



# DX MONITOR

PUBLISHED BY  
THE INTERNATIONAL RADIO CLUB OF AMERICA

Saturday, April 8, 1972

NEXT ISSUE TWO WEEKS

VOLUME 9 NUMBER 28

TIMES in DX Monitor: Domestic Sections: EST during the winter & EDT during the summer. Greenwich Mean Time is used exclusively in DX Worldwide.

Dues and Address Changes: Mike Northam - 1608 N.E. Knott St. - Portland, OR 97212.  
Tele: 10AM-7PM PST 503-224-3651. 7PM-1AM 284-7369.

Pres.: Percy Kesteven - 13112 134th St. - Edmonton 44, Alta. CANADA. 403-454-8278.

Pub.: Don Erickson - 6059 Essex St. - Riverside, Calif. 92504. 714-687-5910.

Bulletin Schedule: Apr. 22, May 6, May 20, June 17, July 15 and August 12.

MEMBERSHIP DUES: \$13 air mail, \$9.50 first class, \$6.50 third class. 3rd class mail not recommended for those desiring timely delivery. All dues should be sent to Mike Northam in Portland. Please make payments in U.S. funds.

CLUB SUPPLIES: IRCA letterheads with the emblem in red & blue and the club name are \$1 per pkg of 75. IRCA report forms are IRCA letterheads with a form added in black ink. Because they are on less expensive paper stock, the cost is still \$1 per pkg of 75. DEXs are slips of paper 8½" high and about 4" wide which begin, "I am a member of IRCA," etc. Their purpose is to explain the existence and aims of the club and your reason for writing. They should be used ONLY to the smallest stations, preferably for follow-ups only. Large stns still receive a half dozen a month and they end up as extra trash. DEXs are \$1 for a pkg of approx. 300. All prices postpaid. Orders for all club supplies should be sent to IRCA publisher in Riverside. Payment by check or money order is usual method. Stamps from any country (mint only) are acceptable and cash up to \$2 will be accepted. Please stock up on club supplies during the summer while your publisher has the time to handle the orders. Please expect 6-week delay due to mails; if you're lucky they might take only 4 days; and allow publisher at least 4 weeks to mail orders.

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## NEW MEMBERS!!!

Hope C. Christian, Jr. - 4111 Springhill Ave. - Richmond, Virginia 23225 (via WKBW)  
Edward G. Parker - 115 Hillcrest Blvd. - Hoffman Estates, Ill. 60172 (via WBAP)  
Tim Saltmarsh - 33 Fowler St. - Penacook, New Hampshire 03301 (via WCFL & WKBW)  
Dennis J. Williams - 26 Wallkill Road - Sparta, New Jersey 07871 (via WKBW)

## RENEWALS

Eugene S. Allen - 134 Bret Harte Way - Vallejo, Calif. 94590 (CHARTER MEMBER; 3-17-64)  
Raymond Arruda - 6 Wilbur Avenue - North Dartmouth, Mass. 02747 (joined 4-8-67)

(continued on page 2)

	<u>ELT</u>	<u>DX CALENDAR</u>			
Mon. Apr. 30	0000-0100	WCMS 1050	Norfolk, Virginia	5kw	IRCA/Larry Flegle
Mon. May 27	0000-0100	WCMS 1050	Norfolk, Virginia	5kw	IRCA/Larry Flegle
Mon. June 19	0030-????	WIVV 1370	Vieques, P.R.	5kw	NRC/Tom McCormack
Mon. June 26	0030-????	WIVV 1370	Vieques, P.R.	5kw	NRC/Tom McCormack

WCMS will use C&W mx; reports to: Tom Keith, WCMS, 5600 Curlew Dr., Norfolk, Va. 23502. Apparently the first 15 minutes is r/c per list and the last 45 minutes a TEST for the IRCA. Thanks to Larry Flegle for phoning this in. -IRCA/Larry Flegle, Norfolk. WIVV times corrected as above, per Ernie Cooper of NRC. More details in future.

RENEWALS

(continued from page 1)

Robert Berger - C 215 Langmuir Coll - SUNY at Stony Brook - Stony Brook, NY 11790  
 Thomas Berhalter - 330 Thornton Rd. - Englewood, N.J. 07631(12-26-70)/(joined 2-14-70)  
 Ronald Binkley - Box 161 - Freeport, Ill. 61032 (joined 2-15-69)  
 Credo A. Bisquera - 86-123 Kakaiapola St. - Waianae, Hawaii 96792 (joined 2-14-70)  
 Rick Blythe - 6837 Killarney Lane - Troy, Michigan 48084 (joined 2-1-69)  
 Andrew Bolin - 709 Lincoln Avenue - Charleston, Illinois 61920 (joined 10-31-70)  
 Gregg Boye - 2921 White Road - Grove City, Ohio 43123 (joined 12-5-70)  
 Dr. Michel Breger - Apt. 2A - 2 Williams Blvd. - Lake Grove, N.Y. 11755 (1-16-71)  
 Jan H. Brown - Pentagon Arms Apts #17 - 2020 E. Bijou St. - Colo. Spgs, CO 80910  
 C. W. Chadwick - 3630 7th Ave. - Council Bluffs, Iowa 51501 (2-13-71) (3-14-70)  
 Dave Christensen - 3434 39th Ave. West - Seattle, Wash. 98199 (joined 2-15-69)  
 Greg Condon - 218 Healey Terrace - Brockton, Mass. 02401 (1-16-71)  
 Jerry K. Conrad - P. O. Box 691 - Orlando, Florida (12-16-67)  
 Paul R. Daplyn - 13 Ferrier Ave. - Toronto 6, Ont. CANADA (+change of add.; 2-1-69)  
 Margaret Davidsaver - 235 North Algona - Dubuque, Iowa 52001 (joined 2-6-71)  
 Gordon L. Draeseke - 1599 Angus Dr. - Vancouver 9, B.C. CANADA (joined 3-20-71)  
 Don Dumbeck - 801 N.W. 6th - Pendleton, Oregon 97801 (joined 1-16-71)  
 Richard C. Evans - P. O. Box 2146 - Chicago Ave. Stn - East Chicago, Indiana 46312  
 (joined 2-23-65; #321)  
 Dave Fischer - P. O. Box 6256 - Lincoln, Nebraska 68506 (joined 6-15-68)  
 Miss Carolyn Forehand - 2612 Higbee Rd. - Adelphi, Maryland 20783 (joined 1-16-71)  
 Miss Nancy J. Gantzer - 67 Liberty St. - Fredonia, New York 14063 (joined 1-16-71)  
 Lynn Gary - 8041 N. Boundary Rd. - Dundalk, Maryland 21222 (joined 3-20-71)  
 Brian Goslow - 45 N. Ashland St. - Worcester, Mass. 01609 (joined 1-16-71)  
 William Grant - 16 Goulding St. - Worcester, Mass. 01609 (joined 3-15-69)  
 Rick Hansen - 2412 MacLean St. - Napa, Calif. 94558 (joined 12-5-70)  
 Bill Harang - 811 Nevada Ave. - San Jose, Calif. 95125 (joined 2-6-71)  
 Andrew Hecker - P. O. Box 835 - Saratoga, Calif. 95070 (joined 1-30-71)  
 Bruce Heimbürger - 817 Rawlins St. - Port Huron, Michigan 48060 (joined 2-21-70)  
 Stephen S. Howe - 16 Windsor Rd. - Great Neck, New York 11021 (joined 1-24-70)  
 Charles Hrinko - 2-33 Thirtieth St. - Fair Lawn, New Jersey 07410 (joined 1-5-65)  
 Gary V. Jackson - 331 Alhambra Blvd., Apt. 6 - Sacramento, Calif. 95816 (1-4-69)  
 Robert Jacoby - 556 E. Alvarado St. - Pomona, Calif. 91767 (joined 2-23-65; #312)  
 James Jankowski - 11 Meadowbrook Terrace - Corfu, New York 14036 (joined 11-29-69)  
 John C. Johnson - 625 Park St. - Sheridan, Wyoming 82801 (CHARTER; joined 3-17-64)  
 Mike Johnson - 1040 100th St. - Niagara Falls, New York 14304 (joined 1-30-71)  
 Randy Jones - 3720 Lusk Dr. - Sacramento, Calif. 95825 (joined 12-5-70)  
 Donald K. Kaskey - Hotel El Rancho - P. O. Box 235 - West Sacramento, Calif. 95691  
 (joined 12-10-66)  
 George Kesteven - 3524 Benton Drive, N.W. - Calgary 48, Alta. CANADA (joined 1-16-71)  
 Percy Kesteven - 13112 134th St. - Edmonton 44, Alta. CANADA (joined 5-20-67)  
 Edward S. Kocsan - 7 Brooklawn Dr. - Morris Plains, N.J. 07950 (joined 2-14-70)  
 Blake Lawrence - Box 803 - Canon City, Colo. 81212 (joined 1-16-71)  
 Dave Martin - 3730 Landfair Rd. - Pasadena, Calif. 91107 (joined 3-2-65; #334)  
 Patrick Martin - P. O. Box 149 - Warrenton, Oregon 97146 (joined 1-20-68)  
 Stephen S. Martin - 12115 Northwood Dr. - Upper Marlboro, Maryland 20870 (12-26-70)  
 David G. McLane - 562 S. Yarrow - Oregon, Ohio 43616 (joined 1-23-71)  
 Horton D. Meehan - P. O. Box 276 - North Palm Springs, Calif. 92258 (CHARTER; 3-17-64)  
 (continued at bottom of page 3)

A letter, purportedly from Lynn Brooks, was received here a few days ago. The contents stated that due to lack of time and interest, Lynn was resigning from both the Board of Directors and CDXF Editorship.

A subsequent acknowledgement was sent to Lynn and it drew immediate denial of authorship of the original letter. Close examination of the letter revealed that it was, indeed, a cleverly worded forgery. — by PSL — DEE

Lynn has stated unequivocally, both by letter and phone, that he is not resigning from either Club post and that he wishes to continue in both capacities.

I would like to apologize for any confusion caused among the members by the call for CDXF Editorship volunteers. The information was phoned to DEE to make bulletin deadlines.

I suppose that the author(s) of this forgery can take some pleasure in noting that their letter has caused a very minor disruption in Club administration. However, Don Erickson, Lynn Brooks, and myself regard the entire matter as a very juvenile prank, probably conceived by someone with an early adolescent stage mind.

Anyway, I am most pleased, as will be most members, that Lynn will continue in the contribution of his valuable talents to our organization.

#### RENEWALS

The list below, continued from page 2, represents renewals during December, January, and part of February. The complete list of renewals thereafter will probably appear next issue.

Respectfully submitted,

*Percy R. Kesteven*

Percy R. Kesteven, President

Dated: March 30, 1972

Alan Merriman - P. O. Box 6 - Fairfax, Virginia 22030 (joined 2-18-67)  
 Stephen Millay - 550 Swain Ave. - Elmhurst, Ill. 60126 (joined 1-24-70)  
 James P. Mohler - 531 Whiting Ave. - Iowa City, Iowa 52240 (joined 5-20-70)  
 Ronald Musco - 16 Chestnut Dr. - Windsor, Conn. 06095 (joined 3-17-64; CHARTER)  
 Harold A. Neimanis - 215 Allen St. - Buffalo, New York 14201 (joined 3-20-71)  
 Dick Nelson - 20962 Itasca St. - Chatsworth, Calif. 91311 (joined 12-6-69)  
 Douglas Nyholm - P. O. Box 54568 - NAS Memphis - Millington, Tenn. 38054  
 (joined 1-10-70; plus change of address)  
 Tom Palmer - 11331 Grandville - Detroit, Michigan 48228 (joined 3-20-71)  
 Arthur W. Peterson - 2726 Rollingwood Dr. - San Pablo, Calif. 94806 (#340, 3-9-65)  
 David Peterson - 800 Humboldt Ave. - Winnetka, Ill. 60093 (joined 1-16-71)  
 Joseph W. Plonka - P. O. Box 148 - Chaplin, Sask. CANADA (joined 12-6-69)  
 Fred Prechtel - 6128 Glade Ave. - Cincinnati, Ohio 45230 (joined 10-13-64; #173)  
 Mike Reid - 116 Munro Blvd. - Willowdale, Ontario CANADA (joined 2-21-70)  
 Arnold F. Retzlaff - 202 Taylor Rd. - Elgin, Texas 78621 (joined 5-2-70; 2-year ren.)  
 Jerry Robertson - 6065 Gardner Line - Crosswell, Michigan 48422 (joined 1-18-69)  
 Richard S. Ryrholm - Room 1731 Morrill Tower - 1900 Cannon Dr. - Columbus, Ohio  
 43210 (joined 3-15-69)  
 Stan Savage - 101 N. Ladera Vista Drive - Fullerton, Calif. 92631 (joined 12-6-69)  
 Robert A. Schneider II - 1603 W. 15th, Apt. 101 C - Lawrence, Kansas 66044 (1-18-69)  
 Randy J. Seaver - 755 Coleman Ct. - Imperial Beach, Calif. 92032 (CHARTER; 3-17-64)  
 David Shapiro - 1812 A Hillisdale Rd. - Lynchburg, Va. 24501 (joined 10-18-69)  
 Gary Siegel - 2728 106th St. - Toledo, Ohio 43611 (joined 2-6-71)  
 Steve Simonsen - 1512 Amber Ct. - Ontario, Calif. 91762 (joined 12-19-70)  
 Wendell A. Sturges - Box 35 - Okemos, Michigan 48864 (joined 2-15-69)  
 Sheldon Swartz - 41 Pole Plain Rd. - Sharon, Mass. 02067 (joined 1-24-70)  
 Charles Taylor, ETN2, B505678 - Beach Master Unit 1 - Naval Amphib Base -  
 San Diego, Calif. 92155 (CHARTER MEMBER; 3-17-64)  
 David F. Thomas - 1212 E. Comanche Ave. - Tampa, Florida 33604 (joined 2-14-70)  
 Eugene G. Vonderembse - 31-50 30th St. - Astoria, New York 11106 (joined 9-6-69)  
 Paul Welka - 15340 Union Avenue - San Jose, Calif. 95124 (joined 1-2-71)  
 Ernest J. Wesolowski - 1416 Pasadena Ave. - Omaha, Nebr. 68107 (CHARTER; 3-17-64)  
 Dave Whatmough - 284 Main Street West - Hamilton 12, Ontario CANADA (joined 1-30-71)  
 Thomas H. White - 1119 North Harrison St. - Arlington, Va. 22205 (joined 1-23-71;  
 this is a correction of ZIP code in 3/1/72 membership list) (continued...)

RENEWALS

(continued from page 3)

John F. Wilson - 305 S. Dupont Rd. - Lancaster Village - Wilmington, Del. 19805  
(joined 1-10-70)

Mike Wilson - 349 Emherst St. - Winona, Minnesota 55987 (joined 2-13-71)

Leslie G. Wood - 1463 Tadmor St. - North Merrick, L.I., New York 11566 (1-18-69)

Bruce Zaslowsky - 426 Bunker Drive - Oceanside, New York 11572 (joined 11-28-70)

NOTE: For the purpose of renewals, the first 100 members are considered CHARTER members. The first membership list in what was then National Radio Club, Incorporated, was published in the May 19, 1964, bulletin and listed 97 members. Those listed on that list are considered to have joined 3-17-64, the date of the first bulletin of this club, for lack of more detailed information. The 6-16-64 bulletin listed an additional 5 new members, putting the membership over the 100-mark. However, none of those 5 are still in the club or the hobby. So, if you joined in time to be on the first membership list, your date of joining has been arbitrarily established as 3-17-64. Those joining later are listed as having joined as of the date of the issue in which they were listed as new members. Everytime renewals are listed, a couple of members write to 'correct' the date. Your publisher would appreciate hearing from you if the date listed does not correspond to the issue in which your membership was first listed! At a future date, a membership list will be published which contains the dates of joining; possibly as early as the list planned for October, 1972.

CHANGES OF ADDRESS

Max Chapman - 836 Taylor St., No. 9 - Medford, Oregon 97501

Paul R. Daplyn - 13 Ferrier Avenue - Toronto 6, Ontario CANADA

Albert S. Lobel - 4545 55th St., Apt. 6 - San Diego, Calif. 92115

Spence Naylor - 54 Meadowview Dr. - Northfield, Ill. 60094

Jim Ruecker - 923 N.E. Lincoln St. - Hillsboro, Oregon 97123 (OK in membership list; corrects error in new member listing, same issue)

The above changes of address complete everything received from Mike Northam through the listing for 3/25/72 DXM. Listings for this issue, 4/8, have not been received as of this typing.

NEW MEMBER PACKETS Thanks to the effort of Aris Papafingos, all new members listed in DXM to date have received or have been sent NMPs. If your NMP has not been received and your membership was listed in the 3/11 issue under "new members" or was listed in an earlier DXM, please advise DEE right away. Those listed in 3/18 issue and in this issue are the members whose NMPs Aris prepared; they were posted approx. 4-3-72. If not received by 5-1-72, let DEE know.

SFL - Theory and Practice The article by J. A. Worcester entitled "Shielded Ferrite Loops: Theory and Practice" met with such demand that it has been reprinted in sufficient quantities to meet foreseeable future demand. If you would like a copy, drop a post card to DEE. This article is the forerunner of the article on construction of the Space Magnet (which is a shielded ferrite loop).

Club Supplies and Reprints As far as can be determined, all reprint requests and club supplies orders received through April 1 have been filled and mailed. Requests for a large number of reprints were handled 3rd class mail so they may require a considerable length of time for delivery; likewise for club supplies. See next note for some less-than-encouraging news.

Mail Service The last issue was delivered to the PO and personally handed to a clerk at the downtown Riverside PO on Thurs. AM, 3/23. Judging from post-marks on the local third class copies, they were cancelled somewhat promptly but not sorted for nearly a week. All local copies showed up 7½ days later on 3-30! And sample copy request files show that even semi-local samples are not being received in less than a week. Not a thing can be done except to request that members have lots of patience. Cheer up, though, the PO is talking about raising first class to 10¢ an oz; the head of the USPS feels, so he stated in a recent newspaper article, that it would be more politically suitable to hit those other than large mailers!-DEE



April 8, 1972

EASTERN DX ROUNDUP

Page 5

Editor: Sheldon Swartz 41 Pole Plain Road Sharon, Mass. 02067

Deadlines: April 14, and every 14 days. Local SR: 0600

Greetings, DXers! This is the first of my attempted stencils for EDXR and IRCA, and if they come out, you will notice a few gradual format changes, hopefully to be beneficial to you. Your comments and suggestions will always be welcomed! Good reading, and best of DX!

Our valued contributors for this issue are:

B William M. Blazek 2716 Bellbrook Street Hillcrest Hts, Md. 20031  
C Brian L. Cartwright 106 Leila Street Johnstown, Pa. 15905  
D Paul R. Daplyn 830 Denison Crescent Ottawa, Ontario  
M Richard C. Mayhew 266 Dufferin Road Valleyfield, Quebec  
N Allen Napier 319 W. Comanche Avenue Tampa, Florida 33604  
P Jim Poterba 949 Queens Drive Yardley, Pa. 19067  
Pr Fred D. Precht 6128 Glade Avenue Cincinatti, Ohio 45230  
R Jerry Robertson 6065 Gardner Line Crosswell, Michigan 48422  
S C.M. Stanbury II Box 218 Crystal Beach, Ontario  
Su Thomas R. Sundstrom Box 205 Willingboro, New Jersey 08046

E 540 KNOE LA Monroe Good 3/5 1804 w/promo for rel. pgm on KNOE-AM.  
D 570 WNAX SD Yankton TEST fair w/WKBN 0150 w/oc, tt's. Vocal ID 0157 3/20.  
P 580 WTAG MA Worcester o/channel w/Fla. Primary report, good 2115 3/14.  
D 580 CHLC PQ Hauterive Fair 3/20 w/pop. FF mx 0125. CFRA off.  
M 610 CKML PQ Mt. Laurier Exc. o/CFCF-600 + WVMT-620 slop 0720-0810 3/6.  
M 610 WDAF MO Kansas City w/wx + IDs, fair o/WIP 0146 3/3. First station heard to top WIP's signal.  
N 620 CKCK SA Regina Poorly 0200-0245, 3/20 w/local WSUN off; C+W music and much static. Thru SUN OC at 0236.  
C 680 CFTR ON Toronto 3/17 0305 rr in good during WINR fade.  
C 680 WINR NY Binghamton 3/17 0304 rr fair, unusually fady.  
M 680 WNYR NY Rochester In w/amazing signal for 250 w o/CFTR. ID 0949 3/2. CBF-690 off due to power failure.  
P 800 WCHA PA Chambersburg All alone after WTMR s/off w/"From the Land of Pleasant Listening, WCHA". 1800 3/13 for #600.  
Pr 800 WEAB SC Greer s/off o/WKEE at 1815 2/18.  
B 800 WTMR NJ Camden Fair at 1800 3/13 w/s/off: "Owned and Operated by the Roberts Broadcasting Company".  
B 860 WLBG SC Laurens Poor 3/7 w/s/off at 1830, "WLBG-FM 100.5".  
C 900 CHML ON Hamilton 3/17 0300 rr in good.  
M 980 CHEX ON Peterborough tent. fair. Local CKGM off - power failure, 0950-0959 3/2. Peterborough mentioned in spot, so must be it.  
Pr 980 WITY IL Danville w/WONE off at 0200 3/11, s/off at 0205.  
R 1050 KSIS MO Sedalia Good w/signoff at 1915, o/WHN, 3/6.  
R 1050 WDZ IL Decatur Fair u/CHUM w/nx 1002-1010, 2/18.  
Su 1070 WKMB NJ Stirling 3/12 noted w/nx ending 1205, ID. Good w/KYW nulled.  
M 1110 CBD NB St. John tent. w/fair sig. o+u 1110 QRM. Several mentions of St. John. Also CBC nx, 1720-1740 3/6. No definite ID (must be, as I heard same w/ID - Ed.).  
M 1110 WGRG MA Pittsfield Vgd. ID, spots 1700 3/6. DX on 1110 has been good since CFML moved to 1170 (Obviously! Ed.).

- M 1110 WHIM RI Providence Fair o/WGRG w/ID + Spot 1730 3/6.  
M 1110 WJML MI Petoskey w/ID in spot for local program after Ai news 1805, 3/6 Fair.  
M 1110 WNAR PA Norristown Fair w/mx and ID 1739, 3/6.  
C 1140 CJTR PQ Montreal Probably the one here reported in 3/11 DXF as CBF?  
R 1140 KLUC NV Las Vegas Fair w/rr on TEST, 0313-0324, 2/21.  
Pr 1140 WCLW OH Mansfield At 1800 3/14 w/WRVA nulled.  
R 1140 WIXC TN Fayetteville Good o/WRVA w/c+w, 1855-1900 signoff.  
Su 1300 WJDA MA Quincy TEST 3/20: 0100+ w/IDs, TTs, uptempo organ music to 0110 when switched to march music. Sometimes thru and over WFBR, surprisingly. Suspect third station on 1300 too, w/TT noted under WFBR w/WJDA nulled, from 0120+ but no audio. Who? (WJDA is my local, only 12 miles away, and normally bomb in days, but during test, WFBR made it almost inaudible! ed.).  
M 1300 WJDA MA (RS) Fair w/s/off 1745 3/11/ Caught last part of s/off announcement 10 seconds before SSB began. Cutting it too close nowadays.  
M 1300 WQBK NY Rensselaer Fair to good o/WAVZ/WFBR and unid. 1737 3/12.  
M 1330 WHAZ NY Troy Fair 1750-1800 w/rel. pgm, then signoff, 3/11.  
M 1330 WTRX MI Flint Fair u/WEVD w/ID 0201 3/3. Ain't been heard for almost a year!  
C 1350 CKLB?ON Oshawa 3/19 2109 w/sx & mentions of Toronto + Hamilton.  
M 1350 CKLB ON Oshawa Exc. w/rel. pgm. ending 0715 3/5, then ID, mx. Local CFLV usually messes up everything from 1350 to 1410, but was off as they don't come on til 0730 Suns.  
R 1360 KRUX AZ Glendale Good w/rr o/KRYS 0340-0351 2/21  
R 1360 KRYS TX Corpus Christi Fair w/rr u/KRUX, 0351-0407, 2/21.  
R 1360 WGFA IL Watseka Good w/march mx o/WDRG on TEST, 0403-0414 2/21  
R 1360 WDRG CT Hartford good w/rr o/KRUX, 0351-0407.  
Su 1370 WALK NY Patchogue 3/18 tunein 1110 w/"Memory Lane" segments of Sinatra and Crosby shows to ID 1127 o/WPAZ w/loop.  
Su 1370 WIVV PR Vieques 3/19 DX NOT heard 2330+ due to WSPD+WFEA. WFEA s/off 0055 w/SSB but still no WIVV (Here, too. -Ed.).  
Su 1380 WFSR NY Bath 3/19 w/ID 1800 + 5 mins. of nx o/WBNX/WAMS. WAWZ had s/off 1630. WFSR only momentarily atop, otherwise mixture.  
R 1380 WMEE IN Fort Wayne Good w/r+b 0451-0458, 2/20.  
Su 1380 CKLC ON Kingston 3/19 w/5kw s/off 0000 w/GOS (?? - Ed.) announcing weekly s/onn 0530, Sunday s/onn 0730.  
Pr 1380 WTVR VA Richmond 1735 2/20 w/WWKY/WKJG nulled.  
Pr 1400 WFTG KY London 1755 3/1, hrd ID o/QRM. Nothing else readable enough for report.  
R 1400 WJET PA Erie Good w/rr o/mess 0416-0419, 2/21.  
Pr 1410 WRMN IL Elgin at 1900 3/16 s/off w/WING nulled.  
C 1430 CKFH ON Toronto 3/20 0334 Comm. + rr in fair.  
C 1430 KTYN ND Minot 3/20 TEST. Slight TT noted at 0304, 0314 +0320. c+w song: "Just Another Bedtime Story" hrd 0326. KTYN?  
Su 1430 WIRE IN Indianapolis 3/21 SID 0315 "W-I-R-E, Heart of America" in midst of rr show u/CKFH, while looking for KTYN which, unfortunately, was not heard on sched. TEST.  
Su 1430 WNAV MD Annapolis 3/12 w/ID in midst of rr show promo @ 1310 w/WNJR looped. Fair.  
Su 1440 WMVB NJ Millville 3/12, good o/WAAB, WNPV.  
C 1460 WAXC NY Rochester 3/19 0449 hrd w/ "Weather for Rochester".  
R 1470 WBKV WI West Bend poor w/s/off at 1900, 3/13.  
R 1470 WMPP IL Chicago Heights good w/soul mx at 1850 until s/off 1900 w/SSB.

- 1480  
 C CHOW ON Welland 3/20 had temp. for Niagara metro. area 0405 in good.
- P 1480 W??? OH Zanesville?? hrd good over channel for short while w/Lifeline program, 1915 3/17. Any ideas anyone?
- R 1480 WCIN OH Cincinatti poor w/nx followed by rr 1755 o/WTHI 1802, 2/28.
- R 1480 WLPH AL Irondale good o/WHBC w/s/off at 1900, 3/9.
- R 1480 WMAX MI Grand Rapids good o/WSDS w/rr, 1652-1714, 3/1.
- R 1480 WTHI IN Terre Haute good w/rr o/WSDS, 1708-1723, 2/28.
- R 1490 WBAB IO Indianola Fair w/Ae nx and rr, 1830-1843, 2/20.
- R 1490 WDBQ IO Dubuque fair w/rr o/mess 1822-1830, 2/20.
- M 1490 WFAD VT Middlebury Fair w/wx, sx 0755-0800 3/5, then CBS nx.
- R 1490 WLRC MI Whitehall Good ID o/mess at 1930, 3/1.
- R 1490 WTIQ MI Manistique Good o/mess w/c+w, 1937-1948, 3/1.
- Pr 1520 WAOA AL Opelika at 1720 2/26, all alone during slight auroral.
- M 1500 WFIF CT Milford Very good w/PSA o/WTOP 0746 3/5.
- Su 1520 WTHE NY Mineola 3/12 o/WCHE while looking for WSLT, 1400 ID in middle of church service from Foxy-country.
- C 1540 CHIN ON Toronto 3/16 rr + many IDs and ads in good 0715.
- P 1540 WNIO OH Niles strong o/CHIN w/rr, exc. 1820 3/19 Real surprise!
- F 1540 WPTS PA Pittston u/CHIN & ID, 1810 3/19 poor.
- B 1550 UNID San Diego 2/28 a real mystery to me - static spoiled ID at 0318, "... Number 1 in San Diego." References to San Diego Contemporary Music Theater and a spot for the Shirley Jay Fashion Center. No San Diego listings on or about this great freq. Help, WCers. (DEE says definitely XEBG-Tijuana - most EE Mexicans never say they're in Mexico, and have spots from Cal.
- B 1550 KIWA IA Sheldon CP in fair-good 3/6 0330 on w/mx, frequent IDs.
- R 1550 KIWA IA Very good on TEST w/mx and IDs 0300-0349, 3/6
- M 1550 WEXT CT W. Hartford fair o/WNTN w/mx + SID 0745 3/5.
- C 1550 WKYE TN Bristol 3/19 TEST w/repeated FM promo tape g-ex. 0528.
- M 1550 WNTN MA Newton alone w/mx fair 1732 3/11.
- C 1560 WTOD? OH Toledo 3/19 s/on 0615 w/heavy CBE splash, garbled, sounded like "WBOT".
- C 1570 CKLM? PQ Montreal 3/17 0245. What is FF at this time w/ID sounding like CKLU? (CHLO maybe, but think EE. Ed.)
- M 1580 WCRV NJ Washington w/good sig. at 0700 s/on, s/off 1730, 2/29.
- M 1580 WHEX PA Columbia Fair at s/on 0702., s/off at 1745, 2/29.
- B 1580 WJVA IN South Bend 3/13 s/off 1845 in poor. Promo for FM WRBR.
- M 1580 WPAC NY Patchogue strong w/ID 0658 2/29.
- B 1580 WKST TN Knoxville 3/8 s/off 1845 in fair. Morgan Bctg. Co.
- B 1580 WVKO OH Columbus 3/7 s/off in poor 1845. Skyway Bctg. Corp.
- Pr 1590 KCLU MO Rolla at 1740 2/22 o/pesty WAKR.
- C 1590 WETT MD Ocean City 3/17 in good w/cl mx. 0255, then WAKR killed it.
- M 1590 WSMA MI Marine City w/spot for contest, o/WTTY 0741 3/1.
- M 1600 WINX MD Rockville Fair w/SID o/WNEU 1807 3/1.
- P 1600 WMCR NY Strong s/off w/male anncr., good 1815 3/17.
- M 1600 WNEU WV Wheeling Fair o+u QRM 1745-1805 3/1, many IDs.
- P 1600 WTYM MA E. Longmeadow mixing w/others on channel at s/off 1800 3/17 fair.
- S 1615A PIRATE WENJ logged from 1823 tune in 3/19 w/professional sounding anct, tight format and fair signal. Announces as 1620.

Next DXM in 14 days dated April 22, 1972. Be sure and report to the editors. -DEE

April 8, 1972

EASTERN DX FORUM

Page 8

Editor: Bruce R Heimburger - 817 Rawlins St. - Port Huron, MI 48060

Deadlines: Fridays, 8 days before publication date.

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Sheldon Swartz - 41 Pole Plain Rd. - Sharon, MA 02067

MM 3/13 was about a total flop here. Terrible static & noise level entered my TRF across the band. I did net, however, two mediocre new ones for me, in the ways of WCBG-1590 w/PoP w/1kW. 0143-0443, TT, decent signal, & s/on of CBI-1140 N.S. @ 0447 (0547 Atlantic) w/exc. signal until WCOP-1150 Boston destroyed the same, aided by WNEW. Pests here all night (& I mean PESTS!) were WMID, WGBB, & WETT-all w/local-like signals. WEEEX-PA heard ET w/WEEEX-FM @ 0258, exc. signal-must have been 1kW AM. Of course FM not heard (99.9, 13.5 ERP). WDRC-1360 also surprisingly loud. (last  $\frac{1}{2}$  of rpt continued next week-Brh)

Fred Precht1 - 6128 Glade Ave. - Cincinnati, OH 45230

DX still in a state of "limbo" here. A few new ones make it in occasionally, but really nothing to get excited over. Checking back, I see that so far this season, (since 9/71) I logged 51 new stns, which I suppose isn't really too bad. Call me lazy, if you like, but somehow I just lack the will power to stay up on MMs. I know that I would regret it all day Monday, feeling like you know what, all day at work. Veries in since last rpt are WSWW, WTVR, KBYE, WADA, WSLM, & WITY all ppc's & CFGM which kept my ppc & sent a v/l. WSLM owner, Don H. Martin enclosed a letter along with my ppc verie, asking my permission to use its design for their posters. Said he really liked the "art work" & design. Feeling flattered over this compliment, I returned a letter granting him permission. Didn't know permission was necessary. My ppc designs aren't copyrighted. 73s and good DX.

Thomas R. Sundstrom - Box 205 - Willingboro, NJ 08046

Guess the word will be out soon...Gordon Nelson of the NRC unfortunately lost his house to fire including, I understand, all electronic equipment & verifications as per a telephone conversation w/Russ Edmunds on 3/14. Fortunately no one was hurt except for one cat that was trapped and killed. The family & I visited w/Bob Foxworth, NRC's foreign editor and wife in his place of abode, on 3/10 following wrap-up of a 3-day seminar on management information systems at Hofstra U. His HQ-150 is modified & looks considerably different than the stock unit here. But the amazing thing there is the NRC altiz loop he built; it can null WTHe-1520 about  $\frac{1}{4}$  mile from him into the mud. (Cont. next week-Brh)

C.M. "Stan" Stanbury II - Box 218 - Crystal Beach, Ontario, Canada

First to avoid any misunderstandings, please note that I will not accept collect calls from anyone. There are several reasons for this but primarily I have no way of knowing in advance what you're calling about and the tip would have to be pretty Earth shaking before tightwad Stanbury pays a long distance phone bill, hi. Meanwhile I strongly disagree w/some of the comments recently made about pirate & campus stns. This whole issue of access to the broadcast media is an extremely complex problem & DXers should be the last people to adopt a short sighted view of it. Suffice to say, it is most unlikely that I would ever report any of these stns to the FCC. The only possible exception would be someone perpetrating a hoax.

Jim Poterba - 949 Queens Dr. - Yardley, PA 19067

Hello again, everyone! Karl Bartlett: I like your idea on a list of Canadian stns. Thanks to Jim Critchett for the letter. Question of the week: Does anyone know anything about a stn WXDT-830 in Philly?? I was thumbing through a '67 Philadelphia almanac & happened to find a listing of area stns. This was the only one I didn't know about. Anyone have more of a scoop?? I don't think that they're operational at the moment. Enjoyed seeing photos last issue. Quite interesting. No new veries to report. Totals have finally broken 600: now 606/107, 38/33, 6/4, & 19/3. Thats it for now....73s.

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Mike Muench - 25 Howard St. - Toronto, Ont.

Seems to me that "spur" is being used to describe too many different things. I think it should best be used to describe a radiation from a transmitter at an improper frequency, either as a "harmonic" or "parasitic." When off-frequency reception is strictly in the receiver, it is an "image" or "heterodyne" (het), but the latter word has other meanings too, so I'd stick w/"image" to describe reception of VOA, WWV, BEC, etc on BCB. 3-letter repeating morse xmsn such as "PHN" heard by Brh are LF airport beacons. Again, I'd call reception of such a stn on BCB an image, & since such reception is not really BCB reception I don't see how one can count it as BCB. Unless you can make reasonably certain WWV is actually radiating in BCB, you'd better assume it isn't. 73.

Quentin K. Brown - 59 Kenilworth St. - Ottawa Ontario Canada

The temp. hit 40° today for the first time this year so I guess the season's coming to a close. A few veries in, WNAX-570 a copy of a v/q, strange. Cards from WHEX-DX, WLIJ, CBI in only 3 days! Was a yellow v/q unlike the standard blue CBC v/q. The rotating CBC strikes have made for some funny events, a while back FF CBJ-1580 had EE news from CBM! (that's one mystery solved-Brh) Moncton ratings: average listeners per day in city of 50,000: CKCW has 22,000, CBA has 1,000 & CBAF has 200. Good going, CBC. Karl Bartlett: WOWO veries w/a folder w/verie info inside. Rich Eddie, congrats on hearing 1,000 stns. Geo. Sherman, NSPers are just as bad here. In the last 4 years NSPers have prevented future reception of the Maritime stns: NB-CKCW, CHSJ, CFBC, & CFNB; NS-CFDR, CJCH; NFLD-CJON. Fortunately, all but CFDR were vfd. CFDR gets a follow-up a month! The Aniv. issue was great, esp. the pics. The new Denver stn on 1090 should be a good challenge for us in the East at SS. Totals: 876/305, 46/41, 10/10, 33/15 cntys. Feb. was my best month in a year w/31 new stns hrd. CJRN freq. move was main reason. Logged 6 new 1600 stns. CJRN-710 beams NW. 73s.

Brian L. Cartwright - 106 Leila St. - Johnstown, PA 15905

Hi gang. Just go my anniversary issue & it took me a good 1½ hrs to read the thing! I found it very interesting w/a lot of good info in it. I might get into the habit of sending out my DXF rpts on Fridays, while keeping my DXR rpts to Mondays so I can deep up to date NM info. DX dropping off in this month of March, but at half-way have still managed to squeeze 24 stns in. Hope to get KSL again long enough for a rpt. Liked the idea of photos and (if I ever get ahold of some film) may get one out myself. Last week when I said "73s & San Diego in 73" I meant that I & the parents may get out to the WC in 73. I hope so, for DXings sake. Only verie received was v/q: CJCB, w/super vague text. Took 7 days. Three CPC requests out, to Randy's delight! WARD Test took about 20 min. on the phone to arrange. Well, 73s til next time.

Paul R. Daplyn - 830 Denison Crescent - Ottawa, Ontario

Greetings. I recently moved from Toronto to Ottawa & since then I've had the privilege of meeting DXers Quentin Brown & Jerry Osborn. Since I've been on the IRCA band-wagon 3 years, a re-intro is probably in order. I'm 25 & have been DXing since 1964. Present rxs are Fisher 250 T & Nordmende "Globetrotter." Places I've lived & DXed include Ramore, Ont; Yorkton, Sask; St. Jean, PQ; Clementon, NJ. I am presently employed by Computing Devices of Canada repairing Decca navigation equip. I guess Brh accidentally misplaced my pævious rpt. (I haven't seen a report from you in a while Paul, sri if it was rcvd & misplaced-Brh) Only real DX pertinent info was CKEY-590 moved from 247 Davenport Rd. to 1 Yonge St., Toronto 2, Ont. 73s.

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Support the new EDXR editor. When you send a EDXF report, take an extra minute or two and write a EDXR report also. (Sometimes I think that is about how much time some members spend on their DXR reports! -DEE)



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Randy Minnehan - 975 Chestershire Rd. - Columbus, OH 43204

Hi everyone! The Anniversary Issue was really fantastic. DXing has been great w/in the last few weeks. I even got a new state out of it; DE in the form of WDOV for state #43! Other DX: KFBK, WARO, WGOW, YNX, & R. Barbados-900. Veries: v/1-WRIN, KLTR, WHLN & v/q WHEX-DX. SC collectors: I just started collecting SCs a little while ago, & have over 60 in my collection. I have a huge supply of SCs from my locals, WMNI & WRFD, & an unlimited supply of WCOL-1230 SCs. For anyone interested in the CPC, I have a special CPC kit, which has in it everything you'd need to know in setting up DX tests. I am the CPC chairman, just drop me a postcard. Well, that's it from this end, I hope to be hearing from some of you soon. 73 et au revoir!

Larry V. Flegle - 200 Delaware Ave. #21 - Norfolk, VA 23504

Greetings! DX time has been limited as I've been on an operation w/the Marine Corps in NC. Did hear WPRT-KY on 3/6 at 0445 EST. New totals are 161/94. Recent veries include: v/q-WETE, WCSC, WLVA, WAKR. V/1-WPRW, WAPE, WDAF, WWDC, WIVE, WYSR, WLES, WBBS. Does anyone have a better address for WENZ, Highland Springs, VA & WIBG Philly? Both were returned this week. (My listing says Seven Penn Centre, Philly, 19103-Brh) Also are ZNS-1 & PJB slow to verie? I think it would be nice to have a list of non-verifiers. Hope to have a good week at the dials.

Budd Bailey - 8800 Wenner Rd. - Williamsville, NY 14221

I greatly enjoyed our Anniversary Issue this year. It was nice to see there really is a DF & Brh. (You'd never know it by the picture, hi-Brh) Also always wanted to see what DEE looked like, although would like an intro from him for newer members. Maybe next year, the issue could have reprints from our very first issue. Recent veries include v/q-CBI, WHEX, CBJ, KAAV, v/1-WDOG, WAVA, KIWA. George Sherman...no WKTJ here either. Would any card swappers out there in DX land pse write. I'm very anxious to trade, but I'm having trouble finding people. 73s and goodbye to the weekly Schedule.

IRCA Membership Committee The IRCA Mem-Com in 1964-1965 was an extremely large committee which wrote letters to hundreds of DXers whose names were obtained from KOMA, KOB, and several Seattle stations. Now, however, it is primarily a committee of 1 with the purpose of obtaining names of DXers, sending out sample copies of DXM and maintaining statistical files on the names/samples. It is from this card file (some 10,000+ cards) that your publisher determines how you learned of IRCA. In the case of requested samples, the source is considered the magazine or publication ment'ed in the request or the result of a guess based on address to which sample request was sent, etc. In other cases where samples are sent unsolicited to those whose names and addresses are obtained from radio stations, the source is considered to be any and all radio stations listed on the card file. Where I have no card at all for a new member or where there isn't sufficient information to guess the source, it is published as "source unknown"; if the new member is in NRC, it is sometimes listed as "via NRC" if for no other reason than to signify that the new member is not new to the hobby. If any member knows of some good sources of reception reports, please let me know, though at present the supply is just about right for the time and number of sample copies available. But as the source of supply dwindles (stations get tired of sending out the reports), we will probably need more names and addresses. Among the biggest sources at present are WCFL WKBW KOA WOAI KMOX KOB WGY as well as any other station you see listed in the new member source listings. For those who might be concerned, the card file is not public information and while not 'top secret' the information is nonetheless confidential and only those directly involved in helping maintain it see the info. A lot of us, myself definitely included, would be a little bit embarassed if the quality of our first reports was publicized. As I recall, mine were done on yellow graph paper using carbon paper to make several copies; then filled in with pencil and sent along with a nickel (when postage was 4¢, hi). An awful lot more on reception reports will be published once I can determine a method to present the information accurately, forcefully, and tactfully. -DEE, Mem-Com Chairman



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Larry M. Abraham - 3839 Sherman - Bridgeport, MI 48722

I have succeeded quite well in my two goals set forth last Sept., namely Nfld & NV. For Nfld I hrd & veried CBT-540, CBN-640, CENM-740. For NV KLUC & KCRL. My one other long sought goal is to log Tarawa-844; this one has eluded me so far. Hope they don't change freq. as I know I can get them next fall. Last season I did have a tentative logging but not enough to count. Recent verie of importance here is YVLX-570-Caracas w/picture PC of Caracas on one side and a nice verie text in EE on the other. I have 2 interesting SW veries that might cause one to wonder how valuable some veries are. Here's the story!! On 2/3 I tried to verie VOA-Tangier-9625, several days later I got a verie for VOA-Philippines-9605. I immediately wrote back telling them of their error, this time I was blessed w/a verie for VOA-Greece-9620 for 2/14. I quit!

Ronald F. Schatz - PO Box 2814, AMF - Miami, FL 33159

Greetings from sunny Florida! Well, I've been gone so long that many of you may not know who I am, & so mote it be. I'm in a high rise in Cutler Ridge, some 20 miles S. of Miami. Present equipment includes a Lafayette HA-600A w/a MF, Juli-Corder 999-A taper, a \$15 war-surplus spectrum analyzer, & combination of Heathkit IG-102 signal generator & IB-101 freq. counter for precision freq. measurements. Only antenna is a 20-meter vertical wire dropped down the side, as I can't use a loop in this building - steel frame. When my lease is up I'll either give up DXing or move. Records? I don't keep any anymore, tho I have more than 100 countries logged. Best catches are a few 100w Brasilians hrd in 1963/64 - never again! Otherwise, I compile info on Cuban stns, work for the government, & undertake other activities not mentionable here. For the ladies: 28, 6'0", 165 lb., dark brown & hazel-blue, & I'm interested in what you are interested, hi. Enough. As you know, we're hosting the NRC convention down here, & all IRCAnS are invited to join in the activities of the "other club." Dates are 9/1-4. Cardioid articles coming soon - patience. Photos are great, but did me no justice. Until next time, 73.

Cathy Woodruff - 7865 Allison Ave. - Dayton, OH 45415

Hello out there. Quite a bit of time for DX this week due to the fact that I'm out of school for spring vacation. Stayed up the entire night of 3/27. Result - 15 new stns but no new states. Did anyone else hear the pirate on 1330 from 0315 to 0320 3/27? They called themselves "Mystery Radio" & offered a trip to Cuba for the first person to guess their feeq. Also played instrumental music at the wrong speed. They made an abrupt exit at 0320 & have (not??-Brh) been hrd since. I don't have any idea where they were from, but it made 5 minutes of interesting listening. New country hrd 3/20 w/ZBV-1 780-Br. Virgin Is. Latest fantastic totals - 359/115. Well, back to the dials. 73.

Karl Bartlett - Apt. 2B, Tulip Dr. - Fords, NJ 08863

Greetings radio nuts! New verie since last rpt is CHUM-v/q. Tnx to Mike Collins for the info on KADS. And tnx to Bruce Zaslowky for your recent call. A little late (but better late than never, right?), I think Glenn Hauser's idea on call letters has a lot of merit. (What about MY idea?--You know, the one about a Canadian stn list?)(You might also try the special features editor, Karl-Brh) To repeat, the Canadian stn list will list stns freq, call, QTH, pwr, ant(such as DA-1, etc), SP, frmt, QSL policy, language, & net affiliation. Let's hear your comments. Welcome to Sheldon Swartz as new EDXR editor. To anyone interested, the official PO abbnv for Connecticut is CT, not CN. Remember Apollo 13? Those of who read Electronics Illustrated may recall an article by C.M. Stanbury II, which said that VOA did not carry full coverage of the near-diaster. A couple issues later, a USIA executive manages to tell Mr. Stanbury that he did not hear VOA. (I agree w/Stan on this one.) Now it's VOA vs. NRC. Any DXer wishing to call can do so at 201-225-2884. Call during the week after 1500 EST, weekends any time.

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George W. Jensen - 4604 Anntana Ave. - Baltimore, MD 21206

One of the most informative features of the DX forum are reports of the results of reports & details of rare or unusual catches. Some of the griping noted of late is a bore, but, I guess necessary. Below are the results of some recent reports: v/q-CFOR, WBBM, WMAQ, WHAS, WKBW, CJIC, WCKY, CBK, WCPC, WHIO, WDGY, WBAM, WJAX, WFBC, WWSW, WAEB, CFRB, WTIC, WHO, BCA, WKYC, KDKA, WKBN, WLBR, WHVR, WHAM, WBT, WOKJ, WCED, WIBC, WOSU, WFIR, WEEB, WVKO; v/l-WFBS, CJRP, KCMO, WJOR, WRC, WYOU, WCVL, WCPS, WPAQ, CHLO, WXLN, CJSO, WSAY, WPRT, WHIO(test), WMOO, WCOV, WHOO, WSIG, WFNC, WJVA, WTVR, WPHB; v/f-WOAI, WETT, WBLU, WAJR, WNEU; v/r-WKVT WGUN; v/pcWGY, KMOX. Nothing else new here - 73s & keep listening despite the static of the summer to come.

Bill Coleman, Jr. - Apt. B-2, 105 Salem Circle - Raleigh, NC 27609

Hello to you all, once again! If anyone is interested in some back issues of the following, please write; Broadcasting, Billboard, Broadcast Engineering, BME, DB, S9, EI, PE, etc. I subscribe to just about every magazine there is, hi. I was sort of disappointed w/WWVA, they only sent me a regular post card, instead of QSL, but at least they sent something. Must be out of QSLs. The FCC paid a nice visit to several of the local Raleigh stns, everybody came out clean, except for WRNC, I understand they got them for overmodulation, now I can listen to 1230 & 1250, hi. Anybody wants to trade QSLs, please send me yours, & I'll QSL 100%. I always like to receive mail, so lets see my mail box full.

Jerry Monroe - 1030 Bonnie Lake Dr. - Alden, NY 14004

Hi! This is my first rpt to DXR & DXF. I am a new member & for an intro, I'm 17, a junior in Alden High School. I've been DXing for 4 yrs, BCB DXing for 2 yrs. Thanks to much help from Jeff Hodge, my current totals are about 520, 45/43, 9/8, 12/4. My receivers are: A2515, a deluxe Philco circa 1934, Lafayette Mark V. My antennas are 100' long wire, & 3' spiral loop (which I received plans for 3 yrs ago from IRCA & didn't build till last summer, hi). Also an antenna matching unit. Best stn hrd has to be KORL & the pirate stn WPOW, signing off w/ their 10w. A few questions: 1) where did you get information regarding me being a new member via KIOA, KOA, & KFAB? & 2) Do stns hrd while on a vacation count if so, chalk up Alaska & Yukon for me since I took a trip to Alaska via the Alaska Highway in 1970. (Q.-2-usual policy is to count only those stns hrd w/in a 25 mile radius of your home-Brh) Well that's enuf for now, 73s & gud DX. (Ans. to question 1 on page 10. -DEE)

Ken Romstadt - 2719-104th St. - Toledo, OH 43611

Hi gang! Long time, no muse. (Muse??-Brh) I better reintroduce myself for the newer DXers & the ones who do not remember me. I am 16 yrs old & have been DXing for 2½ yrs & the current totals are: 1103 stns, 42/8/23. Newest states are Wash & NV while some of my newer stns are KOMO, KCRL, KLUC, WBBF, & WJDA. All letters are welcome & so are cassette tapes. Hope to be in the blue pages mor often in the future so until then 73s & good DX.

Jim Poterba - 949 Queens Dr. - Yardley, PA 19067

Greetings, gang!! Recent DX has been fiar, w/no new Tests hrd. Was up 3/27 looking for KIMM & KGRT, but no luck. Veries (yes, I actually have some to rpt): WLIK, WFIR, both v/q. New, revised totals: 613/109, 38/33, 6/4, 19/3. Did anyone get a verie from the 4VEC Test yet? Sorry to see the weeklies end....Congrats to Shel on being appointed EDXR editor - lets all support him! 73s and bring back the low indices.

Bruce R Heimburger - 817 Rawlins St. - Port Huron, MI 48060

One small request Easterners. Please keep your reports to w/in a couple lines of the maximum of 15. I'm sure you don't & I sepecially don't like to continue reports. Would you believe I sent DEE stencils last week? I didn't watch the bi-weekly dates too carefully & besides that I had the usual number of reports. What fine support!!!

8 APRIL 1972

CENTRAL DX ROUNDUP

Page 13

EDITOR: Richard C. Evans - Box 2146 - East Chicago, Indiana 46312

DEADLINES: 4/13; 4/27; 5/11; 6/8; 7/6; 8/3. Please Mail early!

+++++

540 WYLO WI Jackson, weak no QRM w/brief ID 0730 3/12 (GBS)

550 CHLN PQ Trois-Rivieres, presumably this is FF 0418 MM 3/6 while looking for CFNB who must have big CHLN null. Believe CHNO is EE & AN-6 despite what log says (GBS)

WGR NY Buffalo, finally broke semi-local NSP WSAU 0418 MM 3/6 with jingle (GBS)

560 KSFO CA San Francisco, finally hrd u/pest KLZ with poor signal and Bay Area Wx 0506 3/13 (BWL)

KLZ CO Denver, under new ownership, has changed format to "Number 1 Music" (number 1 songs of the past and present) and has dropped AN simulcast with KLZ-FM. AN jock is Bill Saul (BWL)

590 WRTH IL Wood River, for only 500 watts was hrd booming over WKZO 1459 3/10 w/ID as "WRTH, Wood River, Avco Broadcasting" then into Nx then into Instr. Mx. Very weird and unusual for only 500 watts and they don't even beam this way (ST)

630 CFCO ONT Chatham, hrd weak 1705 u/WLAP and had KXOK nulled giving Wx for Chatham area, 3/22 (ST)

690 CBF PQ Montreal, fair-good in FF w/CMBC nulled & XETRA off (!) 0606-0611 3/13. Much wanted (BWL)

710 CJRN ONT Niagara Falls, 0245 MM 3/6 o/QRM (GBS)

WHB MO Kansas City, off every MM now but much testing (GBS)

850 KOA CO Denver, no more HI, now has AN-6 "Golden Beacon" RR Oldies (GBS)

KTAC WA Tacoma, good w/RS-sounding rr 0412 3/6, never hrd before, maybe running RS as a 10 kw ET?? (BWL)

880 KRVN NE Lexington, now here on RS, began 3/6. Signal not all that great for 50,000 watts; can sometimes hear WCBS under them. Sked is 0600-0105 EST, OC left on sometimes after s/off (BWL) Noted on RS, finally, 3/10 evening o/u WCBS, also hrd all day at 425 miles (GBS) (DP)

920 WBAA IN West Lafayette, good o/WOKY at times w/ID 1829 3/24

KDHL MN Faribault, now off around 0000 MM (or 2400 Sun)(GBS)

L&C over WOKY/WGST w/Nx 0250 3/24 (DP)

\*\*KKLS\*\*SD Rapid City, 3/20 0335-0345 unsked f/c TT fair-good much wanted hrd on old KEZU call (RSK)

960 CHNS NS Halifax, 3/20 0205 w/Wx u/UNID tone fair-poor (RSK)

CKWS ONT Kingston, good o/WFIR w/s/off 0200 3/16 (DP)

1070 CHOK ONT Sarnia, fair u/o WTSO o/u WTSO/unID with sports report 1815 3/20 (DP)

1140 KORC TX Mineral Wells, fair w/TC, C&W 1933 3/4...usual KFAB nowhere (BWL)

1150\*\*KIMM\*\*SD Rapid City, dominating channel despite heavy QRN on DX test 0316 w/ID; TT and march type music, if you want to call it that. Very well conducted test (ST) 3/27 0208-0217 xlnt on DX in way over CKOC w/MoR type (RSK)

WJBO LA Baton Rouge, fair w/much QRN and KDEF QRM with s/off SSB 0106 3/8 (BWL)

1210 WILY IL Centralia, good w/WCAU QRM at s/off 1916 3/14 (DP)

1230 WNVY FL Pensacola, hrd dominating freq. w/ID & C&W 0007 3/18 (ST)

1240 KRDO CO Colorado Springs, 0100 3/5 ID fair o/u mess (GBS)

1250 WCHO OH Washington Court House, fair w/QRM 0600 s/on 2/28, couldn't tell if WEMP on yet (GBS)

EDITOR: Richard C. Evans.

DEADLINES: 4/13; 4/27; 5/11; 6/8.

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1260\*\*WMMH\*\*CT Westport, hrd weak on DX from 0120-0130 running TT  
IDs were completely covered by static & WIXY which  
I had to null out the beast I could (ST)

WEKZ WI Monroe, completely stomping WFBR w/rel. prayer,  
then ID 1800 3/12 (ST)

1300\*\*WJDA\*\*MA Quincy, hrd weak on DX test w/March Mx being played  
at 0235 then TT. looped out WFBR & strangely WMAK  
WERE must have been off or caused no trouble. Only  
QRM was static and a weak RR stn which turned out  
to be KOL (ST)

\*KMMO\*\*MO Marshall, DX TEST mostly o/QRM 0525 MM 2/28 (GBS)  
KOL WI Seattle, hrd weak giving WJDA some trouble, WFBR  
looped out, with ID 0244, then into RR, 3/20 (ST)

1340 WIZE OH Springfield, on top for a minute w/Mx 0255 3/16 (DP)

1350 CKLB ONT Oshawa, fair u/WIOU/KRNT w/Nx 1900 3/14 (DP)

1370 WTTS IN Bloomington, poor u/WSPD w/Mx 1923 3/14 (DP)

WGOH KY Grayson, poor u/WLTH w/s/off 1845 3/24 (DP)

1380 WMEE IN Fort Wayne, fair-poor w/s/on, then into Drake RR  
0501 3/6 (BWL)

KLIZ MN Brainerd; xlnt at s/off o/KWK/KUDL 0110 3/16 (DP)

\*\*KJET\*\*TX Beaumont, excellent w/ID on ET-RR Mx; said testing  
AM & FM 0524 3/13 (BWL)

1400 WJET PA Erie, good o/WNUS slop w/R&R 0135 3/16 (DP)

KUNO TX Corpus Christi, very good w/ID in EE, then into SS  
0600 3/13. SS slogan is "Kah-Uno" (BWL)

1420 KXOW AR Hot Springs, very amazing reception w/s/off 1900  
2/27 u/semi-local NSP KTOE (GBS)

1440 CJOI AB Wetaskiwin, fair w/ID: "Music, News, and information  
for the Parkland, CJOI, 14-40 radio", then MoR  
0535 3/6 (BWL)

\*\*WPGW\*\*IN Portland, most wanted Ind. station hrd on ET 0420  
3/13, only 500 watts (ST)

WDOW MI Dowagiac 3/20 1831 good slight WVON slop w/spot(RSK)

WNFL WI Green Bay, poor u/local WEEF slop w/spot 1558 3/14,  
much better after WEEF s/off 1900 (DP)

1450\*\*WWXL\*\*KY Manchester, hrd good w/ID mentioning f/c 0428 3/12,  
ran TT (ST)

1460 WKAM IN Goshen, fair w/nx 1901 3/13 (DP)

WBRN MI Big Rapids, poor u/WRAC/WPON w/s/off 1845 3/23 (DP)

WTMB WI Tomah, xlnt o/WPON/WKAM w/s/off no SSB 1900 3/22(DP)

1470 WYYY MI Kalamazoo, good o/WOHO w/s/off no SSB 1845 3/20 (DP)

1510 WJRC IL Joliet, fair 1900 s/off 3111, seconds after WAUK  
s/off, also unID SSB, maybe WINU, KPBC or WKPO (GBS)

WJCO MI Jackson, xlnt w/s/on 0645 3/21 (DP)

1520 WLUV IL Loves Park, good o/WKJR w/C&M mx 0851 3/24 (DP)

WBNO OH Bryan, good w/s/off 1845 3/19 (DP)

1530 WYGR? MI Wyoming, good o/WCKY w/ABC nx 1800 3/20. Apparently  
they've changed calls, ex-WERX (DP)

KSMN MN Shakopee, summer sked 0700-1900 w/inst. SSB (GBS)

1540 CHIN ONT Toronto, hrd w/s/off 1815 3/20, very strong (ST)

\*\*KPOL\*\*CA Los Angeles, testing axr poor u/ZNS 0330 3/6 (GBS)

\*\*WNIO\*\*OH Niles, not positively hrd on DX Test due to ZNS,  
only some tones and RR music (GBS)

WTKM WI Hartford, finally made it 1835 3/11, fair w/spots  
for Oconomowoc, WSMI QRM (GBS)

1550\*\*KIWA\*\*IA Sheldon, very good on DX w/slight XEBG; ID and  
instrumental music 0358 3/6 (BWL)

THIS INCLUDES ALL REPORTS RECEIVED BY 3/31. Please mail early!

EDITOR: Richard C. Evans

DEADLINES: 4/13 4/27 5/11 6/8 7/6.

\*\*\*\*\*  
 1550 KQWB ND Fargo, s/on 0700 ELT SM very good signal, no QRM  
 as almost nothing else on yeat in Midwest on SM (GBS)  
 1560 WRIN IN Rennselaer, fair u/WQXR w/SID 1845 3/19 (DP)  
 WTPS MI Portage, AM & FM s/on noted SM 3/12 LSR, so did  
 not change calls to WTMP unless announcer mad a  
 mistake (GBS) (WTMP is Tampa, FL--1150, no? and I  
 didn't realize WTPS had FM--they were off the air  
 for about a year for lack of money. I do know there  
 was an unassigned FM freq. in the "Hill City" area,  
 so perhaps? Will check in a couple of weeks or  
 perhaps Andrew Robbins can advise--rce)  
 \*\*WCNW\*\*OH Fairfield, xlnt sigs on ET w/TT 0202-0235 tuncout  
 3/14 (DP)  
 1570 WFUR MI Grand Rapids, poor u/WBEE w/s/off 1845 3/15 (DP)  
 KVRM SD Vermillion, poor u/XERF/CHLO w/s/off no SSB 1930  
 3/24, (DP)  
 1590 WTVB MI Coldwater, xlnt o/WLKR w/nx 2000 3/20 (DP)  
 WIXK WI New Richmond, fair u/WLKR w/s/off 1915 3/14 (DP)

PER THE LIST:

2nd TUE: WFTR-1450 VA (DP)

2nd SAT: KJEF-1290 LA (BWL)

4th FRI: KWYR-1260 SD (DP)

A TIP OF THE HAT THIS WEEK TO:

RSK - ROBERT KRAMER, 3406 W. Pierce, Chicago, Illinois 60651 (1)  
 BWL - BLAKE LAWRENCE; Box 803, Canon City, Colorado 81212 (3)  
 DP - DAVID PETERSON, 800 Humboldt Ave., Winnetka, Ill. 60093 (1&2)  
 GBS - GEORGE B. SHERMAN, 104 Pinewood Circ., Rosemount, MN 55068 (4)  
 ST - STEVE TRAFFE, Box 156, Dayton, Indiana 47941 (1)

Not much to say. Got a new set of wheels, so won't be much SSS DX  
 for awhile. Besides, I found an intermittent line noise that seems  
 to peak at IDs and s/off's. Can't complain to NIPSCO though as  
 one of their power poles is the end of my longwire. Noise is on  
 the loop too. KIWA v/f in last week, mentioned getting 63 reports!  
 Good to see that we had at least one well-heard test this season.  
 I'll leave the rest for Don Ericsson. 73. -30-

TENTATIVES TO DX ROUNDUP Do not hesitate to report tentatives to DXR if you have  
 some details. Don't report them just because you think  
 you might have heard a particular stn. And DO NOT report f/c's and DX Tests as  
 heard unless you hear an ID or have other positive evidence of reception. When  
 there is a question, use the call and ???? if there is good evidence. Otherwise,  
 use ???? in place of call. It should be embarassing to members who repeatedly rpt  
 DX programs and tests as heard when they are NOT ON!!! Also, dates should accompany  
 every single report, even DX Tests. If you are reporting a regular situation, "X  
 has been heard most mornings at .....", it is a good idea to include at least one  
 example of time/date; maybe the first or last but at least something to give the  
 membership an idea of the time period involved. This becomes especially important  
 during the summer when promptly reported stations will be up to 6 weeks old when  
 they appear in print. Editors of DX Roundup will soon receive an informal proposal  
 from Editor-in-Chief that certain uniform standards be applied to reports sent to  
 DXR with regard to their age. Except during emergencies when an editor must type  
 early or late, there should be some well-known guidelines on how old an item may be.  
 If you have any ideas, please state them in DX Forum, to your DXR editors, or to  
 Ed-in-Chief, DEE, alias publisher. -DEE



BILL NITTLER - 4590 So. Julian Street - Englewood, Colorado 80110

Veries in this week from: KAHL-1410, KPAR-1190, KRAM-1340 all v/1, for 2505 total. The KAHL verie brings my needed Nebraska total to 4: KRVN-880, KOTD-1000, KGMT-1310, & KNCY-1600. Complained about not having logged KBRR-1230 yet last time but managed to pull them in on the evening of 3/18 with a ski race at 2018. Now my most wanted one has to be KFLJ-1380. Will have to send a new report out to KRVN as they didn't answer an Aug. report for ET in daytime. Imagine they have been swamped with reports the way they get out. The anniversary issue was great! Didn't receive here until 3/16 but was worth waiting for! Watch for a new address for me sometime in the next two or three months. I served notice on my boss last night that I do not intend to continue on my job. Timing is indefinite as I don't have another job but we are looking for something in a small town in Wyoming, Colo., or my home state of Nebraska. The Denver area has lost its lustre for us after nearly 15 years. The pictures in the MONITOR are a welcomed feature! Will probably be in Omaha sometime around the first of April, Ernie, so watch out for me! 73.

ANDY BOLIN - 709 Lincoln Avenue - Charleston, Illinois 61920

Hi. This is my first report to the DXF so will introduce myself: I'm 19, been w/the IRCA since 10/70. Ready for a laugh? AM total 396...FM 629. (Sorry about that!) News from here is my local WEIC 1270 will very soon be 24 hours a day. Presently only a daytimer. I don't know about the power, but they'll be directional south. Chicken rock by day, progressive by night. Winter DX: KRY5-1360 WVAM-1430 WATH-970 WPHB-1260 WLMJ-1280 KALB-580 WOLD-1330 WSEV-930 WDXB-1490 WCSC-1390 CKWX-1130. 73 & likewise to KFJZ. (WELCOME to the DXF, Andy. Please report often. -LDB)

GEORGE B. SHERMAN - 104 Pinewood Circle - Rosemount, Minnesota 55068

RCE, support for CDXR decreasing may be due to increase in NSPers. I'm not going to report pests unless it's a sked or format change. WGH, significance of calls would be interesting, but don't see how it would help us DX-wise. Perhaps we do need something like this, though, to help fill the bulletins as DX becomes extinct. LBG, good to see you in the blue pages, and it will be even better to see you in the yellow pages. A few DX veries here, such as WYDK KLEB WOBR WHEX & others. JZ, I like graveyard DX records. JO, CHAK will never make it here unless somebody blows up XEMO/KONO. I may be stuck at 46 states & 8 provinces for as long as I'm DXing. GM, pirates are real challenges to ID & verify. They use low power & often unused frequencies like 1610 & 1620, with short broadcast hours. Usually it doesn't take long to recognize a pirate from a legal stn. I don't see how pirates became the subject of such criticism. To me, they are certainly better than 50kw non-DA NSP stations. And I can't agree that the FCC is getting lax towards pirates, they had the 2 young men from Yonkers facing 5 years in jail & \$10,000 fines! My local KDAN-1370 will probably apply for 5kw 24 hrs...now .5kw days. Guess who's soon going to be a SW/TV/FM DXer 100%, hi.

STEVE TAAFFE - Box 156 - Dayton, Indiana 47941

Greetings everyone. I would like to say at this time, Happy Birthday IRCA, even though it's a little late. Well, I've finally hit the 2 year marker of my excursion into DXing & have found these last 2 years very interesting & would like to thank DEE, PRK, & all the editors for making the IRCA the way it is, #1 by far in DX tips, etc. I'm sorry to see DF leave as editor because he sure built up the ECDXR. Here's a brief intro...I'm 18 years old & a senior in H.S. & am planning to hit the college scene next year & major in Broadcasting. DX shack here includes a Zenith 3000-1 9-band Trans-Oceanic with antennas being an IRCA loop, 100' LW(NW-SE) & a variety of other wires running everywhere. Other interests include SCing, CMing, jingle collecting, cassette tapesponding, collecting bumper stickers, etc. Dayton is an extremely excellent location for DXing as I've hardly no locals to contend w-(one is daytimer & other goes off @ 12) & nearest ones are 70 miles away & they are easily nullable so I feel pretty fortunate to live in this type location. Present totals for 2 yrs DXing: 1120/418/250, 48/48, 9/9, 25/10. Latest veries since last rpt: v/q CBN-#3 f/Nfld CBF WHBG-Va(took 1 yr & 3 mos) WHEX-DX v/f KLEB-DX WOCB-1240-Mass-DX WBAT-DX. 73's & I won't be able to make YAD because of school but am going to make RSK get-together, which should be a blast.



WM. "LARRY" COWLES - 2309 N. Columbus - Tucson, Arizona 85712

I'm a new member and this is my first report. I started DXing in 1960 and was real active till '65, about that time I graduated from H.S. then into service, etc. Jan. of this year started again. Use to be in the NRC & QTH was Ky. Was BCB editor for the Kentucky DXers Assoc. which has gone under. Old totals 860/644. New totals from this location, 141/89. I'm 25, married, no children, hold a 1st Class phone w/radar but have never used it for broadcasting. Equip. is junk, a couple of AM tuners. Ant 40' LW, 3' spiral loop. I hope to get a good rx one of these days if I ever get the funds. Many veries in: KHJ KHFH KINT KEFN KGFY WDAY WMAY KTJO KEEN KRGO KDEF KDKB KHEY WNOE KCBQ KGBS KKAT KIDO KKOL KCTA KBWD WREN WMT KOGO KIBE KTUF all within the last three weeks. Hd. KRVN w/ex. sig here 3/9. I believe KY was a better location, not many NSPers here, probable like that in KY now, too. Land line here is 502-793-8985. Hi to Tom Garcia. Like to hear from other Ariz. members. 73's.

AL OGRIZOVICH - 3128 N. Kolmar - Chicago, Illinois 60641

Hi gang. Well I'm verie happy as you can tell: v/l WSON-Scott Chase, KKEO-Dan Davis, WPJD-CM+rate card+religious info- Tomm Lynn Sneed, WJAM-Erle W. Hanna, WRAC-Dick Lange, v/q WHEX, WHN-William P. Durking, WSBA-CM+bumper stickers, WGNT-Carrall Kessell v/fl WTSO-Sherman Stern, v/r WSLI. Hope U all can or made it to the CGT gtg. Anyone got a v/s for CKY or KPH, hi! Well, keep the Peace and 73's.

JOSEPH A. MARKEWICZ - 1394 Elgin Avenue, W. - Winnipeg, Manitoba R3E 1B6

The licenses of CKVA-580 Edmonton, CFRC-1490 and a few more university operated AM & FM stations which were to expire on 3/31/ 72 have been extended by the CRTC to 3/31/ 74. Can't you see how excited JO is about CKVA staying on longer, hi. With some of the weird patterns some of my high powered regionals use, you sometimes wonder if they are operated at full power. CKY-580 supposedly beams 50kw N-S nights, yet I've been able to hear CKVA, WIBA, CFRA, KFAD, WKTY right here in Winnipeg. Just 40 miles N. of Winnipeg most of those stations come in with arm chair copy. CFAM-950 & CHSM-1250 both beam 10kw towards Winnipeg, yet KIMN, WWJ, KRSI are heard very good signals thru CFAM, and WEMP & KBRF are good under sometimes over CHSM. CKX-1150 is 10kw days but KIMM is usually heard over/under CKX all day & at SSS CKX doesn't hold up too well with KSAL, CJRC. KWKY running all over them. 73.

RICH EDDIE - 152 West Rose - St. Louis, Missouri 63119

Hi gang...hope DX has been good for everybody & those QSLs have been coming in. Welcome to all new members & especially to Mart DeTienne. DX has been pretty good with catches like KCRL-780 Nev., KSVB-590 Utah(#2 f/both states), KPAR-1190 N.Mex. & DX tests from KIWA-1550 Iowa, KGRT-570 N.M., & KIMM-1150 S.D. All other DX is in DXR. One QSL worth mentioning is the QSL for the KIWA DX test - great letterhead! Also I QSLed KXOW-1420 Hot Springs, Ark. w/ppc plus bumper sticker...v/s Bob Gipson-Asst. Mgr. Well seems like my 15 lines are almost up, so totals are 1013/573, 47/45, 6/5, 18/11 I better s/off so good DX & peace & 73's to all.

WALT BREVILLE - 9127 Coral Drive - St. Louis, Missouri 63123

To clear up any misconceptions about my article "Mysterious Receptions and Unearthly Things" in the March 4 DAM, it was NOT written as a satire article, although it may appear as such to many people unfamiliar with the facts of encounters of UFOs and strange unclassified animals and humanoids. Again, I recommend the paperback Our Haunted Planet by John Keel for very interesting and enlightening dope on these subjects, especially Chapter 14 which deals with mysterious radio signals. As far as satire goes, I enjoyed Fr. Jack's efforts, even though I did not understand some of it. A 100% DX bulletin is dull, and this is needed to spice it up, especially now with Capt. Glotz giving us competition! On the most powerful US stations: KNBR-680 & KNKX-1070 are definitely the best heard WCers this far east, in fact they are the only two stations on the WC that I have noted making it regularly on most MM's that I have listened during the last 7 years here. KFI is rough due to the Cuban QRM & local KXOK splatter. KSL-1160 belongs on the top ten list. I would delete WJR-760, while WLS-890 should be #2 or 3. I think WHO is better than poor performing. These impressions based on car radio listening on trips to Calif, Fla, & NY as well as from here. Thanks to Lynn for a job well done, the Central DXF won't be the same w/o him! (It's still stuck with me for awhile, Walt, hi. Note PRK's letter, hopefully this issue. -LDB)

BILL NITTLER - 4590 So. Julian St. - Englewood, Colorado 80110

V/1's in this week from KBRR-1230, WNIO-1540-dx, & KIMA-1550-dx. Total up to 2508. March has been my most productive verie month in nearly four years with 15 received to date. Only four reports left out since first of year so they should slow down. Have not DXed past two MM's due to lack of sleep leading up to them. Hope to hear KIMM-dx 3/27 as I'm one of them that didn't get a verie for the 1967 test. Rapid City has been a tough town for me with 3 out of 4 reported going un-verified. Format changes locally show KOA-850 & KGMC-1150 both heavily news oriented, anticipating the eventual KBTR-710 all news being switched to C&M as planned. KLZ is playing mostly oldies and soft pop music. KDEN-1340 is challenging KHOM-630 for the #2 spot with a similar format. KIMO-1060 now running a lot of SS programs in late afternoon so don't get fooled on SSS dx. KFML-1390's big thing of late has been ecological recordings. They played 3 hours of the ocean's roar one afternoon this week! Father Jack, I will not make the convention...in case I don't get around to sending in your form. Middleburg Heights in '73!

DAVID PETERSON - 800 Humboldt avenue - Winnetka, Illinois 60093

Hi. The static has really been heavy lately; it looks like it's going to be a long summer, hi. Have managed to log a few new stations, though, the best being KWYR-1260, WWBZ-1360, KRAK-1140, KAIT-1410, & CBA-1070. ST: Thanks for the tapes. Latest veries: v/q WWSW WQNT KWKH KKHI KMA WBT KFJZ KFUO+station history booklet WHEX-DX KRAK WVOK WMIX+cm; v/1 WIVS+cm WAKX+cm WDAF+cm KMMO-DX+cm KPCR+pamphlet KFDF WWBZ WWJ. Totals 396/185,37/34, 6/5, 5/0. 73.

MORRIS SORENSEN - God's Narrows, Manitoba ROB OMO, CANADA

Recent catches here include WSUI-910, CHQM-1320, XERF-1570, & WWCA-1270. Totals are now 209 heard/31 vfd. Haven't sent for many veries but have over 400 from Ontario. I can't agree with John Oldfield's proposal re splitting the NWT into 3 DX "provinces". It seems to me that with many govt offices being set up in Yellowknife, the Federal govt is tending to consider the NWT a single political entity with Yellowknife as the provisional capital. I therefore suggest leaving things as they are for the present until the govt clarifies its policy. I suppose I have the best chance of any member of logging Keewater (Rankis Inlet-1140) (Hope I read your writing right on those names? -LDB) but even my chances are slim...I had a fair measure of success in logging LPRT's in Ontario but none so far here. If any Canadian members know a good source of used communications receivers please let me know, as I really need one. 73. (The above report was written in Feb., but had dropped down behind some books & was temporarily lost. Sorry, Morris, for the delay in printing. -LDB)

ROBERT KRAMER - 3406 W. Pierce - Chicago, Illinois 60651

Hi. It has been awhile since I sent in a DXF & with the amount of DXing done lately it may be next DX season before you hear more from me. The only DXing done as of late is on MM's. Last MM I got Canadian prov. #7 in CHNS-960 Halifax, Nova Scotia. That rates as my best catch of '72 so far. As to the PSL, Tanner, Kamp mess, I find after looking at the booklet 9 slaves for 6¢ that the present administration had no basis to remove these 3. They merely supported DEE for his good work in the club & did not once say that DEE supported any of the other members, listed in the booklet. It also interests me why mbn was the only BoD member who told what members felt about this proposal. Could it be that the BoD which is supposed to be voting for the members (how they feel) could have voted the way they felt about it & not how the members reacted to it? It also interests me why a person who hasn't DXed in as long as I've been an IRCA member (1½ years) should be allowed to make the decisions of a DX club. Maybe you could answer this LDB? (I certainly hope members don't vote for persons for the BoD based on the amount or quality of DX which they are noted for. That to me is one of the least considerations. I look for longevity in the hobby, maturity, responsibility, contributions to the club & hobby, etc. before casting my vote for any candidate. And I have DXed in the last 1½ years, so that statement is in error. -LDB) I say it's time to eliminate the BoD & let the membership vote on all issues. So long LDB. 73.

LYNN D. BROOKS - 2109 Mary Street - Ponca City, Oklahoma 74601

As you will note in another part of this issue, (hopefully), I did not resign my position as Chairman of the BoD or editor of CDXF. I hope the CHILD who sent the letter to PRK & signed my name to it will cease his childish pranks & get to DXing. 73.

April 8, 1972

WESTERN DX ROUNDUP

Page 19

Editor: Bill G. Powers, 4155 Madrona Road, Riverside, CA 92504. Powerline: (714) 688-6318 (wkends & holidays only). Deadline: Fri. 4/14/72 for 4/22 issue. Please remember to dbl space between items, single-space w/in items, print or preferably TYPE your rpts on 1 side of page.

- =====  
(BB) Bill Block, 65 S. E. 73rd #K, Portland, OR 97215;  
Hammarlund HQ-140XA / SM-1.  
(MCC) Melville C. Coffin, P. O. Box 882, Mission City, B. C., CANADA;  
Trio 9R-59 / SM-2.  
(WLC) Wm. Larry Cowles, 2309 N. Columbus, Tucson, AZ 85712.  
(DEE) Donald E. Erickson, 6059 Essex Street, Riverside, CA 92504;  
Collins R390A/URR / Sanserino Loop.  
(MH) Mike Hardester, 401 Birchwood Court, Modesto, CA 95350;  
Hammarlund HQ-129X / SM -1.  
(BH) Bill Hardy, 303 W. 10th Street, Aberdeen, WA 98520;  
GE C-2510 clock radio.  
(PWP) Paul W. Petersky, 512 167th Northeast, Bellevue, WA 98008.  
(BP) Bruce Portzer, 14056 5th Avenue South, Seattle, WA 98168.  
Hallicrafters SX-96 / 4' box loop.  
(JLT) Jerry L. Thatcher, P. O. Box 3014, Nellis AFB, NV 89110.  
(REW) Dr. Richard E. Wood, Hilo, Hawaii.  
=====

- 570 KLUB UT Salt Lake City 3/20 0500 w/KLAC QRM. ID for AM-FM, EL mx. (REW)  
610 CHNL BC Kamloops wk u/KFRC //CJNL-1230 0333 3/24. Must be new. Assume DA on 610 protecting at least KFRC, maybe KONA. 1st QRM on 610 hrd in years after 0300. Power anyone? (BH)  
617 CJOR BC Vancouver spurious sig here 3/20 0423, strong, slightly distorted & hitting CKCK. (BP)  
630 CKOV BC Kelowna apparently AN 3/20 MM w/MoR. (BP)  
659m KSPC WA Seattle noted 3/27 1925 w/relig. mx. YL anncing. ID 1935 by male anncr. Checked by Mike Worst to verify loop bearing. Runs 12 watts from a church. Other source lists call ltrs as KSSR. (PWP)  
660 WNBC NY New York City local wx 3/20 0525 & thereafter. (REW)  
680 KNBR CA San Francisco has been noted AN for several MM's now. Haven't been able to check on a possible SunM SP. Now NSP? (MH)  
690 CBU BC Vancouver s/off 3/26 0310 w/"O Canada" o/u KKUA, XETRA. Never hrd on Oahu due to KKUA. (REW)  
690 CBF PQ Montreal fair w/Hockey scores in FF 0616 3/13. (MCC)  
710 WOR NY New York City poor w/ID 0555 3/13. (MCC)  
740 CB BC unknown poor w/CBC Focus feeds 0335 3/14, //CBXQ, KCBS nulled. (MCC)  
750 KFQD AK Anchorage 3/26 0315 ID, local spot, only Alaskan so far hrd from the Big Island. (REW)  
770 WABC NY New York City 3/20 0440 w/oldies, Ac. (REW)  
800 CJAD PQ Montreal 3/12 0606 fair w/ID. (MCC)  
810 WGY NY Schenectady 3/20 0535, Ac, temp. 14°. (REW)  
850 KTAC WA Tacoma 3/20 0455 w/local wx. (REW)  
860 CFPB BC Prince Rupert 3/22 0115 w/Canadian sports. (REW)  
KONO TX San Antonio 3/20 0455 w/local wx. (REW)  
880 KRVN NE Lexington request rpts "let us hear if you hear the new KRVN." 3/22 0015 & regular thereafter. (REW); 3/13 2145 w/some slop from KISN-910. (BB)  
920 KDES CA Palm Springs 3/27 0402-0418 w/ET (after sked f/c). Several IDs, RR mx. No QRM noted. (MH)  
KGAL OR Lebanon 3/26 0410 now running AN. (REW)  
940 KFRE CA Fresno testing w/various TT's on MM 3/20 various times. Gd sig. (MH)

980 KLYQ MT Hamilton 3/23 0801 s/on u/CKNW o/KUPI. (BP)  
 1010 KDJW TX Amarillo 3/12 0447-0508 fair w/C&W mx. (WLC)  
 1050 CKSB MAN. St. Boniface 3/22 0055 cl. mx. FF. (REW)  
 1060 KYW PA Philadelphia 3/26 0508 w/"KYW 1060 nx". (REW)  
 1080 WTIC CT Hartford 3/13 0457 fair w/s/on annct. (MCC)  
 KWJJ OR Portland hrd testing w/TT & mx 3/20 0317-0330 w/ID. Fair sig w/XEPRS slop. (MH)  
 1120 KMOX MO St. Louis way o/KPNW w/talk show & ID 3/22 2140. (PWP)  
 1130 KWKH LA Shreveport 3/28 0600 w/CBS nx local wx 0605, level w/CKWX. (REW)  
 1150 KAGO OR Klamath Falls BKB, ID in stn break "This is KAGO, Klamath Falls" 3/22 0135. (REW)  
 KIMM SD Rapid City hrd w/DX Test 3/27 0308-0338 w/light RR, many ID's, 1kHz TT, Anncr ID'd as Ron Hansen. KIIS QRM & sig was from gd-poor at times. (MH)  
 1190 KRDS AZ Tolleson fair w/KLIF looped 3/12 0510-0534 "Mutual for the Valley of the Sun." (WLC)  
 1230 CJNL BC Merritt 3/12 0214 w/KRDR nulled. (BB); ann. // 610-CHNL Kamloops "NL Radio" ID & nx 0300, then wx for S. central Interior then RR mx. ID again, clearer 0330. Easily atop & much easier than 610. (BH)  
 KMOR UT Murray popped in 3/27 w/wx & ID 0128. KCBN QRM. (PWP)  
 KDAC CA Ft. Bragg local wx 3/22 0205. (REW)  
 1240 KSON CA San Diego "K-SON Country, 10 after 2" 3/26 0510 C&W. (REW)  
 1250 WREN KS Topeka w/up tempo MoR o/u KWSU until KTW s/on 3/11 0215.  
 1260 CFRN ALTA. Edmonton "1260 Radio in Edmonton" 3/22 0210. (REW)/BP)  
 KPOW WY Powell fair @s/off 0007 3/22, w/organ mx, no SS. (JLT)  
 1270 KFJZ TX Ft. Worth fair 3/27 0145 w/spot for Moody Blues Concert & ID, RR mx. (PWP)  
 1280 KJOY CA Stockton "K-JOY nx" 3/20 0430. (REW)  
 1280 KTLK CO Denver fighting local KIT w/ID 3/27 0203 w/RR mx. (PWP)  
 1330 CKKR SASK. Rosetown s/on w/children singing O Canada 3/23 0745 then C&W mx. (BP)  
 1340 KATA CA Arcata ID 3/22 0130, generally dominant. (REW)  
 KOMY CA Watsonville ID 3/22 0302. (REW)  
 1360 KSCJ IA Sioux City 3/20 0633 gd w/MoR mx & nx. (BP)  
 KMO WA Tacoma not hrd 3/24 0355, KGB fair, no sign of KFIV. (BH)  
 Back on again 0405, annced had been on low power for awhile.  
 1390 KCEY CA Turlock spot for Turlock 3/24 0241 then RR. Mixed w/two MoR stns, prob. KSLM & CKKC. (BH)  
 KCBC IA Des Moines 3/27 0115 great sig MoR mx & ID. (PWP)  
 WFBL NY Syracuse strong w/nx & ID sounding like s/on (but wasn't) 3/20 0500. CKKC off for a change. (BP)  
 1400 KRPL ID Moscow ET-mx 0612 3/20. (BP)  
 KDRG MT Deer Lodge s/on SSB 0805 3/16 into "Country Express." (BP)  
 KXIV AZ Phoenix ID, This is KXIV in Phoenix, 55° the temp." 3/26 0805. Nice for 250 watts @ 3000 miles. (REW)  
 KATI WY Casper ET-TT 3/20 0535. (BP)  
 1430 KARM CA Fresno s/off no anthem 0301 3/20 w/CKFH nulled. No sign of KTYN DX. (BP); in w/Crosstalk Telephone prog. then s/off 0300 gave owner, etc., no SSB. 3/27. (WLC)  
 KTYN ND Minot not hrd on special test MM 3/20 0300-0330. Only KALI. (MH)  
 1440 CFCP BC Courtenay hrd w/s/off 0305 3/20 into GSQ. Fair sig & briefly alone on the freq. (MH)  
 KUHL CA Santa Maria s/on u/CJOI 3/20 0800 into Ai nx. (BP)  
 1450 KEST CA San Francisco hrd @ s/off 0300 3/12. (BB) // (REW)  
 KVEN CA Ventura ET 3/27 0505-0519 w/"soul mx"; sev. ID's, Fair w/UnID RR stn QRM. (MH); spot for local Ford dealer 3/21 0245.

- 1460 KENO NV Las Vegas EC DXers TAKE NOTE KENO seems to have Morse Code ID's between nx items. At least they did 0521 3/20. KENO nx is @ :20 & :40. (BP)
- 1480 KRED CA Eureka on RS MM 3/20 0415. Also on 3/24. May be NSP. (Night pattern map is N-S, strong sig north w/5kw, also due south into ocean, missing CA coast, KYOS & KWIZ.) (BH); 3/28 0535 w/ad for western shop. (REW)
- 1490 ???? UNID SSB s/on 3/24 0857, sounded like they said "Trihooma Radio Stn K???" w/xmtr on Fork Road in downtown \_\_\_\_\_. Power given as 1kw/250w. Atop momentarily but then wiped out by KBRO s/on seconds later. Help. (BP)
- KDBM UT Dillon gd sig for a GY @ 700 miles. Mx & PSA 3/24 1145-s/off 0002. (JLT)
- KBZY OR Salem "KBZY Salem Wx" RR 3/25 0300. (REW)
- 1530 KFBK CA Sacramento OFF SM 3/19 0440, TT hrd 0510. (BH)
- 1550 KOBY NV Reno poor u/KRGO w/local spots & ID. 3/24 0930. (JLT)
- KRGO UT Salt Lake City w/C&W mx & local spot. ID'ed as "CAR-GO". 3/24 0930. (JLT)
- 1560 WDXR KY Paducah fair 3/27 0306 after s/on w/ID. (PWP)
- KGHO WA Hoquiam my local off till 1019 3/25 w/technical trouble. KDFL NOT hrd tho, just KPMC & a local image. (BH)
- 1580 KLOU LA Lake Charles 3/27 0606-0612 w/RR, farm anncts, farm products spots, ID's as "Cluc" & annct was Ron Riley. Fair sig w/flutter-type fade, but doubt SR this early in LA? (BH)
- 1590 KLIV CA San Jose level KUDU, ID 3/23 0340. (REW)
- KCIN CA Victorville 4/1 1630 w/Top 100 of 1968 preventing reception of KUDU. (DEE)
- 1600 KLAJ CO Lakewood exc. sig w/Pepsi spot & wx 0228. (PWP)

In order to help me get this section out a bit faster (and make it a bit easier on your editor) I would like to suggest that you guys put your listings in order of frequency and follow the DXR format. Personally, I think it would be much more helpful to anyone reading this column if all information were put in a definite sequence; frequency, call location, date/time, details of reception like QRM/N, slop, etc., & how the sig came in as well, and THEN put your comments on programming, and related information which would be of value to other DXers, and LAST but certainly not least, please remember to initial your reports so we know who the guy was who listed the catch. Also, remember to include your address and your rx/ant., because some are interested to know what you used to get the catches you listed. As for listing stations in order of freq., the reason I say that is because all rpts are cut up into strips & stapled to a sheet of paper. By putting your stns in order (this is not mandatory) it helps the cutting-up process go a little faster. These are suggestions which I thought might help to make WDXR THE best section in the club. Well, enuf from me for now. CU in 14! BGP.

CONDOLENCES Our deepest sympathies are extended to Jim Critchett on the passing of his wife, Paulene, on March 23rd from throat cancer. May she rest in peace. Jim's address is 1540 Glenwood Dr., San Diego, Calif. 92103.

NASWA DUES RESTRUCTURED NASWA has announced in its April, 1972, issue of "Frendx" that third class mailing of their bulletin has been dropped. With the change to offset printing, the difference in postage was virtually eliminated. The dues are \$10 first class mail. Their second offset printed issue looks really excellent. For a sample, send \$1 to: NASWA HQ, P. O. Box 989, Altoona, PA 16603.

SPORTS NET INFO Allen Denny expects to have the first sports net info ready for publication in the early May issue of DXM; if you have any info to add, please be sure and send it to him. Allen's address appears elsewhere. -DEE



April 8, 1972

WESTERN DX FORUM

Page 22

Editor: Bob Jacoby, 556 E. Alvarado St., Pomona, CA 91767 (deadline: Thurs)  
Paul W. Petersky - 512 167th N.E. - Bellevue, WA 98008

It's been a 1/2 year with IRCA and I don't believe I have formally introduced myself. I'm 17 and attend Interlake High in Bellevue. Totals are 35 countries, 33 states, five provinces and who knows how many stns. I have mentioned equipment in previous rpt, but for those who would be interested I have a National NC-183d and an SM-2. My other interests are diverse. I really enjoy skiing. Also, I find time for camping, backpacking, cycling, and fishing. Would like to persue waterskiing and surfing. You might call me a music freak. My particular interest is in contemporary jazz and I have been tickling the ivories for ten years. Listen to 'bout everything from Arabic chanting to Bob Dylan. Photography is neat, although I have given up the darkroom due to expense. Stamp collecting and collecting wild mushrooms rounds it out. God's blessings & 657's over S9!

John Clements - L.A. Baptist College - 21726 W. Placerita Cyn Rd. - Newhall, CA (Zip is 91321.-BJ) Greetings all. I'm honored to be temporary CoF editor. I hope to have the list out by June 1 with a couple of changes. Firstly, indicate what song was used at s/on & s/off, if any. Secondly, all entries will be dated and if not received again within one year they will be deleted. Thirdly, I am thinking of changing the times to 10 pm and 6 am because many of us don't seem to make it up between 12 & 4. Any comments on this? Stopped in XEGM's studios this week and couldn't believe it. They are located in an ultramodern building. The guys there were very nice and told me that they used 10kw with a N-S pattern and send their programming live over phone lines. Didn't get to talk to them about KHJ because they were busy taping a program. Just added a AN/SRR-11 (14-600kc) rx. Longwavers please write. Anyone know of a HP 606 sig gen I can borrow to check the sensitivity of my R388 in the Los Angeles area? 73

Dr. Richard E. Wood - Dept. of Foreign Languages - LSU - Baton Rouge, La. 70803 (Vacationing in Hilo, Hawaii.) Nice to be reporting to the WDXF once again, thanks to a vacation on Hawaii's Big Island using my former HQ-180A and SP-600 which I left on Oahu. A DX-pedition to Lauhahoe Beach Park showed cx very similar to those I experienced in Lailua/Lanikai on Oahu two years ago. The same U.S. graveyard stns were dominant. For example: KDAC-1230, KOMY-1340, KPAT-1400, KVEN-1450. Except for new KRVN-880 and KCRL-780 no new loggings were made despite good rx's and an SM-1. This confirms what I had suspected, that in Lanikai I heard the great majority of possible U.S. mainland stns under normal cxs, with only DX tests, f/c's, and occasional bursts of good cxs offering new catches. I am planning trips to Mauna Kea (13,000 ft.) and a south shore location for some Pacific DX. Only island stn hrd in Hilo area is WSZO-1440. At Lauhahoe, 25 mi. from Hilo, KIPA-1110 Hilo is barely audible. KIPA manager is interested in DX, and may go on DXpedition with me. He is planning a new stn to cover Hawaii's SE corner. KIPA itself is having trouble--modulation problems, loud humming sidebands, and off air all AM 3/23.  
Bill Harang - 811 Nevada Ave. - San Jose, CA 95125

Greetings! DXing has been good lately. 1450 is a good freq for me before KEST s/on. Recent catches lately include KWEB-1270, KROW/KVRE-1460, KIML-1270 r/c, KPLY/KELK-1240, KGFX-1060 r/c, KLYQ-980 r/c, KQIK-1230 r/c, KATR-1320, KLWW/KRZY-1450, KWAC/KRZY-1450, KWAC/KSYC-1490, KRAM-1340, KRVN/KHWX-880, KXLF-1370, and KWSU-1250. Recent veries: v/q WHAS WSM v/1 CHUB-1570 v/f KGFX-1060. A correction to my 3/11 DXF rpt: KOPA should read KOPO. My 1/29 bulletin arrived on 3/14 finally. Mail via Third Class is not moving good to San Jose. I feel it gets ridiculous for a letter from Riverside via Third Class to take over a month to get to San Jose. It seems like the Pony Express can beat Third Class Mail service, hi! I'm thankful I'm not getting my bulletins via Third Class anymore. EST used in the bulletins this summer would confuse the ECers when reporting to ECDXR in my opinion. They would have to rpt the times an hour earlier than ELT. I'd say most of them are used to ELT in the summer. SCers pse write. 73's and down w/RF Pollution!



Sorry that I missed the Anniv. Issue, but family illness and other business prevented. Records show I wrote to the NRC, Denver, on 3/3/64 and to the IRCA 3/28/64. I dropped out later, then rejoined as DX interest increased. Many thanks to all who make this publication available and interesting for us. The Zondlo and Clements sections may get some support if time permits. The 1972 WRTH arrived 2/24/72 and BYB arrived on March 4th. Both are frequently helpful in Iding stns. Most of the following should probably in Bill Power's column, but here goes. I will begin on Sunday March 5th. KGB-1360, usually NSP, has been off several times lately installing a new antenna and xmitter, I have been told. KRUX, KMO, KFIV all have been hrd AN. KRRR-1360 Ruidoso, New Mexico s/on 0900 EST Sun. 3/5. WBAL-1090 Baltimore ided at 0617 on 3/6 then XEPRS came back on. KHCS-1010 Phoenix has religious programs from 0900 to after 0930; hrd thru KCHJ SS and KCMJ w/CBS. Reception rpts were sent to KBOW-550 thru KOY AN 3/11 and to KRVN-880 for 0700 s/on 3/12 Sunday. S/on at 0600 weekdays for KRVN. Mon. 3/20, no KTYN, but KEGL off 0306 and KELI nx 0321 thru KALI AN. CJJC-850 from 0550-0607 w/KOA off. Good Luck.

Brad D. Clark - 630 20th Ave. - Lewiston, ID 83501

Greetings to all DXers from the "Banana Belt". CX has been hot here lately with the addition of KOZI-1230, CJNL-1230, KFTM-1400 (!! ) KLIV-1590, KMOX-1120 (for state #25), KFWB-980, KICO-1490, KBKR-1490, all this in a little over 90 minutes! Mike Muench, your idea to put all the "pirates" on 1610-1730 is OK by me (maybe not the FCC, though, hi). If I remember right the 160 meter ham is in there someplace. Eric Tibbatts, KJRB is in Spokane, not Seattle, as you rptd in the 3/11 CDXR. They also ID as the "Rock of the Inland Northwest." Bill Raczko, Idaho is alive & well, but with not too many "powerful" stns, hi! Don't feel bad, Bill, I can't get Alaska either. DEE, I first fount out about the IRCA in S-9 magazine. Also, do you still give out New Member Packages? Not griping, just curious. Okay all you guys, REPORT TO YOUR RESPECTIVE ROUNDUP & FORUM. Peace & FB DX.

Bill Seeley - 1808 Bradford Way #1 - San Jose, CA 95124

Hi Gang. This is Bill reporting again. Haven't done too much DXing lately. I guess I really have to be in the mood. This is the first serious DXing I've done in about two months. Picked up XEW. It came in crystal clear with Mexican mx and nx. Trying to get WLS, I came across a new stn. It hasn't been on the air very long. It's KRVN in Lincoln, Neb. (It's in Lexington, Neb., Bill.-BJ) Lot of gospel mx and church hymns. I picked up their nxcast. They run nx for about a half hour. I don't know how much power it has, but the S-meter was 40 to 50 over S-9. January, I received a card from CFRB Toronto, Canada with a picture of Toronto's new city hall and I received a letter from CKWX in Vancouver. Am trying now for Mexican QSL's. 73 for now.

Kevin L. Slater - 4750 Verda Lane N.E. - Salem, OR 97303

Well, here we've passed another year in the life of IRCA and by far the worst. What kind of nonsense is this purge of three former members for notifying the membership of wrongdoings in the club's leadership. Are the leaders in IRCA afraid that the membership may find out what's actually happening. And then the ridiculous may find out what's actually happening. And then the ridiculous blackout on any comments pertaining to the proposals to oust these three members. Are your leaders afraid they'll be criticized for their actions. If so, they'd better find some other ego trip. To the leaders of IRCA: don't you think you should be a little more responsive to the needs and desires of the membership instead of wasting time and money on such activities? I see where we're losing members because of their dissatisfaction over recent events. At least some of the BoD members are in tune with the membership. Former KAPT-1220 is now KCCS w/religious/MoR programming; KROW-146 now oldies. Veries: KRVC-1350 v/1, KTOH-1350, & KIVM v/q.

Please remember the deadline here is on Thursday, nine days before the date of publication. I have been receiving a number of rpts on Friday and Saturday which in most cases are held over to the following issue.-BJ

Greetings. PRK informs me that the BOD has voted in favor of kicking out the three members in question. I can't protest this strongly enough, as IRCA has no legal ground to stand on. Nor can I understand why those who are in control of IRCA are always scared of a law suit over what goes into the DXM (in which cases the IRCA would have a hard time being taken into court, being a third party), but in this case, they have been notified that they would be taken to court over the unlawful acts by certain members, they go ahead with the act anyway. That's a very strange paradox! DX has been very good lately with excellent openings to the East & a remodeled rx (my TRF, Grant Manning made a number of improvements and will be publishing them in DXM so other TRF owners can improve their rx's). Congrats to Bruce Portzer on #1000! Good DX. Jay Murley - 1733 Candlestick - Newport Beach, CA 92660

I suspect that the expulsion controversy will be a feature of Forum reports for some time to come. The expulsion of Mr. Bryson for failure to meet club-associated indebtedness can hardly be considered questionable. The actions in regard to messrs. Lotsof, Tanner, and Kamp will be regarded by many as an infringement of their civil rights in what has been defined as a democratic environment. If there was clearly demonstratable libel or slander in the electioneering, restricted only to one side--and to three people on one side, I hope the board majority spells this out. If this isn't done, then some will feel that the victors expelled the leadership of the vanquished without due regard for the civil liberties that must be protected in any democracy.

Mike Hardester - 401 Birchwood Court - Modesto, CA 95350

Only recent veries have been v/l's: KSVN-730, KGAL-920, & KALI-1430. Thanks to Joe Worcester my SM-1 is now back in operating condition, but cx haven't been too good. A map which may be of value to foreign DXers is available from Farrell Lines, Inc., One Whitehall St., New York, N.Y. 10004. Request the Farrell Lines Map of trade routes of the World. It has cities listed that are usually not found in other sources; however, it oftens neglects to list cities which are usually found in most sources. No charge, but a postcard or 8¢ stamp, so you can't go far wrong. 73 and best of DX & Cx.

Bob Jacoby - 556 E. Alvarado St. - Pomona, CA 91767

My apologies to Dave Christensen and Jay Murley for the approximate two month delay in publishing their reports. They were placed in a separate file when received because the "blackout" in effect at the time applied to the contents of the two reports. Unfortunately, this file was misplaced by yours truly. By the way, just to set the record straight, I was opposed to the three expulsions. 73 and good DX.

FORGERY Regarding top of page 3, the forgery probably comes as little surprise to those familiar with the actions of the so-called free speakers. Having received a copy of the letter in question, it was clear the writer did not take much effort to disguise his or her handwriting. Without going into the identity of the person writing the letter, it can be said that the letter erases most any danger of the threatened lawsuit by the members expelled from the club. -Don Erickson

LOTS MORE COMING On a brighter note, as this bulletin goes to 'press' the mail brings another 5 stencils in addition to two already on hand and typed by DEE. With the TVA voting sceduled for next issue and a couple of other features planned, it will be a real feat to hold the bulletin to 34 pages, 3 oz. If your next bulletin is even later than this one, please bear with your publisher. I LIKE TYPING but this issue was a little more than I had in mind. In addition to everything you see typed at pub. hdq. this issue, two additional stencils were typed before it was realized there wasn't sufficient space. Next issue will not have the pressures of this issue, that of having to try and finally catch up with all the material. But it does look like there will be a lot of material. Most importantly, don't stop rptg; get on the bandwagon and let's make EVERY issue this fall 3 or 4 oz's. We can easily break 1000 pages for the season with YOUR help. -DEE, publisher

April 8, 1972  
Quentin K. Brown  
59 Kenilworth St  
Ottawa, Ontario  
Canada, K1Y 3Y5

NEVADA

Page 25

The "Sagebrush State" is one of the few states that has become easier to log in the past few years. The low station density (21 stns) combined with a high number of daytimers (6) and graveyarders (9) leave only six stns operating at night on regional or class 1-B channels. Nevertheless, two new stns do get out well. KCRL-780 is your best bet on their dull AN MM class. music show. The third MM frequency check from ND KLUC-1140 is also widely heard. However the real sleeper is KOBY-1550. With a severe null west to protect KKHI-Sanfrancisco a DX test or ET from this stn would be a real gem as KOBY is the only Nevada station that beams east.

Most of this "Silver State" lies in the Great Basin. This high dry plateau lies between the still higher Rockies to the east and the Sierra Nevada mountains to the west. The name 'Nevada' is a Spanish word meaning "snow clad." Heavy winter snows fall on the Sierras and on the mountain ranges that cross the basin from north to south. But the basin is very dry. Less rain falls per year in Nevada than in any other state. Thusly, much of the state is desert covered with sagebrush, cactus and greasewood. Carson City is the smallest state capitol. Sagebrush is the state flower and the Mountain Bluebird is the state bird.

630 KOH Reno, 5000:1000, AN - 6 SP MM 0300-0800, NBC & McClatchy Broad. Sys. (KFBK, KMJ, KBEE), MoR & SF Giants baseball. ND days. Beams south nightly w: a null north to protect KIDO-Boise, Id. To SF Bay area o: KHOW. To NW easily MM w: KIDO off w: CHED nulled easily (90° apart). Also SSS. E to Ind. once on a MM. Nice blue and white verification card.

780 KCRL Reno, 50000:50000, NSP (reduce pwr to 10000w MM 0400-0900), "very conservative MoR instrumentals with no vocals." ID as "The 50,000 watt voice of Nevada." Their signal has been heard in New Zealand, the Aleutian Islands, Guam & Wake Island among other places. Multitude of rpts from the WC. Nightly, major lobes are SW (directly towards San Francisco) and North. Tiny lobes E & SE. Major nulls are south and NE. Easiest Nevada stn on WC. Tremendous signal to NW w: Cl. mx all night at 100% modulation. Gets out well on groundwave, too. East of Reno is another story. SSS to Alberta & nightly w: WBBM nulled. Further E, in Manitoba, WBBM becomes more of a pest & KCRL is rare. Often to Ind. on a MM 0300-0400 but few IDs make for hard log. The time slot 0300-0400 is the best time for eastern DXers. The stn phone # is (702) 322-9145. Sends a nice letter. Euell Labhard is v:s.

920 KOLO Reno, 5000:1000, AN SP MM, Mutual, MoR. "The sound of the Sierras." Sister stn of KORK. ND days. Nights, main lobe is west w: minor lobe east and a null north and south. Best to NW on a MM w: KGAL off. Other nights mixes w: KGAL-Ore. & KXLY-Wash. Hrd on auroras, too. Nightly to Hawaii o: KGAL & KXLY. Poor signal E. V:l from Bruce Zieminski.

KORK Las Vegas, 5000:500, AN SP MM 0300-0900, NBC, MoR w: L.A. Dodgers BB & U. of Nevada BKB. "The radioasis of Las Vegas." Night pattern beams NE & SW. Stn conduct on the air ETs during May & or June w: no particular sked. Good W w: KOLO. Occ to NW w: mucho KOLO & KGAL. Rare to Man. w: CFRY off w: KDAL & WOKY. Furthest rpted rption is Wyoming. V:l. SoM # 4

- 970 KVEG Las Vegas, 500d, Mutual, C & W. ND. "K-VEGas Country." Phone # (702) 735-8644. Began broadcasting in 1962. Doesn't get out. Once to NW SunM. Friendly v:l from Ray Wood.
- 980 KVLV Fallon, 5000d, C & W. "The Voice of Lahontan Valley." Began May 9, 1957. Was once heard in Vermont on RS and in New Zealand on an ET. They verify rpts if not too many rcvd at one time. Strong to the NW at SSS s:off w: KINS & CKNW QRM. Phone # 423-5858. Sends a v:l or v:memo.
- 1140 KLUC Las Vegas, 10000d, Top 40 Rock. "The Southern Nevada Giant." "Three in a row radio." Fair SSS to NW thru KGEM & KRAK. Depending upon cx, the 3rd MM frequency check 0300-0330 can make it to the EC. Recently hrd by all who tried for r:c on EC except for QKB! R:c is merely a duplication of FM prog. with few IDs. This is definately a good bet for Nevada at this time. Phone # 735-5147. Verification letter from C.E.
- 1230 KELY Ely, 250:250, 1100-2300. Very rarely hrd due to limited sked. Verie policy unknown.
- KCBN Reno, 1000:250, AN SP MM, psuedo Drake rock mx. Best to NW on a MM w: KWYZ & KROR off. Not hrd as often as in past.
- KLAV Las Vegas, 250:250, NSP, CBS & Ai, MoR & Cal. Angels BB & L.A. Lakers BKB & UCLA Bruins BKB. Occ good to the Bay area. Occ to the NW after 0300. Rare to Hawaii. V:l & CM from the CE.
- 1240 KELK Elko, 1000:250, 0830-0200, ABC & Internountain Network, MoR with some C & W. "Voice of Northeastern Nevada." Started 12.8.48. Most distant rpt is from Nebraska. Irregular at any distance. Phone # 738-7118. CE sends a v:letter.
- 1270 KBUB Sparks, 5000 days, C & W. Serves Reno. Once to NW at s:off. Pattern is a north and south cardioid with a null west to protect KBLC in Lakeport Cal. Reluctantly sends a v:letter.
- 1280 KVOV Las Vegas, 5000 days, soul music w: some religion. "The Big 1 28 KVOV, Las Vegas." Began b'casting in 1951. Phone # is 384-1548. Once to NW at s:off w: KIT. Listed 4th MM 0315-0330 r:c never hrd. Letter verification.
- 1300 KPTL Carson City, 5000:500, 0900-0300, ABC, C & W. "The home of modern country for northern Nevada" and "capitol radio." Professional sound for a small C&W stn. Only stn in the capitol but regrettably doesn't get out. Creaned by KOL in NW. Directional pattern has main lobe west, lesser lobe east. Null north and null south (to protect KYNO-Fresno Cal.). Main lobe west is reason furthest report is from Pomona Cal. (Bob Jacoby?) Null north was to protect KOL. Ex KRWL. Phone # 882-1319. Sends a memo verification when time permits.
- 1340 KRAM Las Vegas, 1000:250, NSP off irreg., Ai, C & W. Good to Bay area. Potent signal to NW MMs on AN show w: CFFC & KMEL QRM nulled. Occ at SSS. Started in 1949. Phone # 736-1920. V:l.
- 1400 KBMI Henderson, 250:250, AN SP SunM, seni-class. & MoR. "KBMI means Better Music Instantly." Best to NW when KTNT-Tacoma off or nulled. Non-verifier. -- SOM # 4 pg. 29

1400 KWNA Winnemucca, 1000:250, 1000 - 2200 Mon to Sat, 1100 - 2200 Sun. MoR with some C & W. ID as "Serving northern Nevada, KWNA Winnemucca." Undoubtably the rarest of all stns in Nevada. Nobody reported them. Reports will be verified with a v:l from Jim Boner who reports that reception reports are welcome but to his knowledge they have never received any!

1450 KONE Reno, 1000:250, NSP, Ac, "progressive Top 40," Occ to Bay area. Much better signal to NW on a MM when 1450 is clear. Very pesty at this time and definately one to look for. V:l.

1460 KENO Las Vegas, 5000:1000, NSP off occ MM, semi tight Drake rock, IDs as "KENO Las Vegas, where the search for the world's greatest music ends." ND days and at nights there is a tight directional pattern north east towards Wyoming & south west to San Diego. Tight null east and west to protect KDON Salinas California. Phone # 735-3511. Clutters up 1460 in the west nights on MMs after KDON 0400 s:off and until KMWX returns on at 0800. E to Man. w: much CJOY-Ont. & KSO-Ia. QRM. Not heard in the east for several years. CE sends a QSL card.

1550 KOBY Reno, 10000 daytime only, Ai, MoR. ID as "If you like our music tell a friend." Phone # 747-2500. Beans N,S & E with a very sharp null west to protect KKHI. Unspectacular signal SSS to NW due to 1540 & 1560 daytimers. Occ conduct ET's at midnight on Sundays. A DX test from this stn would really get out.

The Good Guys !

- Dave Christensen, 3434 39th Avenue West, Seattle, WASH 98199
- Bill Hardy, 303 West 10th St, Aberdeen, WASH 98520
- Joe Markewicz, 1394 Elgin Avenue West, Winnipeg, MAN R3E 1B6
- Tom McCormack, 275 Littleton St, West Lafayette, IND 47906
- Dave Oliphant, 798-16 St. N.E., Medicine Hat, ALTA
- Bruce Portzer, 14056 5th Avenue South, Seattle, WASH 98168
- Steve Taafe, Box 156, Dayton, IND 47941
- Jerry Thatcher, FR556929412, Box 3014 Nellis AFB, NEV 89110
- Dr. Richard Wood, Dept. of Foreign Languages, L.S.U., Baton Rouge, LA 70803

This column was compiled in collaboration with Jerry Thatcher who had access to most of the stns and was able to provide a great deal of material. If any of you are stationed in a rare state as Jerry was and would like to see the state featured please drop me a line and we'll feature that state. I tried something new this time by leaving a space between the stns. Do you, the membership feel the added readibility & appearance warrent the wasting of five or six lines per page ? Thanks for the kind words in recent DXMs. Thanks to all the contributors, and to Jerry Thatcher. 73 - QKB  
SoM # 4 - - - - - PE 30 - - - - -

Flash Tips KNBR-680 San Francisco and KRED-1480 Eureka, Calif., are both now NSP per Mike McCullough. KXLR-1150 was hrd by Michel Breger with an unlisted frequency check. And Bruce Portzer reports that formerly NSP CKKC was off MMs 3/20 and 3/27. CPC Results appears on page DXWW-7. Please send only material of this nature (above) for flash tips. Reports of your rare catches, appreciated as they are, do not make suitable material. New stations on the air, new f/c's, changes in CoF list and anything else which genuinely should not wait for the following issue's DXR or DXWW is welcome. During the summer, please send information directly to the DXR and DXWW editors except for the MM prior to date of issue. The object of the whole thing is to get that extra MM's info into print. -DEE

The province of Nova Scotia contains 2 CBC owned stations, 15 privately owned stations, and 11 LPRTs. Only 9 of these stations were reported as heard. If you have not heard NS, your best bets would be CHNS-960, CBI-1140, or CJCB-1270 depending upon the locals in your listening area. Well, here's what has been heard:

- 790 CFDR Dartmouth, 5KW, NSP, MoR, no ads MM; weak to Ottawa MM w/WTAR nulled; possible non verifier
- 860 CBH Halifax, 10KW, CBC owned; appears to be a good bet for anyone out of XEMO range; to Ottawa once at SSS w/CJBC nulled to Alta at 0500 s/on; last hrd in Ohio in 69; v/q
- 920 CJCH Halifax, 10KWD 5KWN, NSP, MoR; to Ottawa MM mixing with CKCY; v/1
- 950 CHER Sydney, 10KW, off MM only; hrd in Ohio during 67 NRC test; sent v/1
- 960 CHNS Halifax, 10KW DA-N, NSP(off irreg), C&W, ID's as "The Big 96"; S to NY w/WWDJ & WPEN, to Conn w/CFAC; E to Ottawa on MM, to Ill w/WFIR, not hrd in Ohio since 69; blue & white v/q, same one used for FM & SW, v/s M. Farrest
- 1000 CKBW Bridgewater, 10KW, s/on 0500, MoR, protects WCFL nights; S to Conn before WCFL s/on at 0600, E to Ottawa at LSS, to Ohio at s/on in 66, was hrd in Calif in 55 during a DX Special; v/q w/picture of the Bluenose, has been hrd in 7 prov, 39 states, and 11 countries
- 1140 CBI Sydney, 10KW DA-N, 0445-0000, CBC owned, CBC type programs; WRVA s/on at 0455; S to Conn and NY, E to Ottawa and Ind w/Cuban jammer, to Alta but difficult w/CKXL & WRVA; v/q
- 1270 CJCB Sydney, 10KW DA-N, Radio Building, 318 Charlotte St., owned by Cape Breton Broadcasting Ltd, has a SW parallel on 6010, s/on 0445, WXYZ s/on 0500, C&W; S to Conn & Pa, to NY at SRS, E to Ottawa & Ind w/KFJZ nulled; green & white v/q
- 1320 CKEC New Glasgow, 5KW, off MM 0006--0500, hrd in NY at SRS

Many thanks to the following:

- Budd Bailey 8800 Wenner Road, Williamsville, N.Y. 14221
- Quentin K. Brown 59 Kenilworth St., Ottawa, Ontario K1Y 3Y5
- Brian L. Cartwright 106 Leila St., Johnstown, Pa. 15905
- James E. Critchett 1504 Glenwood Drive, San Diego, Calif. 92103
- Karl Forth 142 East Division, Villa Park, Ill. 60181
- Stephen Howe 16 Windsor Road, Great Neck, N.Y. 11021
- Ronald J. Musco 16 Chestnut Drive, Windsor, Conn. 06095
- John Oldfield 11623 84th St., Edmonton 20, Alberta
- William E. Raczko Route 2 Box 70, Swanton, Ohio 43558
- Steve Taaffe Box 156 Dayton, Ind. 47941
- Dr. Richard E. Wood, Dept. of Foreign Lang, LSU, Baton Rouge, La. 70803

Well, that's it for this province, hope I am still around to do the next one. There was only one contributor the last time NS was done which means that to keep this pace I will need 132 contributors for the next province, which is Ontario. Send your tips now to:

David Oliphant 798-16 St. N.E., Medicine Hat, Alberta

73's



Broadcasting Information (as compiled by Mike Worst) Mar. 20 and 27 issues

WKNR	1310	5kw	Dearborn, Michigan	requests WNIC
WVOZ	1400	500w-D 250w-N	Carolina, Puerto Rico	to lkw-D, 250w-N
WERX	1530	500w-D 250w-CH	Wyoming, Michigan	granted WYGR

Canadian info from Information Canada, as of November 1, 1971

CBAX	600	40w	McAdam, N.S.	new
CBOA	1090	40w	Wawa, Ontario	new
CBQB	1200	40w	Rae, N.W.T.	new
CKDA	1220	50kw	Victoria, B.C.	from 25kw
CFGN	1230	250w	Port-aux-Basques, Nfld.	new
CBDR	1230	40w	Schefferville, Quebec	from 250w
CBXX	1240	40w	Rainbow Lake, Alberta	new
CFEK	1240	1kw-D 250w-N	Fernie, B.C.	new
CKBX	1240	250w	100 Mile House, B.C.	new
CBMO	1240	40w	Lac Megantic, Quebec	new
CHWO	1250	10kw-D 5kw-N	Oakville, Ontario	from lkw-D, 250w-N
CBOG	1360	40w	Verner, Ontario	new
CKFH	1430	50kw	Toronto, Ontario	from 10kw
CBOH	1440	40w	Field, Ontario	new, privately owned LPRT
CHAS	1450	40w	Aroland, Ontario	new, privately owned LPRT
CHOP	1450	40w	Gull Bay, Ontario	new, privately owned LPRT
CHEW	1450	40w	Lake Helen, Ontario	new, privately owned LPRT
CHAP	1450	40w	Long Lac, Ontario	new, privately owned LPRT
CHIP	1450	40w	MacDiarmid, Ontario	new, privately owned LPRT
CHOX	1450	40w	Pays Platt, Ontario	new, privately owned LPRT

Presunrise Service Authorizations

The following 50+ stations have been granted PSAs since the last listings in DXM, over a year ago. These do not necessarily include all PSAs but these are the ones that have been sent in by Mike Worst; both lists are very old; April and October of last year. If you are interested in a complete list of PSAs, as prepared by Dan Myers early in 1971, send a legal-size self-addressed envelope to Don Erickson. The list is 17 pages, two columns per page or over 1500 stations.

WJMW	730	1kw-D	Athens, Alabama	117w
WLOR	730	5kw-D	Thomasville, Georgia	26w
KTRY	730	250w-D	Bastrop, Louisiana	50w
WVIC	730	500w-D	East Lansing, Michigan	160w
WXMT	730	1kw-D	Merrill, Wisconsin	500w
WMGY	800	1kw-D	Montgomery, Alabama	179w
KAGH	800	250w-D	Crossett, Arkansas	71w
WJAT	800	1kw-D	Swainsboro, Georgia	500w
KXIC	800	1kw-D	Iowa City, Iowa	428w
WKEE	800	5kw-D	Huntington, W. Virginia	216w
KBIF	900	1kw-D	Fresno, California	31w
WSWN	900	1kw-D	Belle Glade, Florida	52w
WEAS	900	5kw-D	Savannah, Georgia	229w
WLSI	900	5kw-D	Pikesville, Kentucky	376w
WKAJ	900	250w-D	Saratoga Springs, N.Y.	72w
WKJK	900	500w-D	Granite Falls, N.C.	500w
KMCO	900	500w-D	Conroe, Texas	117w
WAFC	900	1kw-D	Staunton, Virginia	250w
WECO	940	1kw-D	Wartburg, Tennessee	234w
WYPR	970	1kw-D	Danville, Virginia	250w
KFWJ	980	500w-D	Lake Havasu City, Ariz.	500w
WCRI	1050	250w-D	Scottsboro, Alabama	100w
WAUG	1050	5kw-D	Augusta, Georgia	84w
KUPK	1050	5kw-D	Garden City, Kansas	27w

(continued other side)

Broadcasting Information (continued)

KPXE	1050	250w-D		Liberty, Texas	15.5w
KCAS	1050	250w-D		Slaton, Texas	16w
WBZB	1090	1kw-D		Selma, North Carolina	16w
WMWM	1090	1kw-D		Wilmington, Ohio	5.4w
✓ KBND	1110	10kw-D	1kw-N	Bend, Oregon	500w
KVSA	1220	1kw-D		McGehee, Arkansas	50w
KIBE	1220	5kw-D		Palo Alto, California	170w
WKTZ	1220	1kw-D		Jacksonville, Florida	100w
WLTO	1220	250w-D		Miami, Florida	58w
WSAF	1220	1kw-D		Sarasota, Florida	305w
WAVN	1220	5kw-D		Stillwater, Minnesota	361w
WMDC	1220	250w-D		Hazlehurst, Mississippi	66w
WKBK	1220	1kw-D		Keene, New Hampshire	500w
WSOQ	1220	1kw-D		North Syracuse, New York	500w
WENC	1220	1kw-D		Whiteville, North Carolina	500w
KZEE	1220	250w-D		Weatherford, Texas	3w
KASY	1220	250w-D		Auburn, Washington	168w
KGUY	1270	1kw-D		Palm Desert, California	55w
WSLW	1310	5kw-D		White Sulphur Spgs, W. Va.	500w
KMRN	1360	500w-D		Cameron, Missouri	500w
KPCO	1370	500w-D		Quincy, California	500w
✓ KAGE	1380	1kw-D		Winona, Minnesota	500w
✓ WIZO	1380	1kw-D		Franklin, Tennessee	500w
WAPR	1390	1kw-D		Avon Park, Florida	500w
WYNA	1550	1kw-D		Raleigh, North Carolina	7w
WKKS	1570	250w-D		Vanceburg, Kentucky	250w
WMLO	1570	500w-D		Beverly, Massachusetts	500w
WDEW	1570	1kw-D		Westfield, Massachusetts	384w
KLEX	1570	250w-D		Lexington, Missouri	194w
WTCL	1570	500w-D		Warren, Ohio	135w
KTAT	1570	250w-D		Frederick, Oklahoma	20w
KOHU	1570	1kw-D		Hermiston, Oregon	195w
WTRB	1570	1kw-D		Ripley, Tennessee	233w

1972 FM Atlas and Station Directory While IRCA covers strictly the standard broadcast band, a large percentage of IRCA members are interested in FM and TV DXing. Bruce F. Elving, a member and editor in the Worldwide TV-FM DX Association (WTFDA), has prepared for FM DXers the equivalent of the NRC Log. It consists of two parts. Part I is the FM Atlas. 30 pages of regional maps indicating the locations (by city) and frequencies of all FM stations. Part II is the Station Directory. It lists geographically the call letters, frequency, city, program information, coverage radius, and stereo/vertical polarization information for over 3000 FM stations in the U.S. and Canada. In addition, there is a map and list of the FM stations of Mexico and tips on improving FM reception at home or in the car. The offset-printed booklet, 48 pages, is \$2.50 3rd class mail, \$2.75 first class. \$3 for Canadian and foreign orders, surface mail. Order copies from: Bruce F. Elving, FM Atlas Publisher, P. O. Box 24, Adolph, Minnesota 55701, and be sure to mention you read about it in IRCA's DX Monitor. (Note: Bruce is a former IRCA member, having joined back when thought was being given to adding FM coverage to IRCA; Bruce was a charter member of the then-NRCI).

Convention Transportation Clearinghouse Dan Myers, 2650 104th St., Toledo, Ohio 43611, phone 419-726-4348, has volunteered to informally handle requests from those who need transportation or riders to the San Diego Convention '72. Dan is also looking for riders to share expenses to San Diego. So, if you are planning on driving and need riders to help with the expenses, or if you need transportation, let Dan know. Don't forget - San Diego IRCA Convention 1972 is less than 12 weeks away.

WPMH Portsmouth, Virginia 1010 kHz "Radio Station WPMH goes on the air today with nostalgic programs based on the radio entertainment of the 1920s, 1930s, and 1940s. Old radio serials like Lum 'n Abner, the Green Hornet, Inner Sanctum, and Lights Out, will be offered. The new firm, known as the Chesapeake-Portsmouth Broadcasting Corp., is owned by a partnership, Ralph D. Epperson and Dan D. Cameron. The broadcasting studio is an acoustical marvel costing in excess of \$300,000. The station will broadcast news for 10 minutes on the hour and 5 minutes on each half hour. The 6-man news staff is headed by Christian Walters. Jack Walters, who started out in college acting in the old "Lone Ranger" radio dramas, is general manager. There will be a live orchestra playing on the Breakfast Club with Jolly Jack, and an organ is installed in the studio. Walters said he hopes to offer other radio serials like the "Lone Ranger." The music of such oldtime greats as Bunny Berrigan, Fanny Brice, Al Jolson, Eddie Cantor, Coon-Sanders Orchestra and the like will be featured. WPMH is said to be the only radio station in the nation based on the nostalgic music and programs of the Golden Age of Radio. The call letters signify Where Pleasant Memories Happen." -1/9/72 issue of "Virginian Pilot," Norfolk, Virginia, sent in by Paul Hill

Radio Warns Oregon Drivers (UP) "The Oregon State Highway Division has gone into radio broadcasting in an effort to aid motorists and to make life easier for highway maintenance crews. A 14-mile stretch of U.S. 26 here, over the shoulder of Mt. Hood, is covered by radio transmitters that broadcast road conditions 14 hours a day during the winter. It is the first such use of radio in the nation. Motorists are advised by large roadside signs that they can tune to the station at 1580 kHz on their radios. Robert N. Bothman, highway maintenance engineer, said the program is still experimental. But if it works, other mountain passes will be equipped with similar systems. U.S. 26 is a major east-west route and is the shortest distance between Portland metropolitan area and several heavily used ski resorts on Mt. Hood. This is an area where an overnight storm can clog the highway with 2' of snow. The highway is dangerous, with snow an average of 60 days each winter, and the roadside depth gets up to 9'. A tape player in the highway engineer's office here is connected by telephone line with seven roadside transmitters. A stack of 25 prerecorded messages, which cover a variety of road and weather conditions, is available for the foreman to broadcast. The messages are repeated every minute. When a motorist tunes his radio to the proper spot, he hears background music and then a feminine voice comes on the air with, "This is Molly of your Oregon State Highway Division Radio Information System." Then she proceeds to tell motorists what the road conditions are up ahead. If chains are going to be needed to get through, she tells them where the chain-up areas are along the roadway ahead. The roadside transmitters purposely have a very limited broadcast range in order not to interfere with other FCC-authorized channels. It will take another winter of evaluation, Bothman said, before the highway division is convinced that the \$8000 investment in broadcasting is effective and should be tried in other mountain areas. Success of the broadcasts will be measured by any lessening of traffic congestion over the pass. -3/28/72 Denver Post via Bill Nittler, Englewood, Colorado

IRCA Newspaper Publicity in Denver An article entitled "Medium Waves" and written by William Glenn, Denver Post Special Writer, (the pen name of Glenn Hauser, IRCA Board of Directors member), appeared in the Sunday, February 13, 1972, issue of the Denver Post. The lengthy article dealt with the club, its purpose, publication, and free reprints, as well as DX programs, listing WBRW, WEEZ, WAYT, WNIO, and KSRM. The offer of sample copies of DX Monitor and free reprints brought several dozen inquiries, all of which were supplied the requested information. Once the sample copies are received, we can expect some new members in the Denver metro area. In addition, requests were received from Wyoming, Missouri, and New Mexico. If any member in the Denver area would like a list of those to whom samples were sent, please drop a postcard to DEE and allow 4 to 6 weeks to receive the complete list. Thanks to Glenn Hauser for the very fine article on the hobby and the club & to Ross Harp, Jr., Boulder, Colorado, for sending along the clipping from his paper. -Donald E. Erickson, address front page

KFKF CONFIRMS PENDING SALE REPORT "Owners of KFKF have confirmed reports that the stn is being sold, but have declined to give further details. Industry sources named the buyers as Edward Hearn and Stuart Ballinger, formerly associated with KIXI AM-FM. Hearn was stn mgr of KIXI and Ballinger was a major stockholder. KFKF, the only commercial stn in Bellevue, Wash., broadcasts from studios in Bellevue Square. Its 1000w AM tx is located near the Factoria interchange, and its 100kw FM tx, one of the most powerful in the state, sits atop Cougar Mountain. The stn is awaiting approval of the FCC to increase its AM power to 25kw. KFKF AM-FM presently employs a staff of about 20 persons. It is the Seattle outlet of MBS. -Paul Petersky from Bellevue nypaper via FJP

EARLY DAY DXER The Dec. 23, 1971, Aberdeen (Wash.) Daily World, in its "World Gone By" section (highlights from old newspapers), reported this one: 50 years ago - Dec. 23, 1921. "Lyle Clark of Hoquiam today received some publicity because he heard a radio broadcast originating in California, 900 miles away. The tones were said to be clear and distinct." -Bill Hardy

SPORTS NET INFO AND SPECIAL FEATURES Any listings of sports nets you can obtain should be sent directly to the IRCA Sports Networks Compiler, Allen Denny, P. O. Box 300, Brule, Wisconsin 54820. All special feature material (news clippings related to DX/radio, articles and features you wish to write, etc.) should be sent to IRCA Special Features Editor, Bill Hardy, 303 10th St. West, Aberdeen, Washington 98520, unless it is of particular time value in which case it should go directly to the publisher. See Father Jack Pejza's DX Worldwide this issue for more information on what material goes to him.

CKBC GOES ON THE AIR At 5:30 pm, Friday, July 30, 1971, 100 Mile House received its first broadcast from its new radio station, CKBX. The CKBX 1240 kHz signal is broadcast from Williams Lake via B.C. Tel transmission lines. The local studio is situated in the former Evangelical Free Church building here in town. Mr. Ken Wilson is manager of the new station. He comes to CKBX with 6 yrs of broadcasting experience behind him, having handled Sports and News Broadcasting at CKCQ, Quesnel, and CKKC, Nelson. Mr. Wilson will be responsible for all phases of broadcasting at CKBX. The asst. mgr is Mr. Dave Hesbitt who was an Oceanographer in the Marine Science branch of the Federal government before joining Cariboo Radio here in 100 Mile House. At present there are 3 hours of broadcasting a day originating in 100 Mile House. The rest of the programming is network material, transmitted from Quesnel to Williams Lake, then to 100 Mile House. (CKBX-1240 is 250w ND, 0900-0300 ELT). -August edition of the 100 Mile House Free Press, via Larry Killick, received in Oct. 71; delayed like so much other material for lack of time/space to properly format such material into the bulletin.

University Radio Licences Renewed "6 university radio stations facing an imminent death sentence have been handed a 2-yr reprieve by the Canadian Radio-Television Commission (CRTC). The commission announced Monday (2/28/72) that the licences of radio stations CFRC and CFRC-FM Queen's University, Kingston, Ont., CJRT-FM, Ryerson Polytechnical Institute, Toronto; CKUA and CKUA-FM, University of Alberta, Edmonton; and CJUS-FM, University of Saskatchewan, Saskatoon, have been extended to March 31, 1974, from April 1 of this year. The licences of these stations were to expire March 31 under a government order June 4, 1970, which prohibited the CRTC from granting licences to provincial government agencies and certain educational institutions." -Feb. 29, 1972, issue of "Calgary Herald" sent in by George Kesteven, Calgary.

CONDITION OF FREQUENCIES LIST John Clements, Rm 222, L.A. Baptist College, 21726 W. Placerita Canyon Rd., Newhall, Calif. 91321, is looking for your contributions to the 1972 IRCA Condition of Frequencies List. The information needed is the silent period of all-night stations, if any. Those with no regular silent period (SP) are NSP (no silent period). The sign-off and sign-on times for SPs should be represented in this manner: KZZZ Off MM only 0100-0600; all times should be ELT. If you have any questions, write directly to John. The 1972 list is expected to appear in the June 17, 1972, issue of DXM.

ONE LESS BY MIMEO - WORLDWIDE TV-FM DX ASSN This issue, IRCA offers hearty congratulations to the Worldwide TV-FM Association (WTFDA) on their upcoming switch to offset printing. The March 1972 issue of VUD (VHF-UHF Digest) was delayed due to mimeograph breakdown. The April issue will be the last issue by mimeo if all goes according to plans. Dues have been slightly increased to pay the additional costs of offset printing. Third class is to go to \$6 from the present \$5.50 and first class is to go to \$9 from the present \$8.50. The new dues take effect May 1, 1972; you may still join at the old dues until that date. First class mail is recommended for the same reasons as in IRCA.

The club has a large supply of the new WTFDA TV STATION LIST on hand. The list includes US, Canada, Mexico, Cuba and Costa Rica. The list is \$2 from WTFDA HQ, P. O. Box 163, Deerfield, Illinois 60015.

It has been found that a very large number of DXers either combine FM and/or TV with BCB DXing or move into FM/TV from BCB. As an example, the March, 1972, issue of VUD lists IRCA members John Baldwin, Toledo; Mike Collins, Conn.; Bob Foxworth, N.Y.; Alvin E. Harvey, Mass.; Jim Herkimer, Maryland; Joe Markewicz, Winnipeg; Floyd E. Perry, Calif.; and former members Angel M. Garcia, Flushing, N.Y.; and Elroy W. Shelley, Jr., Milwaukee as new members for the month. The bulletin, VUD, has such familiar editors as IRCA Frequency Check List editor Roger Winsor and IRCA BoD member Dr. Richard E. Wood handling the FM-DX reports and IRCA BoD member Glenn Hauser doing the Statistics section, a combination of Bruce Portzer's Foreign/Domestic DX Records and John Zondlo's Graveyard Records. Other familiar names reporting in the March issue include former members Frank Aden, Boise; Shelby Remington, Conn.; Gil Morgan, Garden Grove, Calif.; Dave Egan, Quebec; and members Andy Bolin, Ill.; Dave Bright, Iowa; Frank Merrill, Mich/Ohio; Joe Fela, N.J.; Russ Brown, Mich.; Frank Wheeler, Penna.; Bill Migley, Ohio; Mort Meehan, Calif.; Dick Clark, Ft. Lauderdale, Fla.; Tom Yingling, Maryland; and others.

If you would like a sample copy of "VUD", send 50¢ to the address in the second paragraph. If you would prefer a copy of the new offset bulletin, it is suggested you include \$1 and allow sufficient time for the first offset issue to be published. Whether you order the TV Station List, request a sample copy, or send along your dues to join WTFDA, don't forget: BE SURE and tell them you read about it in IRCA's DXM. They will appreciate knowing where you learned of the club.

Editorial Reprinted from SPEEDX The following editorial was written by Serge C. P. Neumann, Scheidler Apts. #286, Muncie, Indiana 47304, and appeared in the April, 1972, copy of SPEEDX. Serge is a former IRCA member, having attended the San Diego IRCA Convention in 1965.

"In a matter of a few months, the 1972 ANARC convention will be upon us. And this year, it looks to be one of the best to date. With fine people such as Jerry Berg, Steve d'Adolf, Mike Macken, and Christopher Lobdell making up the Convention Committee, it's no surprise that the potential of the convention is great indeed. But while the potential for the 72 convention is great, some inherent flaws exist. We're faced with an apparent increase in registration and room fees, a still stodgy industry unwilling to provide representatives and demonstrator products, and a sense common to many newcomers, that they do not belong to such affairs. Given our economic situation, we can easily overlook the rising costs of such an affair. Perhaps with time the manufacturers will come around. But the newcomer to the hobby deserves special attention. I firmly believe that it is the responsibility of experienced convention-goers to urge hobby newcomers to attend such a convention...to urge him to avail himself of the kind of pleasure, fun and knowledge such an experience can offer. The convention committee can do only so much. We've got to help a little too! And though I firmly rebuke unbased attacks on conventions and their value, I do believe that the maximum potential of conventions have yet to be realized - specifically because the newcomer's voice hasn't reached the convention floor."

-excerpted from DX MONTAGE, a feature of SPEEDX; for information on SPEEDX, send SASE to Box 321, Santa Ana, Calif. 92702. For sample copy, include \$1.



April 8, 1972

ANARC 1972 CONVENTION BOSTON The 1972 Convention Committee of ANARC, hosting the convention in Boston, Massachusetts, comprised of Jerry Berg, Steve d'Adolf, Chris Lobdell, and Mike Macken, request you assist them in planning the 1972 ANARC Convention by answering the following five questions:

1. Name and complete mailing address:
2. Do you plan to attend the convention, to be held sometime in the second half of July, 1972? It will be a Friday night, all day Saturday, and Sunday morning affair--expected registration fee--around \$10 (including Sat. dinner and Sunday breakfast, but not motel room).      \_\_\_definitely \_\_\_maybe \_\_\_doubtful
3. How do you plan to come? (method of transportation)
4. What areas of the hobby would you like to see emphasized?
5. Please include any specific suggestion for the program.

The preceding five questions should be answered on a separate sheet of paper; please mail the answers to: Steven P. d'Adolf, 16 Westgate Drive (Apt. 201), Woburn, Mass. 01801, and indicate your membership in IRCA so they'll know where you read of the convention.

IRCA 1972 Convention Please take note of Serge C.P. Neumann's editorial reprinted elsewhere from the pages of SPEEDX; his comments are as pertinent to one convention as another. And past experience has shown that many of the younger or newer members do not avail themselves of the opportunity to attend a convention even when it is near. The problem probably has many causes. A few that come to mind after attending nine official club conventions and many smaller DX meetings are, 1) distance, cost, transportation; 2) timing of the convention; 3) a feeling you might not fit in. My personal experience indicates that the factor which most severely limits the potential of a convention is number 3. Naturally, few members, whether they are young or old, can afford to travel half-way across the country to attend a weekend convention. And many members can't attend because school, employment or other activities interfere. But another factor must be present when a convention doesn't even attract all the local members. And the fact that many younger DXers/members feel that conventions are probably deadly formal coat-and-tie affairs where they would feel out of space has contributed to the problem of attracting the newer/younger DXers/members to conventions. The solution is probably in three parts: 1) We must demonstrate that "conventions" are actually nothing but large get-togethers with an informal tone and for the sole purpose of having fun. This can be done in part by publishing photos of the action at previous conventions. 2) Local get-togethers prior to large national conventions with the sole purpose of acquainting DXers with each other. Suggested size, under 10. Personal invitations by letter or phone to those who have not met other DXers or attended meetings. 3) Every DXer who knows what conventions are really like should take it upon himself to invite DX friends to the convention; work together in your area to provide transportation where possible or make arrangements to travel together by bus, etc. By taking the initiative, conventions can get larger turnout and, more importantly, those with a borderline interest in the club/hobby can be spurred to greater activity for the benefit of the club and the hobby. Speaking now in specifics--the IRCA Convention 1972 in San Diego: make your plans to attend and encourage your friends to do the same. IRCA is the only ANARC club which publishes the names and addresses of all members on a regular basis so this provides a good base from which to work. If you know of other DXers in your area but haven't taken the initiative of meeting them, do so now. Organize small DX meetings such as were held in San Diego every month from November through about April 1965 for the purpose of convention planning. They were primarily Sunday afternoon meetings so that the planning did not have to be extensive. All you have to do is decide to have a Sat. or Sunday meeting and mention it in DXM. Get to know your local area fellow DXers and club members. You'll be glad you did. If you have any questions, write to either Percy Kesteven, President, or DEE, publisher.

DON'T FORGET TO RETURN THE ANARC QUESTIONNAIRE BY ANSWERING QUESTIONS ON A SEPARATE SHEET OF PAPER AND RETURNING TO THE ADDRESS INDICATED AT TOP OF THIS PAGE. -DEE

Pirate Silenced by FCC (UPI) "Radio Free Naptown," an "underground" radio station, was silenced Saturday - maybe - in the early AM raid by federal authorities at a northside house here. First Assistant U.S. Attorney John E. Hirschman identified seven persons as charged with operating an unlicensed radio transmitter. They were released on their own recognizance pending a March 24 probable cause hearing. Hirschman said, however, that broadcasts identified as "Radio Free Naptown" have been going on intermittently for six years and that the alleged station raided may have been only the latest in a series of several operating simultaneously. Hirschman said investigators tried to act while the station was on the air but were foiled when two persons entered the house and apparently alerted those inside. Broadcasting ceased immediately then, he said. He said the new arrivals spotted a car occupied by two FCC field engineers which has "antennas sticking out all over it like a porcupine." The raid was at 7:30 a.m. Those charged were identified as Scott Lines, Michael Croup, Mark Hamm, Michael Casey, Thomas Fletcher, Larry Roberts, and George Copp. Their ages ranged from 23 to 30. "We found seven fellows and six girls there," said Hirschman. "None of the girls was charged, on the theory that they probably did not have the electronic know-how to put the thing together and operate it - and no women's voices were heard on the air." Hirschman said it was believed the clandestine station operated on both AM and FM frequencies. He said there was a 50' aerial in the back yard with an FM antenna on top of it. If there ever were wires from the tower to the house, he said, they apparently had been taken down. One disconnected wire was found as if it had been yanked off at a window, he said. Reports were the house seemed like a "hippie" commune. Authorities seized the electronic gear, but did not estimate its value. "It apparently was a fairly straight disc jockey type of operation," as far as programs were concerned, according to Hirschman. -datelined Indianapolis (Naptown) and sent in by John Zondlo, Muncie, Indiana; name of paper and date not indicated; probably about March 20

KBPS Portland, Oregon 1450 kHz 250w SH (by Elaine Cogan) "KEPS, Portland's only public broadcasting station, is the second oldest station in Portland and will be 49 years old in March. It is the only AM school-financed medium in the country, and operates daily except Sundays. The program schedule, available from the station, reflects the many purposes of KBPS, according to Dr. Patricia Swenson, manager. The station aims to supplement learning experiences of school children by presenting interesting programs on subjects such as history, math, science and current events which youngsters can listen to in the classroom. Study guides written by teachers help integrate the programs into the school curriculum. The KBPS advisory council, with 20 reps from the community, advises on programming content, and helps promote the station's offerings. A direct result of the group's interest in community affairs is "Metro Concerns," produced by the Junior League on Saturday afternoons. "Schooline," a new phone-in program, is aired on Tuesday evenings. An open invitation is extended to Portlanders to call in questions about the schools and receive an answer from informed participants. Additionally, the station provides live coverage of school board and school advisory committee meetings, local sports events, important conventions and other newsworthy activities. KBPS also is a career training center for students in the Portland public schools. The studio and transmitting facilities are located at Benson High School, 546 NE 12th Ave., Portland. Benson students operate the technical facilities under skilled supervision, and many go on to careers in broadcasting. Boys and girls throughout the school district are welcome to audition for positions as announcers, sportscasters and program moderators. Many broadcasts are written and produced by the students." -taken from an article by above-named writer entitled, "The Citizens' Radio Station," appearing in a Portland newspaper and submitted by Mike Northam (Publisher's note: KBPS is one of three stations on 1450 kHz licensed to Specified Hours. Those present hours are not known. Back in 1938, KBPS operated on 1420 kHz, the forerunner of the present 1450 kHz, with 100w; address was identical and the schedule was 11:00 AM to 12:30 PM and 3:00 to 5:00 PM, each school day. KBPS was established in 1923. The preceeding taken from Radio Annual 1938, a 960-page hard cover directory of radio and television (!!!) published by "Radio Daily" mag.)

April 8, 1972

Military Surplus Sales If you are over 18 and not an employee of an agency of the Federal Government (U.S.) or in the immediate family of same, you are eligible to bid on military surplus items. Quite a bit of electronic equipment is sold every week, most of it by sealed bid. Your publisher noticed a couple of years ago, a large number of loop antennas. This past month a Collins R390A receiver was sold. Hundreds of typewriters and office machines are sold week after week. In fact, the type of material sold is unlimited. Anything the government purchases and can't use or can't repair at a reasonable cost is sold. The sales are usually sealed bid but some are spot bid (bidding in person) and some are auction, the familiar method whereby bids are accepted one at a time and individually raised. The surplus sales offer some real advantages to those able to take advantage of them. But there are drawbacks. The quantity of any given item is often past the point of believability and total weights may be as little as, say, 25 lbs or as much or more than 10,000 pounds. Reading the listings is often like checking the availability of left-handed monkey wrenches. One example: Insulator: strain, porcelain. 11,230 each. Est. total wt.: 56,150 lbs. It is almost a necessity to inspect the property before bidding; those working 9 to 5, M to F, are usually out of luck. But someone with irregular hours and transportation for hauling the purchase home can get some unbelievable electronic equipment. It should be noted that only certain persons connected with the government are barred from bidding. If you have any question, you should check. Ex.: if your father is in the Air Force as a pilot or if you're a draftee in the Army, the chances are excellent you are eligible. Only those connected with the sales are barred (for obvious reasons). Anyone may obtain the catalogs issued several times a month, regardless of age or status. To obtain an application to be placed on the mailing list, send your full name, address, and ZIP code, to DOD Surplus Sales, P. O. Box 1370, Battle Creek, Michigan 49016. Ask that "Bidders List Application" be sent. You then fill out the detailed application specifying which types of items (from several hundred) you are interested in and in which geographical areas you wish to bid. A computer then matches your interests with the items/their locations and you receive any catalog containing any item in which you have an interest. If you bid, you automatically receive a list of the high bidders for each and every item. Or you can request the list of high bidders for any sale. Instructions and a Bidder ID card are sent upon return of the "Bidders List Application."

XEMMM Tijuana 800 kHz Spurs Grant Manning advises by card that XEMMM is generating a spurious signal at 800 kHz + and - 26.6 kHz. They were S7 on 826.6 kHz at 0100 EST 3/23/72. And barely heard on 800 kHz.

TRFs Larry Flegle, 200 Delaware Ave., #21, Norfolk, Va. 23504, advises that his local dealer still had TRFs & hadn't heard they've been discontinued. Larry says the price is still \$27.95.

ANARC Member Clubs The following clubs have full ANARC member status. When writing for information, include a self-addressed, stamped envelope. If you desire a sample copy, write for cost. Only a couple offer free samples.

American Shortwave Listeners Club, 16182 Ballad Lane, Huntington Beach, CA 92649  
 Canadian International DX Club, 169 Grandview Ave., Winnipeg 16, Manitoba  
 Midwest DX Club, P. O. Box 8522, Miami, Florida 33124  
 National Radio Club, P. O. Box 99, Cambridge, Mass. 02138  
 Newark News Radio Club, 215 Market St., Newark, NJ 07101  
 North American Shortwave Association, P. O. Box 989, Altoona, Penna. 16603  
 Worldwide TV-FM DX Association - see elsewhere for details and new address

ASWLC sample is 75¢; CIDXC unknown; MWDXC believed 25¢; NRC free; NNRC probably 50¢; NASWA suggest \$1 as they just switched to offset; WTFDA; same. Not listed: IRCA, sample copies 25¢. Associate member clubs are: Club des DXers du Quebec, Idaho DX Association, Rocky Mountain DXers Assn, and Virginia DX Assn; details on request.

When you write to any radio club for information, always be sure and tell them where you obtained the information.

daytime absorption of radio skywaves. At dusk, when the radiation from the sun becomes weaker and eventually disappears, fewer negative ions are disassociated and thus the concentration of free electrons drops, almost completely disappearing at night.

At higher levels, the distance between particles is greater on the average than in the lower D region. Hence the probability of a collision between an electron and an ion or molecule becomes smaller. For instance, at 80 km in the D region, a particle travels an average of about 4 millimeters (1/5 inch) before colliding. At 100 km in the E region, it must travel about 9 cm (3 1/2 inches), while in the F region, it must travel many hundreds of meters (thousands of feet). Just for comparison, at sea level, a gas particle travels about  $8.6 \times 10^{-6}$  cm (0.000003 inches) before colliding with another gas particle. Since there are fewer collisions at the heights of the E and F1 layers than in the D region, it takes longer for the electrons to disappear by recombination. At night there is a lowering of the concentration. However, it has been noted that the E and F1 layers do not entirely disappear at night, even during the long polar night. In fact they continue to exhibit their usual daily increase and decrease even during the long absence of sunlight. The reason for this is not clear. Ionization due to meteors has been suggested. Upward movement along the geomagnetic field lines into regions where the density is too low to allow for recombination might be responsible for the durable F1 layer. Other possibilities which have been suggested include solar wind particles penetrating into the magnetospheric "tail" of the earth and then coming back upstream, as it were, into the polar regions. It is also possible that aurora-like low energy particles continuously bombard the polar caps.

Occasionally there are "clouds" of ionization call "sporadic E" at low E layer altitudes. This may be due to heavy ions deposited at these altitudes by meteors. If the proper wind conditions exist at these altitudes, the heavy ions may form a layer that would be very highly conductive.

#### The F2 Layer

Above the F1 layer, starting at an altitude of about 250 km, another layer of electrons has been discovered. At one time it was thought that this was just another Chapman layer, similar to the D, E and F1 layers. However, serious discrepancies appeared between the observed daily variations in the electron density and the theoretical values and rates of recombination. Since the theory just didn't fit, the scientists went back to the drawing board and came up with a more acceptable explanation. Two reactions are believed to take place:



The first is an ion-atom interchange. The atomic ion  $O^+$  changes place with a nitrogen atom in the molecule  $N_2$  to produce a molecular ion,  $NO^+$ . In the second reaction an electron recombines with the molecular ion  $NO^+$  to form atomic nitrogen and oxygen. It is believed that just above the F1 peak the concentration of molecular nitrogen ( $N_2$ ) drops. This would occur above the peak of the molecular nitrogen layer mentioned earlier. As the concentration of  $N_2$  drops, so too does the amount of  $NO^+$  produced by reaction 1, simply because of a lack of nitrogen. As a result, in this region reaction 2 does not take place to any great extent because of the lack of  $NO^+$  ions. Without reaction 2, electrons remain free and their concentration increases. Another factor governing electrons is their weight. Since they are much lighter than the molecular ions, they diffuse upward more rapidly, thus further increasing their concentration upward. At present, it is thought that at the peak of the F2 layer, the effects of diffusion and recombination are equal. Below the peak, the governing factor is the combined processes of electron production and loss, whereas above the peak it is the diffusion of electrons and ions. The F2 layer does not recombine at night because its presence is governed more by the presence of molecular nitrogen than on solar radiation.

### Changes in the Electron Layers

As mentioned above, the D, E and F1 layers are governed by the energy that they receive from the sun. As a region of the ionosphere goes into the earth's shadow, electrons are no longer produced, and the process of recombination proceeds unhindered. The electron density keeps on dropping until sunlight again strikes the region. During summer, when the daytime electron concentration is very high, the level to which the electron concentration drops just before sunrise still might be very high, compared with the winter level.

As the earth progresses around the sun in its yearly path, the angle at which the sun's rays hit any spot changes. During December, for instance, the rays come in at a much lower angle in the northern hemisphere than they do in June, and the rays spread out more. Thus it should be that the electron concentrations in the various layers should be lower. There is one other factor which slightly changes this. Since the earth is actually closer to the sun in December than in June, the intensity of solar radiation is slightly stronger. This has the effect of producing a greater electron concentration in the F layer.

As most DXers know, the number of sunspots changes in an eleven year cycle. Changes in the solar activity somehow affect the number of electrons present in the ionosphere, but the exact reason is not clear. Perhaps the increased solar activity increases the geomagnetic field of the earth, thus allowing more electrons to be trapped. The absorption of radio waves does increase in years of high solar activity.

On occasion the sun sends out flares, or streams of charged particles. When they reach the earth, they cause disruptions in the Van Allen belts of charged particles high above the ionosphere. Electrons and protons fall from the Van Allen belts into the ionosphere, changing the electron concentrations drastically. Gordon P. Nelson, in his lengthy article on Medium Wave Signal Paths in DX News has described fully what happens on such occasions when "auroral" conditions are produced.

### PART II

Radio Waves and the Ionosphere

So far we have seen that the atmosphere contains regions with high concentrations of electrons. We are now interested in seeing what happens to a radio wave as it enters one of these regions. To begin with, in order to simplify the explanation, let's ignore for the moment the magnetic field of the earth which, as we shall see, is influential in the way that radio waves are absorbed.

A radio wave has associated with it an electric field. This field exerts a force on charged particles in the ionosphere. Since electrons are much lighter than the positive ions, they are more strongly influenced by the wave's electric field. In fact, the effect of the electric field on the positive ions can be ignored since it is negligible in comparison with the effect on the light electrons.

The force exerted on the electrons causes them to vibrate along a path which is parallel to the flux lines of the wave, or in other words, is at right angles to the direction of the wave. The lower the frequency of the wave, the greater will be the sizes of both the vibrations of the electrons and the average velocity of the electrons. Changes in the velocity of the electrons will be 90° out of phase with the electric field of the wave since the moving electron offers inertia reactance to the forces acting on it. Since the electron is a charged particle, its vibrations produce a charging electric current, which in turn makes the electron act like a small antenna, taking energy out of the initial wave and re-radiating it in a different phase. Since there are many electrons vibrating, the wavelets produced by each will be in phase in certain directions and out of phase in others. In general, the wavelets will add up to produce a strong wave in the forward direction; in other directions, the combined waves will produce a weak wave.



Editor Father Jack Pejza, 3266 Rutmeg St., San Diego, Calif. 92104. Deadlines: April 14, 28, May 12, June 9, July 7, August 4, Sept. 1, 15, 29, Oct. 13, 20, 27, etc. Telephones: 714-282-0076 or 714-282-2184. Use GMT (EST +5 hours) in reports, one side of page, preferably typed in order of frequency and by section.

Medium Wave Stations in Lima and Callao, Peru, March 1972--Richard Clark

<u>Freq.</u>	<u>Slogan</u>	<u>Power</u>	<u>Location</u>	<u>Schedule</u> EST	<u>Programming</u>
560	Radio Oriente	5 kw	Lima	0700-2400	rr, Chinese, 8-12mid
625	Radio Erpa	10 kw	Canete		mor
640	Radio Del Pacífico	10 kw	Lima	0630-2330	Religious
650	Radio Regionalista	1 kw	Ica		mor
670	Radio Tirge	1 kw	Callao	0800-2400	rr
680	Radio Independencia	1 kw	Ica		rr
700	Radio Aeropuerto	1 kw	Lima	0700-0100	good music
760	Radio Mar	10 kw	Lima	0600-0200	rr, vals
780	Radio Victoria	10 kw	Lima/Victoria	0630-0200	rr, vals, novelas
800	Radio San Juan	.5 kw	Huaral		rr
820	Radio Libertad	1 kw	Lima	0530-0200	Cumbias
854	Radio Nacional	10 kw	Lima	24 hrs NSP	rr, vals, huayno
880	Radio Unión	50 kw	Lima	24 hrs NSP	rr, vals sports
900	Radio El Sol	10 kw	Lima	0530-0400	rr, huayno
930	Radio Central	50 kw	Lima	0600-0100	mor, vals, sports
960	Radio Panamericana	20 kw	Lima	0600-0200	good music
985	Radio Programa	5 kw	Lima	0700-0100	novelas
1010	Radio América	50 kw	Lima	24 hrs NSP	rr
1040	Radio Onda Popular	10 kw	Lima	24 hrs NSP	rr
1060	Radio Exitos Mil Sesenta	1 kw	Lima	0800-0100	rr
1080	Radio Nacional 1080	10 kw	Lima	0530-2400	huayno
1100	Radio Musical	1 kw	Barranca		mor
1130	Radio Selecta	2 kw	Lima	0630-2330	classical
1160	Radio Once Sesenta	5 kw	Lima	0630-0100	rr-ee
1200	Radio Lima	2 kw	Lima	0600-0100	rr, vals
1250	Radio Miraflores	5 kw	Miraflores	0600-0100	rr
1270	Radio Huacho	1 kw	Huacho		rr
1280	Radio Revolución	10 kw	Lima	0600-2400	vals, rr, sports
1290	Radio Andina	1 kw	Huancayo	0600-0400	huayno
1300	Radio Atalaya	1 kw	Lima	0600-0100	rr
1320	Radio La Crónica	10 kw	Lima	0600-0100	novelas, rr, mor
1340	Radio Huaral	.2 kw	Huaral		rr
1360	Radio Excelsior	1 kw	Lima	0500-0200	rr, huayno
1370	Radio Exitos	.5 kw	Huacho		rr
1400	Radio Callao	3 kw	Callao	0600-2400	vals, rr, sports
1420	Radio San Isidro	1 kw	San Isidro	0600-2400	rr, hard rr
1440	Radio Continente	1 kw	Lima	0600-2400	rr
1460	Radio Catorce Sesenta	5 kw	Junín	0600-2330	good music
1471	Radio Inca del Perú	1 kw	Lima	0530-2300	rr, mor,jj
1500	Radio Santa Rosa	10 kw	Santa Rosa	0600-2300	classical- mor
1520	Radio Reloj	1 kw	Lima	0600-0200	news, time
1540	Radio Barranca	1 kw	Barranca		mor
1550	Radio Independencia		Tahuantisuyo	0800-2200	ranchera, huay:

1560	Radio Mundo	1 kw	Huancayo		rr
1570	Radio Universal	1 kw	Huacho		vals, rr,
1590	Radio Agricultura	5 kw	Lima	0530-2400	mor huayno

Radio Nacional	854	Lima
	1030	Iquitos
	1120	Tacna
	1160	Puno
	1160	Tumbres
	1080	Radio Nacional Mil Ochenta, Lima

Al sw stations duplicate from 0600-0900 and 1200-1830 daily.

Foreign languages:

640	Radio Del Pacífico	2100-2200	English
560	Radio Oriente	2000-2400	Chinese
1471	Radio Inca del Perú	1300-1600	Japanese, Sat/Sun
1130	Radio Selecta	1800-1900	English
		1900-2100	German

Announced CARACOL Station List--Ron Schatz

This list was monitored at 0535 GMT on the 23rd of March 1972 over HJKC-4755 and is presented here word-for-word as it was read over the air. Of course, only stations, names and locations are given. Words in parentheses are uncertainties:

"CARACOL cubre a Colombia por las siguientes emisoras:

En Bogotá: Nuevo Mundo, Mil Veinte, Radio Reloj, Radio Quince.  
 En Medellín: La Voz de Antioquia, Radio Visión, Radio Reloj, Radio Quince.  
 En Cali: La Voz del Río Cauca, Radio Reloj, Radio Quince.  
 En Barranquilla: Radio Tropical, Radio Reloj, Radio Quince.  
 En Bucaramanga: Radio del Comercio, Radio Reloj, Radio Quince.  
 En Manizales: La Voz del Ruiz, Radio Reloj.  
 En Cúcuta: Radio Cúcuta, Radio Reloj.  
 En Pereira: La Voz del Café, Radio Reloj, Onda Libre.  
 En Cartagena: Radio Bahía, Radio Reloj.  
 Radio Cacique en Ibagué, Radio Pasto, Pregones del Quindío en Armenia, Radio Neiva, Radio Barrancabermeja, Radio Magdalena en Santa Marta, Radio Popayán, Radio Villavicencio, La Voz del Centro en Girardot, La Voz del Caquetá en Florencia, Radio Sabanas en Sincelejo, Transmisora Río en Montería, Radio Guadalajara en Buga, Radio Tuluá, La Voz de la Dorada; en Valledupar: Radio Valledupar, Radio Reloj; Radio Progreso de Córdoba en Lórica, La Voz del Oriente en Sogamoso, Emisora José Antonio Galán en el Socorro, Radio Sevilla, Radio Catatumbo en Ocaña, La Voz del Banco, Ondas del Gualí en Honda, Ecos del Río en Puerto Boyacá, Emisora Cultural Bolívar en Ipiales, La Voz del Cinaruco en Arauca, La Voz de Garagoa, La Perla del Pacífico en Tumaco, La Voz de Anserma, La Voz de Corozal, Radio (Abondas) en Purificación, Radio Magangué, Radio Guateque, Radio (Guantantantú), Ecos del Río Negro, Radio Libanense en el Líbano, Radio (Tucarena) en Turbo.

CARACOL-- Primera potencia radial de Latinoamérica!"

Two stations that appeared on previous lists were not mentioned this time: Radio Reloj (Ocaña), and Emisora Río San Eugenio (Santa Rosa de Cabal).

Editor's Note: Also listed in WRTH'72 as belonging to CARACOL and not appearing in the above list are the following:

1070	Radio Santa Fe, Bogotá	1470	Radio Atenea, Purificación
1110	La Voz de Centro, El Espinal		
1260	Emisora Siglo Veinte, Medellín		Perhaps some of these have had slogan changes.
1350	Radio Festival, Ibagué		
1440	Ondas del Rihacha, Rihacha		

## CARACOL List, arranged numerically-- FJP

<u>Freq.</u>	<u>Call</u>	<u>Location</u>	<u>Slogan</u>	<u>Power</u>
750	HJDK	Medellin	La Voz de Antioquia	50 kw
790	HJDC	Medellin	Radio Quince	10
820	HJED	Cali	La Voz de Rio Cauca	50
830	HJDM	Medellin	Medellin	10
850	HJKC	Bogota	Emisora Nuevo Mundo	50
950	HJFN	Pereira	La Voz del Cafe	10
1010	HJCC	Bogota	Emisora Mil Veinte	10
1040	HJAI	Barranquilla	Radio Tropical	10
1040	HJGX	Lorica	Radio Progreso de Cordoba	1
1050	HJBB	Valledupar	Radio Valledupar	2
1070	HJDZ	Medellin	Radio Reloj	10
1090	HJBC	Cucuta	Radio Cucuta	10
1090	HJIH	Sogamosa	La Voz de Oriente	1
1100	HJCN	Bogota	Radio Reloj	10
1100	HJAT	Barranquilla	Radio Reloj	1
1110	HJJP	Villavicencio	Radio Villavicencio	5
1110	HJEW	Cali	Radio Reloj	1
1120	HJEH	Bucaramanga	Radio Del Comercio	5
1150	HJFI	Armenia	Pregones del Quindio	1
1150	HJBT	Ocana	Radio Catatumbo	10
1180	HJFX	Manizales	La Voz del Ruiz	1
1220	HJFV	Barranquilla	Radio Quince	5
1220	HJNM	Ipiales	Emisora Cultural Bolivar	1
1230	HJFP	Neiva	Radio Neiva	10
1240	HJGN	Barrancabermeja	Radio Barrancabermeja	5
1250	HJET	Cucuta	Radio Reloj	2.5
1250	HJEM	Corozal	La Voz de Corozal	1
1260	HJET	Cali	Radio Quince	1
1270	HJTX	Bucaramanga	Radio Quince	1
1270	HJKZ	Pereira	Onda Libre	1
1280	HJLR	Pasto	Radio Pasto	1
1290	HJHI	Garagoa	La Voz de Garagoa	10
1300	HJNB	Bucaramanga	Radio Reloj	1
1310	HJJZ	Bogota	Radio Quince	1
1310	HJDG	Monteria	Transmisora Rio	1
1310	HJJO	Tumaco	La Perla del Pacifico	1
1320	HJLZ	Arauca	La Voz del Cinaruco	1
1320	HJHT	Guateque	Radio Guateque	1
1350	HJHW	Puerto Boyaca	Ecos del Rio	2
1360	HJMV	Cartagena	Radio Reloj (Emisora La Popa--WRTH)	1
1360	HJGI	El Socorro	Emisora Jose Antonio Galan	1
1360	HJFH	Anserma	La Voz de Anserma	1
1360	HJNU	Rionegro	Ecos de Rionegro	1
1370	HJNI	Sincelejo	Radio Sabanas	1
1380	HJLG	La Dorada	La Voz de la Dorada	1
1380	HJMM	Valledupar	Radio Reloj	1
1410	HJEI	Buga	Radio Guadalajara	1
1410	HJFS	Honda	Ondas del Guari	1
1420	HJHK	Manizales	Radio Reloj	1
1420	HJAP	Cartagena	Radio Bahia	1
1430	HJBH	Santa Marta	Radio Magdalena	1
1440	HJIB	Florencia	La Voz de Caqueta	1
1440	HJEK	Tulua	Radio Tulua	1
1450	HJRL	Libano	Radio Libanense	1
1520	HJLS	Popoyan	Radio Popoyan	1
1530	HJJB	Sevilla	Radio Sevilla	1
1550	HJGY	Magangué	Radio Magangué	1

1580	HJLC	El Banco	La Voz del Banco	1
1260	HJDV	Ibague	Radio Cacique	1
		(Cajamarca-WRTH)		

Stations which were unable to be identified from existing lists:

Radio Reloj, Pereira  
 La Voz del Centro, Girardot  
 Radio (Abonas), Purificacion  
 Radio Guantantantu  
 Radio Tucarna, Tuba (CP per Dave Gleason)

#### Geomagnetic Indices

March 15-21	4	14	13	10	4	4	4
March 22-28	8	7	16	6	9	12	10
March 29-April 4	16	19	12	13	10	2	15

#### Listeners' Loggings-- Trans-Atlantic

764 ... TA carrier here at 0615 3/15, after complete check. Weak audio, with male mumbling. Strong carrier, with proper TA bearing remaining to 0638. (PP,W)  
 809 ... TA carrier here at 0605 3/15 with piercing het on KGO. NE loop bearing, and definitely not LA, as the case usually is. (PP,W)

#### Latin America

690 CMBC Cuba, Habana fair with Radio Enciclopedia IDs, MoR 0929 3/13, over KKUA. (MCC,W)  
 750 HJDK Colombia, Medellin, La Voz de Antioquia heard 3/27 with good signal at 0840-0850 in SS. Easy listening music with CARACOL ID and several Colombian TCs. Male announcer. Weak rock QRM under HJDK. (MH,W)  
 750 ??? UnID in fair when WSB faded at sunset (0007); EE programme, announcer with British accent, spot for Durkigan Bank; radio play of "King Lear". In for about ten minutes, then overpowering WSB in. 3/26. Any suggestions? (RVM,E) (Jamaica, I would think. Ed)  
 775a XEMMM Mexico, Tijuana, B.C. putting out weak spur here from 800; noted 0615 3/24. (FJP,W)  
 800 PJB Netherlands Antilles, Bonaire, Trans-World Radio noted with its own EE language newscast at 0400 3/19. In view of TWR's plan to build a station in South Africa, this transmission might be worth special attention. (CMS,E)  
 826.6 XEMMM Mexico, Tijuana, B.C. putting out strong spur here 3/24; first noted at 0530; off 0600-0610, then back on. Measured frequency. (GMa,W)  
 830 XELA? Mexico, D.F. strong SS talk with WCCO 1307 3/13. (JEC,W) (I would think it probably was XEVQ, Culiacan, which is heard usually in evenings over everything else. Ed)  
 880 TGJ Guatemala, Guatemala through KRVN's OC 3/12 1154; covered by talk at 1200. (JEC,W)  
 880 ??? UnID SS under KRVN noted here occasionally in the evenings. (PM,W) (Probably TGJ. Ed)  
 1210 HJFF Colombia, Pereira, La Voz de Amigos (La Voz Amiga--Ed) in and out 3/27 at 0635. Male with LA choral music; brief announcements; 0700 several blasts of chimes and bells; male in SS with announcement; strong; Colombian instrumental music followed. QRM from WCAU. (PP,W)  
 1430 XEOX Mexico, Ciudad Obregon, Son. 3/11 1331, through KALI. (JEC,W)  
 1540 ZNS1 Bahamas, Nassau believed the station heard 3/27 at 1025-1042 with fair/poor signal; female vocal records with religious music. Male announcer with ID at 1030; ID sounded like ZNS1. The number one (1) was solid, but not sure of ZNS. EE announcer, but SS (I believe) was heard prior to KXEL s/on. (MH,W)  
 1580 HJQZ Colombia, Barranquilla, Radio Principe positively identified as the one here at 0330 3/10. Call letters not heard but presumably is a new higher powered version of the former Radio Soledad. (CMS,E)

Trans-Pacific

- 617 CJOR B.C., Vancouver, another spur here //673 and 600, strong with some distortion and badly hetting CKCK 0823 3/20. Beward! (BP,W)
- 635 ... North Korea, Chongjin, JJ foreign service noted weakly on 3/15 at 1338. (PP,W)
- 645 ... China, Peking home service in poorly 3/15 at 1342. Chinese talk by male and female. Other Chinese in: 835 and 1040. (PP,W)
- 750 JOIB Japan, Sapporo noted 3/15; good signals most the morning. Other Japanese in: JOUB (S9 +20); JOBB, JOHK, JOOR. (PP,W)
- 750 KFQD Alaska, Anchorage fair with s/off for transmitter adjustment 1002 3/16. (MCC,W)
- 760 2YA New Zealand, Auckland, fair 3/19; baroque music to 1215; woman announcer, pop music program, 1240 strong with Simon and Garfunkel, light pop songs to 1300; 6 pips, followed by ID and into more light pop music. (PP,W)
- 785 ??? UnID good sized carrier, via TP path at 1225 3/15. No audio, but undoubtedly leaves North Korea as a good possibility. (PP,W)
- 810 ... China mixing with another TP 1154-1200 3/26. Home Service pipsat 1200. CHQR looped. Other station had classical music, and brief announcement by YL in what seemed to be KK. Covered by XEFW s/on at 1210. (AEL,W)
- 820 ... North Korea, Najin weak to fair with unID QRM, //Wonwan-876 at 1318 3/26. (AEL,W)
- 830 JOBB Japan, Osaka in for a while around 1330 3/26. Male JJ. (PM,W)
- 845 ??? UnID station causing 3.6 Hz SAH with Peking, 1330-1339 3/26. Very little audio from Peking, and non at all from the second station. WRTN lists Akmolinsk, Kazakh S.S.R., but thzt isn't a very likely possibility. (AEL,W)
- 870 ... China heard weakly behind Japan 1240-1300 3/26. Home Service pips at 1300. (AEL,W)
- 870 JOGB Japan, Kumamoto. Does anyone know when JOLB-Fukuoka disappeared and JOGB appeared on this frequency? (PM,W) (I think the big switch came last November, if memory serves me correctly. Ed)
- 877 ... North Korea, fair signal hetting KRVN 1245 3/16. (BP,W)
- 877 ??? UFO faded in for a few minutes around 1315 3/26. Possibly North Korea. (PM,W)
- 880 ??? UnID strong carrier here at 1355, no pips at 1400. At 1408, male in definite KK was heard. Talk faded out before any change in format noted. Either 876 has wandered up or this may be a taste of the KBS station. (PP,W)
- 890 ??? UFO, either BED24 or JOHK with WLS 3/12 1140. (JEC,W)
- 1020 ZCO Tonga, Nuku'alofa poor, noted, probably in Tongan 0940 3/14. (MCC,W)
- 1030 VQO Solomon Islands, Honiara, fair, tentative with spot for BOAC 0953, BBC World News 1001, Island News 1020; 3/14. Who else could it be? (MCC,W)
- 1040 ... China, Radic Peking? (No WHO and didn't seem to be KHVH 3/12 1130 (JEC,W)
- 1040 4ZB New Zealand, Dunedin good with TC, 21 after 9 o'clock on 4ZB, 1040 on your dial, 0921 3/14, over KHVH. (MCC,W)
- 1190+ ??? Het on the upper side of KEX most of MM 3/20. Dunno if TP or LA or off-frequency domestic. Anything been reported here recently? (BP,W)
- 1210 KZOO Hawaii, Honolulu poor with songs in JJ 0835 3/14. (MCC,W)
- 1230 ??? UFO Asiatic talk 3/11 1211, but faded into hash. (JEC,W)
- 1260 JOIR? Japan, Sendai? steady talk, mainly by man 3/20 0901-0910; KGIL and KYA off. (JEC,W)
- 1270 JOFR Japan, Fukuoka most likely the JJ station with fair/good signals 0947-1005 3/20. Thought it might be KNDI, but it looped toward Japan. No ID heard, but a single pip noted at 1000. (AEL,W)
- 1440 ??? Bits of what sounded like JJ noted with CJOI nulled 1255 3/20. Probably JOWF; even the TP conditions were practically non-existent that AM, with a weak JOUB-770 being the only TP noted. (BP,W)



- 1440 ??? Asiatic and SS mixed; BEC60 and XELZ? 3/20 0930-0939. (JEC,W)  
 1580 FEN Japan, Iwakuni, AFRTS. A big surprise whkile taping across the hour for possible RFA ID 1300 3/27. Having heard the announcement many times overseas, my ears caught it right away: Serving American Forces overseas, this is the Far East Network"...single tone on the hour. 1 kw! (AWP,W)  
 1580 ... Thailand, Ban Pachi, Voice of Free Asia heard 1215-1300 3/13; signal in strong and an ID in EE, just a minute before the hour, giving name of station, location, and that this program came to you from the United States of America. (GVJ,W)  
 +Radio Free Asia very tentatively heard 1239 3/27, with non-EE, non-SS voice. Should be in Burmese at this time, and the language could have been that. Was in very briefly at that time between KDAY tests and other garbage. One to watch. (AWP,W)

Verifications

- 655 YSS El Salvador, San Salvador unsigned v/q, pennant and bilingual tourist folder in five months. Card lists 655, 5980, and 9555 kHz and didn't specify which they were verifying, but I'm counting it anyway. Country #22. (BP,W)  
 690 KKUA Hawaii, Honolulu v/q in one weak airmail. Alan R. says KKUA shares its tower with KGU-760 and KHAI now on 1080, was 1090. (MCC,W)  
 880 LYC New Zealand, Auckland sent standard NZBC v/q in 3 months seemail for report sent to Auckland. Unsigned. (BP,W)  
 1580 ... Thailand, tape sent to VOA, returned in a few days but looks like it was unopened. Waited a week, then sent a copy of the report, and tape box back to VOA; I guess they do not accept tapes, unless they have changed their policy again and are not verifying again as they did several years ago. Will see what happens. (GVJ,W)

Reporters

- MCC Mel Coffin, Mission City, B.C. Trio 9R59, SM2  
 JEC Jim Critchett, San Diego, Calif.  
 MH Mike Hardester, Modesto, Calif. HQ-129X, SMI  
 GVJ Gary Jackson, Sacramento, Calif.  
 AEL Al Lehr, Livermore, Calif.  
 GMA Grant Manning, San Diego, Calif.  
 PM Parker Moore, Vancouver, B.C.  
 RVM Randy Minnehan, Columbus, Ohio  
 FJP Your editor  
 PP Paul Petersky, Bellevue, Wash.  
 BP Bruce Portzer, Seattle, Wash. SX-96, 4' box loop  
 CMS C.M.Stanbury II, Crystal Beach, Ont.  
 AWP Art Peterson, San Pablo, Calif.

ITU--- Art Peterson

The sixth edition of the List of Broadcasting Stations Operating in Bands below 5950 kcs (Supplement 1) published by the International Telecommunications Union, Geneva, lists the following power changes for stations in Uruguay. To 10 kw: 550; to 75 kw, 610, 650, 810, 850, 1050, 1290; to 125 kw: 770. DXers should be cautioned that accuracy is not one of the virtues of the ITU. Since the WRTG 1972 does not show any of these frequency changes, I would tend to doubt that they have actually taken place. However, this may be an indication that power increases may come about in the future, in which case Uruguay could become a much easier country to hear.

Reporters' Remarks

"I seem to have logged N.Z. the hard way, as I could not find 4ZB reported in about the last 50 DXM's. Has it been reported? (No. Ed) It had me jumping for joy as it is my first N.Z. I like your idea of the IRCA Foreign Log Project, as it will save time looking through DXM's for a station. " (Mel Coffin)

"DX has been sparse here in the last few weeks due to A) final exams last week, B) a severe case of line noise all MM 3/20. Hope neither is permanent, hi." (Bruce Portzer)

"Cx are going down, although the EC is still in well. I kind of wish for a good LA split opening again. It's a lot of fun to work that kind of situation. Have been noting TIOS quite well recently. Excellent for 1 1/2 kw! Belize reception has been disappointing, considering they're 20 kw. In fact, LA splits have been poor for the moment. I plan to start looking for the LSA's and DU's." (Paul Petersky)

"SM 3/26 was a good TP morning. It is unusual for this late in the season, at least compared to last year. Hope the TPs stay in a while longer." (Al Lehr)

Plans are proceeding apace for the Convention here in San Diego June 30-July 3. So far 7 out-of-towners have indicated that they will attend, Roger Horie of Missoula, Mont.

Mike Worst of Seattle, and Bill Hardy, of Aberdeen, Wash. being the ones from farthest away. Just as a point of interest, later in the summer, the New Hampshire delegation to the Republican convention will stay at the same hotel as IRCA, the Fabulous Inns. You've all heard FM stereo; here in San Diego you can hear the world's only AM stereo station; XETRA-690. Right now it looks like we will have two guest speakers, one an old-time radio engineer who helped assemble KFI's first transmitter, and the other the general manager of a local station. Remember, if you plan to stay at Fabulous Inns, during the IRCA convention, you must make reservations by June 16, with one night's deposit. So far, several have indicated they want to share a room for the fabulously low price of \$4.25 a night. How about you--can't you afford that? Items for the auction can be sent at any time between now and the convention.

Bill Hardy is now the Special Features Editor for DXM. Just to clarify what kind of features should be sent to me and what to him, here's an idea of what sort of items I would expect to get: lists of stations and their schedules, changes of foreign stations, new foreign stations, short items about foreign stations (less than about ten lines). Anything longer should go to Bill, and anything about domestic stations. Bill's address: 303 West 10th St., Aberdeen, Wash. 98520.

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CPC Results No further reports of WJEJ, the only one I can remember being that of Dave Singer. Also Jim Poterba rptd it to DXR. WIVV would appear to have presented neither of the scheduled programs on 3/20 or 3/27. There was to be a test on 3/27 if the 3/20 date could not be used. Tom Sundstrom reported not hearing it either date. No rpts to DXWW. WMMM was not on 3/27 according to all who tried. KGRT-570 Las Cruces for their 3/27 NRC test was not hrd by Bruce Portzer, Mike Hardester, nor Steve Millay. Mike McCullough hrd KGRT 0237-0302 w/several SIDs. Rich Eddie hrd them 0201-0220; Bob Karchevski at 0308; Bob Neal hrd them but not enough for rpt; Michel Breger in NY had 1 clear ID; a very successful test! KIMM-1150 was hrd by Gary Elston and Bill Harang for their 3/27 NRC test. Steve Millay had them good 0329-0343; Rich Eddie 0249-0314; Bob Karchevski 0408-0433; Bob Neal 0335-0410; Randy Minnehan good w/TTs, voice IDs & mx; Tom Sundstrom 0404 ID; Mike Hardester 0308-0338; Dave Oliphant w/mx, TT, IDs; Bill Nittler vy weakly; and by Jim Critchett, Calif.; and Michel Breger, New York! Not hrd by Bruce Portzer. KUPK doesn't seem to have been reported by anyone but most have hrd it during previous months. WARD-1490 on 4/3 tried but not hrd by Tom Sundstrom; no other rpts. The WLIZ-1380 4/1 test not rptd as hrd or tried by anyone. WJDA-1300 on 3/20 was hrd by Tom Sundstrom and by Quentin Brown w/ID 0117 3/20. The KTYN-1430 of 3/20 apparently not on the air. WTOR-610 originally 2/21 was re-sked for 4/9 SM 0100-???? but received several days too late to be of use. Original program not on due to snowstorms. Hope any of those whose information was not used will not be offended or angry; your pub. received several notes on backs of env's and in the middle of personal letters. Many prepared just perfectly are still subject to loss because of the nature of the mail sorting procedure which attempts first and foremost to assure that MONEY is properly accounted for and that club supplies are shipped promptly; then comes general material for publication and DX Calendar. Personal letters and CPC results? Well.... 73!!! -DEE

EDITOR: Bruce Portzer - 14056 5th Avenue South - Seattle, Washington 98168

	CV	TV	TFV	NORTH AMERICA	SOUTH AMERICA	YR
1.David Thomas, Ohio	130	4026	996	Adak-890	CX46-1400	24
2.C.M. Stanbury, Ont.	111	1356	464	200 VOA-1040	73 R. Libertad	51
3.Larry Godwin, Colo.	63	1250	372	139 AFRS-1425	152 CC84-840 lkw	57
4.Gene Allen, Calif.	57	2764	401	209 KIFW-1230	32 HCJB-974 800w	23
5.Bill Willis, Calif.	55	908	129	39 WIBS-695	20 CP27-730	60
6.Richard E. Wood, Hawaii *	51	661	175	59 HOD42-1455	36 HCPB6-1345	67
7.Bill Raczko, Ohio	44	240	71	38 Montserrat-885	13 LT10-1020 10kw	
8.Art peterson, Calif.	41	144	86	47 HRN-670	12 LRA-1070	
9.Dewayne Bruce, Australia *	40	576	141	21 ZBML-1235	12 PRG2	63
10.Raleigh Biss, Calif.	30	2521	157	120 VE9EK-1185	12 LR4-990	24
11.Patrick Martin, Oreg.	29	331	69	28 KIBH-950	5 PRA2-800	64
12.Joe Fela, N.J.	26	870	38	19 WLEO-1170	4 BGBS-560	61
13.Frank Wheeler, Penna.	24	1639	70	62 KFAR-660	7 LR5-830	31
14.David Rogers, Okla.	22	536	38	27 TIRICA-625	5 CX16-850	62
15.Bruce Portzer, Wash.	22	453	50	24 KFRB-900	3 HJDP-1020	64
16.Ernie Wesolowski, Nebr.	20	1081	38	25 ZBML-1235	4 SRS-725	58
17.Father Jack Pejza, Calif. *	20	218	40	15 WMDD-1480	5 SRS-725	68
18.Robert L. Neal Jr., Calif.	19	371	48	29 WMDD-1480	9 HCJB-700	67
19.R. Steven Dildine Jr., Va.	18	117	21	13 JBC-700	3 PJC2-855	71
20.Larry Abraham, Mich.	17	441	27	15 YSCF-1154	10 HJAO-1250	60
21.Richard T. Eddie, Mo.	11	533	9	6 R. Americas	3 HCJB-700	67
22.Kevin Slater, Oregon *	11	481	89	77 TGJ-880	3 HJAI-1040	65
23.Ken Horne, B.C.	11	282	23	14 XESM-1470	- - - - -	68
24.Dave Whatmough, Ont. *	10	836	11	9 WIBS-535	1 PJB-800	65
25.Mike Hardester, Calif.	10	305	19	10 CMCA-830	2 YVOZ-1200	68
26.Tom Jasinski, Ill. *	10	268	12	11 TIQ-1203	1 PJB-800	63
27.Robert Kramer, Ill.	9	503	16	13 HIBE-1180	3 YVOZ-1200	70
28.Joe Markewicz, Man.	9	387	16	13 CMDN-870	3 HJKC-850	67
29.Paul Petersky, Wash.	9	33	11	3 4VEF-1035	- - - - -	71
30.Eric Tibbatts, Ont.	8	381	19	17 Belize-834	2 HJDK-750	69
31.Melville Coffin, B.C.	8	105	8	3 Belize-834	1 PJB-800	69
32.George W. Jensen, Md.	7	162	7	6 XERH-1500	1 PJB-800	71
33.Greg Condon, Mass.	6	233	4	2 WAMB-1190	2 HJCY-810	71
34.Paul R. Daplyn, Ont.	5	416	5	5 ZBM-1235	- - - - -	64
35.John Zondlo, Ind.	5	276	4	4 ZNS-1540	- - - - -	70
36.Greg Hall, N.C.	5	145	3	2 Belize-834	1 PJB-800	58
37.Bill Harang, Calif.	5	89	6	3 XELO-800	- - - - -	68
38.Tom Palmer, Mich. *	5	53	5	5 Belize-834	- - - - -	69
39.Roy Jaynes, Oregon	5	49	5	2 XETRA-690	1 PJB-800	71
40.Fred Hendricks, Ill.	4	236	5	5 ZNS-1540	- - - - -	70
41.Lee Freshwater, Ind. *	4	150	2	1 ZNS1-1540	1 PJB-800	65
42.Paul Hill, Va. *	4	81	2	2 ZNS-1540	- - - - -	65
43.Jim Larson, Minn.	4	75	2	1 XELO-800	1 PJB-800	
44.Randy Minnehan, Ohio	4	60	2	1 ZNS1-1540	1 PJB-800	70
45.Mike Johnson, N.Y.	3	102	1	1 CMQ-640	- - - - -	70
46.Bill Likens, Ohio *	3	91	1	- - - - -	- - - - -	
47.Roger John Holappa, Ariz.	3	61	3	3 XEMO-860	- - - - -	68
48.Don Dumbeck, Oregon *	3	52	3	3 XEMO-860	- - - - -	68
49.James P. Mohler, Iowa	3	3	3	2 Belize-834	1 PJB-800	69

CV is countries verified; TV is total veries; TFV is total foreign veries. YR is year you began DXing, asterisk \* indicates it's time to update your totals or you'll be dropped from the list. Next time we'll feature best heard from Idaho, Kentucky and New Brunswick, followed by best heard from North and South America. Deadline? It's three weeks from the date at the top of the page. So send in your totals and you'll get to see your name in print. Till next time.....73 and best of springtime DX.

Plenty of report forms available from publishing headquarters for those who want to keep their totals up to date. Write DEE at 6059 Essex St., Riverside, CA 92504.