

PUBLISHED BY
THE INTERNATIONAL RADIO CLUB OF AMERICA

May 1, 1971, SATURDAY

NEXT ISSUE IN 2 WEEKS

VOLUME EIGHT, NUMBER 30

IRCA CONVENTION 1971

Toledo 166 San Diego 104 abstain 2

Toledo, Ohio, will be the site of the 1971 IRCA Convention. Toledo received more votes in this election than all votes cast last year! That was due to both the larger membership (now 472) and a much higher percentage voting. Good turnout!

Congratulations ... to Jack E. Alexander, Jr., charter IRCA member, on his marriage April 24, 1971, to former IRCA member Gayle Herring. Their temporary mailing address is 1234 Raymar St., Santa Ana, Calif. 92703. May you both be blessed with a long and happy marriage.

This issue is the last issue this season to contain all EST in the domestic sections. Daylight Saving Time went into effect on Sunday morning, Apr. 25. This is the first year for IRCA to observe daylight time in the domestic sections. All times for DX reported to the Forum or Roundup should be Eastern Daylight Time. In those areas which switched to DST (Arizona, Hawaii, Michigan do not), you need only to continue adding the same number of hours to your local times. In AZ, HI, and MI, add one less hour. Father Jack's DXWW continues to observe Greenwich Mean Time throughout the year. GMT is EDT + 4 hours or PDT + 7 hours. AZ, HI, and MI will convert as always. Someone in Canada, how about details on what portions observe DST? To avoid more than one issue having combined EST/EDT times, please report promptly all your DX, especially that before the switch so that only the May 15 issue need have the combined times. Editors please check all reports carefully for indications of error.

President: (All dues and changes of address should be sent here)
Mike Northam - 1608 N.E. Knott Street - Portland, Oregon 97212

Telephone: 10AM-7PM PDT (503) 224-3651 7PM-1AM (503) 284-7369

Membership Dues: (U.S. funds) \$9.50 first class mail, \$6.50 third class mail,

\$14 air mail. Third class is not recommended because of slow and erratic service. Please be sure to send Mike your renewals 30 days before your expiration date.

Publisher: Don Erickson - 6059 Essex St. - Riverside, Calif. 92504

Phone 24 hrs a day: 714-687-5910. Emergencies: 688-6010. Office: 688-5050 Bulletin schedule: May 15, June 12, July 17, Aug. 14, Sept. 4, 18.

DX MEETING - see page 2 and last page of West Coast DX Roundup. SCECPOSDDXC lives!!! CHANGE OF ADDRESS - those having reply labels w/Box 1468 or Box 2558 + ed.'s: Page 2.

Contents this issue: President's Report, Contest Standings, 14 pages of DXR/DXF, State of the Month announcement, PRK special feature, the <u>last</u> three pages of the Capital Cities Station List (the first four will appear later), PSL's Hawaiian Radio Stations special feature, RFS's Cardioid Loop article, and 6 pages of DXWW. No new member listings this issue. Broadcasting Information is on page 22.

For the future: Remainder of Capital Cities List, Membership List (PRK is already typing the list), technical article by Tom Garcia on crystal calibrators, Sports Network info from John Richardson (which must first be typed on stencils), campaign statements (June 12 issue), and so on.

DX CALENDAR

Mon. May 17 0400-0515 KPIN 1260 Casa Grande, Arizona lkw IRCA/Paul Lotsof Thu. 27 0345-0400 KWYS 920 West Yellowstone, Mont. lkw f/c-Jim Adams

KPIN times are 0300-0415 EST according to PSL's EC DXR report. Dan Myers' card said EDT. Arizona does not observe DST so 12 midnight MST is 0200 EST.

KWYS is part of a quarterly series of f/c-ETs. Cycle tone will be used; reports to Mr. John Stanturf, KWYS, Box 9, West Yellowstone, Mont. 59758. -IRCA/Jim Adams

BROADCASTING INFORMATION is on page 22.

EDT

Those arranging DX programs during the summer (a practice not suggested in most cases), please be reminded that at least 8 weeks should be allowed to permit both clubs to receive and publish the information during this time of monthly issues. With the combined difficulty in publicizing a program, the reduced number of summer BCB DXers and the poorer conditions during summer, please give careful thought before arranging a program. All CPC info should be sent to 6059 Essex St. just as quickly as received so that no time is lost in getting out the word.

CPC Results - Bruce Portzer noted KREL test w/good sig on 500w. CKRW not hrd. JOUB-770 has been bombing in, Bruce says; he suspects a large power increase around 4/1. Gary Nuthals hrd WISE DX 3/29 with poor sigs; 2 IDs noted. Tent. on WINE. CKRW DX not heard. That appears to be all the last-minute DX info this issue.

DX MEETING The Memorial Day weekend DX convention will be at the American Motelodge, 1350 University, Riverside. University (8th St.) is the main E-W route through the downtown business section. There is an exit for that street on Freeway 60-395. Rooms are \$11.03 single, \$15 twin beds. These are commercial (convention) rates and applicable for two or more nights and only if reserved in the name of IRCA. It is preferable if you reserve through DEE. Let me know what accommodations (single, double, twins) and what nights you plan to stay. There is no deadline but if you decide you can't make it, please cancel promptly. Write: Don Erickson, 6059 Essex St., Riverside 92504 and include phone # for any last minute info. The phone # at American Motelodge is 682-1144; the meeting room will have a phone. Just ask for the radio club meeting room. Any last minute info will appear in the May 15 DXM.

DEADLINE CHANGE - Dave Faulkner's deadline for the May 15 issue is one day earlier than usual; Thursday, May 6. Please be sure and post your reports early. Bruce's remains Friday, May 7.

ADDRESS CHANGE - All editors and those with business reply labels/cards - to avoid time consuming trips to the PO which have proven to be of no use in getting better delivery, all mail for the bulletin <u>must</u> be addressed to 6059 Essex St., 92504 to assure promptest receipt. Editors should immediately switch to that address; those with bus. reply cards/labels should put one straight line through the address and ZIP code and make changes. Do not attempt to obliterate either. They still may not be accepted by some postal employee who knows the rules backwards and forwards (there are some??). Watch your envelope next issue for a surprise which, it is fervently hoped, will speed up dispatching of mail once it reaches the PO.

MAKE PLANS NOW TO ATTEND THE 1971 IRCA CONVENTION IN TOLEDO, OHIO; AS WELL AS THE NRC CONVENTION IN SAN FRANCISCO. Details on both will be upcoming.

ANARC - Association of North American Radio Clubs - will hold its annual convention in Indianapolis, Indiana, July 23 - 25, at the Holiday Inn--Airport. ANARC will have details in the future and they should appear in time for the June 12 DXM.

GEOMAGNETIC INDICES - The Fr index, A values, is published by the National Bureau of Standards in Boulder, Colorado, and sent free of charge to anyone requesting. Address requests to: U.S. Dept. of Commerce, Office of Telecommunications, Telecommunications Services Center, Boulder, Colorado 80302. Request that your name and address be put on the mailing list for the "Weekly Radio Telecommunication Forecast". How about someone like Gray Scrimgeour or Jerry Conrad supplying a detailed article on these indices? Several members have asked pub. hdq. for info and there is nothing to be found in the DX Booklet or New Member Packet. -DEE

Mid-West DX Roundup Editor, replacing Rick Evans starting Sept. 1971.

Question & Answer Column Editor (should have some knowledge of electronics)
Standby Editor and/or Publisher (someone who could fill in in case of emergency or a sudden resignation.

Countries Committee Chairman (in charge of making up the official IRCA Countries List for award and statistical purposes)

Publicity Committee Chairman (to contact magazine publishers, radio stations, etc.

regarding the IRCA)

Tom Hartloff, 49 Highview Ct., Nyack, NY 10960 would like more persons to help in the task of welcoming new members to the club. This consists primarily of writing a personal letter to the new member in an attempt to make him feel more "at home" in IRCA.

CECO Publishing Co. has requested help in finding an author to write an original article on amateur radio for <u>Inner Circle</u> magazine (an automotive trade publication). They'd like to know what's involved cost-wise, equipment-wise, fun-wise, time-wise, etc. and would pay for the article. Write Larry Godwin for more information on this. <u>Proposals</u> going to the Board soon include the following (write to your Board rep or let your opinion be known in a Forum report):

Bylaws amendment to Article X, Section 3, submitted by Father Jack Pejza, adding the following text to that section: "Each site deemed qualified by the Board of Directors shall be allowed to print a statement of thirty lines in the DX Monitor promoting their bid. Such statements shall be printed in the issue which contains

the ballots for the election of the convention site."

Bylaws amendment to Article X, adding a new Section 5 - Location, the following text comprising that section: "The IRCA convention site will alternate sides of the Mississippi [River] every other year unless there is no site from that section of the country or it is found to be unqualified to hold it."

Bylaws amendment to Article X, adding a new Section 6 - Publicity, the following text comprising that section: "Any convention info[rmation] will only be permitted in individual DX Forums or editor comments except for a [one] page summary space available to the competing groups." [Sections 5 & 6 submitted by Gary Nuthals]

A proposal submitted by Steve Kamp "To allow publication of satirical material in the Administrative and General Feature Section of the DX Monitor under the provisions of Article II, Part A, Section 6 of the IRCA Editorial Policy. Said satirical material shall be published as soon as sufficient space is found in the DX Monitor. Said satirical material shall be sent to the Publishing Committee Chairman or the Special Features Editor for publication in the DX Monitor."

Editorial Policy amendment replacing Art. II, Part B-1-a, sub-parts 1-3 with the following (submitted by Richard C. Evans):

In Each member will we next to the edit

"a. Each member will report to the editor(s) representing his own section of the continent, as follows:

1. East Coast Section--east of 85° longitude.

2. Midwest Section--85° longitude to 110° [longitude].

West Coast Section--west of 110° longitude.

4. Members living on or adjacent to the boundary lines will be permitted to report to the section they feel more closely represents their conditions, subject to provision 5.

5. Provision 4 is not to be interpreted to permit a member to switch back and forth between sections. In that event, such member's permanent section will be decided by the two editors involved. Their judgment will be final."

Editorial Policy amendment to Art. II, Sect. B, Part 1, Subpart c, Paragraph 3, the amended paragraph to read: "Members may include in their DXF reports a maximum of [two] lines of comment or information regarding non-DX or non-IRCA matters. Information or comment falling under Paragraph 1 of Article II, Section B, Part 1, Subpart c of this Policy (specifically, information or comment about the IRCA and its policies) shall not fall under this provision of this Policy." [Submitted by Steve Kamp.]

Recent activities of the Board of Directors.

Region 1-Ken Lyon; Region 2-Charles Grise; Region 3-Ray Hartman; Region 4-Lynn Brooks; Region 5-Percy Kesteven; Region 6-Don Kaskey; Region 7-Fr. Jack Pejza Key to symbols: F=Favor, 0=Oppose, A=Abstain.

- 4.2-22 Approve the removal of George Tanner as Elections Committee Chairman, in accordance with Art. V, Sect. 2, Part 1-e, IRCA Bylaws. #1-F, 2-A, 3-A, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-23 Approve IRCA convention bid from Richmond, Virginia. #All directors-F. Passed.
- 4.2-24 Approve IRCA convention bid from San Diego, Calif. #all directors-F. Passed.
- 4.2-25 Approve IRCA convention bid from Toledo, Ohio. #All directors-F. Passed.
- 4.2-26 Approve ANARC Budget for fiscal 1971-72. #1-F, 2-F, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-27 Bylaws amendment, adding Art. VI, Section 2 to read: "A uniform system of time shall be used throughout the DX Monitor for the reporting of receptions; this system of time shall be EST. The Board of Directors shall not have the authority to change the system of time used without approval by a majority vote of the club members voting in a ratification vote." #1-0, 2-0, 3-0, 4-0, 5-0, 6-A, 7-0. Defeated.
- 4.2-28 Approve the IRCA budget for the Fiscal Year Ending Aug. 31, 1971.#1-F, 2-F, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-29 Rescind Proposal 4.2-16, which authorized sales of the Principles of BCB DX booklet to non-members. #1-F, 2-F, 3-F, 4-F, 5-A, 6-A, 7-F. Passed.
- 4.2-30 Amend IRCA Editorial Policy III-J, relating to the omission of pirate reports [for text, see 1/16/71 DXM]. #1-0, 2-F, 3-0, 4-0, 5-0, 6-A, 7-F. Defeated.
- 4.2-31Authorize expenditures of \$42. for Achievement Award Certificate printing. #1-F, 2-0, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-32 Authorize the establishment of Series VI "graveyard" Achievement Awards. #1-F, 2-0, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-33 Amend IRCA Editorial Policy to provide that the time standard to be used in DX monitor be GMT throughout the bulletin. #1-0, 2-0, 3-0, 4-0, 5-A, 6-A, 7-A. Defeated.
- 4.2-34 Confirm the appointment of Dave Prather as Elections Committee Chairman. #1-F, 2-A, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-35 Confirm the appointment of Quentin K. Brown as State of the Month Editor. #1-F, 2-F, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.
- 4.2-36 Confirm the appointments of Dave Faulkner and Bruce Heimburger as East Coast DX Roundup and DX Forum editors. #1-F, 2-F, 3-F, 4-0, 5-F, 6-A, 7-F. Passed.
- 4.2-37 Approve the report on Offset Publishing Feasibilities submitted 19 January
 1971 by Task Force Chairman Saralie B. Northam, including the following recommendations:
 - 1) No change in the publishing procedures of the IRCA be made at this time;
 - The full report be made available to any member for an SASE;
 - 3) The task force chairman be directed to contact each printer that submitted a bid, informing them that the IRCA must reject all bids because of cost considerations.

[The report contained an estimate that offset would cost \$4,250 per year versus \$1,478 per year under our present operation for production of <u>DX Monitor</u>.] #1-F, 2-F, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.

4.2-38 Resolution to submit to the membership the major issue of time standards to be utilized in the bulletin in accordance with Art. V, Sect. 2, Part 3-e of the Bylaws. Voting will be from among EST, ELT and GMT with a separate ballot for the domestic and foreign sections. A two-thirds majority for one of these 3 alternatives will be sufficient for its selection. If this is not achieved, a special run-off election will be held between the two alternates having the largest number of votes, with a simple majority being sufficient in the run-off ballot. #1-0, 2-F, 3-F, 4-F, 5-F, 6-A, 7-F. Passed.

For copies of the Offset Publishing Feasibility study, send an SASE to:

--Michael B. Northam - 1608 NE Knott - POrtland, Oregon 97212

May 1, 1971 70-71 IRCA CONTESTS as of 4/8/71 Page Contest Manager; Dave Christensen 3434 39th W Seattle WA 98199 Page 5

Next Standings2 weeks for	om date on th	nis DXM.	Update tota	ls soon, pse.
(Deadline)	DOMESTIC CON			
l Andy Kwiatkowski, IL	661 Pts	50 S&P		(27-61-19-26)
2 Steve Taaffe, IN	631	48	129	(12-93-23-20)
3 Tom McCormack, IN	580	46	107	(18-65-24-24)
4 Rick Evans, IN	391	35	- 63	(0-50-13-32)
5 Gary DeBock, IL	356	32	58	(6-47-5-10)
6 Quentin K. Brown, ONT	341	32	57	(15-19-21-18)
7 Rich Eddie; MO	336	29	48	(21-17-8-13)
8 Ron Coleman, VA	324	35	54	(12-27-15-16)
9 Al Ogrizovich, IN	315	34	64	(5-28-33-25)
10 Steve Kamp, CA	308	25.	51	(7-23-21-13)
ll Fred Hendricks, IL	304	30	60	(4-29-27-10)
12 Douglas Nyholm, AZ	290	33	49	(10-21-18-8)
13 David Singer, VA	248	26	38	(6-15-17-8)
14 Tom Hartloff, NY	247	25	43	(10-12-21-8)
15 Bill Likens, OH	221	26	: 43	(2-17-21-5)
16 Bruce Portzer, WA	198	19	31	(9-14-9-8)
17 Paul A. Hill, VA	191	19	35	(0-20-15-5)
18 Chuck Albertson, WA	186	17	31	(6-17-8-8)
19 Joseph Fela, Jr., NJ	179	17	30	(2-16-12-19)
20 Larry Abraham, MÍ	155	16	30	(1-13-16-14)
21 Neil Bartlett, WI	152	17	24	(5-7-12-14) (2-13-8-1)
22 Micheal Daniels, MO 23 Roger S. Horie, MT	143	18 16	23	(3-10-13-5)
24 Jerry Thatcher, CA	140 136	12	· 26 25	(4-13-8-1)
25 Russ Brown, MI	125	14	2) 18	(2-12-4-9)
26 R. Neil McDougald, BC	118	16	27	(0-6-21-1)
27 Bruce Tarr, VA	108	13	27 17	(2-10- 5- 5)
28 Bill Nittler, CO	103	12	16	(2-8-6-7)
29 Melville C. Coffin, BC	93	11	18	(1-9-8-0)
30 Gordon Hanson, WA	92	13	19	(0-6-13-2)
31 Dave Christensen, WA	91	īó	15	(4-4-7-1)
32 Dan Adams, CA	90	12	14	(1-5-8-3)
33 Frank Wheeler, PA	71	9	12	(1-5-6-4)
34 Mike Nickel, Mo	59	7	11	(1-5-5-3)
35 Mark Drogin, NY	33	3	7	(0-5-2-0)
36 Father Jack Pejza, CA	33	- 3	Ĺ	(2- 1- 1- 1)
37 D. Alan Cunningham, IL	24	Ĺ	Ĺ	(0-1-3-0)
38 Steve Shurtz, KS	20	3		(1-0-2-0)
39 James Mohler, IA	6	ĺ	ĺ	(0- 1- 3- 0) (1- 0- 2- 0) (1- 0- 0- 1)
40 No Entries; Campbell, E	ly, Faulkner,	Friedri	ch, Heimburg	er, Hein,
Johnson, Kirk, Luoma, N	ortham, Nutha	ls, Pear	kins, Pawlow	ski, Plonka
R. Shurtz, Zimmerman	CATT TROUBER			

		CALL LETTERS		
1	Steve Taaffe, IN	238 Pts	85 Stns	(73-11-1)
2	Andy Kwiatkowski, IL	232	99	(74-24-1)
3	Tom McCormack, IN	217	85	(64-20-1)
14	Al Ogrizovich, IN	135	56	(42-13-1)
5	Ron Coleman, VA	125	51 [°] .	(40-9-2)
6	Steve Kamp, CA	123	51	(40-10-1)
CHOMPACK NO.	Rick Evans, IN	120	45	(34-11- 0)
	Jim Lersch, IL	100	38	(29-6-3)
	Fred Hendricks, IL	94	41	(33-8-0)
	Quentin K. Brown, ONT	84	. 37	(27-10- 0)
11	Rich Eddie, MO	_80	32	(25- 6- 1)

Page 6	CALL LETTERS CON'T		1, 1971
12 John P. Lombardo, NJ	77 Pts		(28 - 6 - 1)
13 Paul A. Hill, VA	Little $\dot{7}\dot{3}$ and note to	28	(17-11- 0)
14 Chuck Albertson, WA	62	26	(22-4-0)
15 Bill Likens, OH	61	25	(20- 4- 0)
16 Tom Hartloff, NY	56	22	(18-4-0)
17 David Singer, VA	55	19	(11- 3- 0)
18 Bruce Portzer, WA	54	27	(24-2-1)
19 Joseph Plonka, SASK	49	17	(11- 5- 1)
20 Roger S. Horie, MT	47	20	(18-2-0)
21 Larry Abraham, MI	47	19	(16- 3- 0)
22 Melville C. Coffin, BC		17	(14-2-1)
23 Douglas Nyholm, AZ	46	16	(11-4-1)
24 Micheal Daniels, MO	46	14	(10-4-0)
25 Gordon Hanson, WA	42	12	(8-2-2)
26 Joseph Fela, jr., NJ	38.	15	(14-1-0)
27 Bruce Tarr, VA	37	10	(9- 1 - 0)
28 Bill Nittler, CO	36	13	(9-4-0)
29 Neil Bartlett, WI	34	12	(9-2-1)
30 R. Neil McDougald, BC	33	12	(9-3-0)
31 Dave Christensen, WA	. 33	12	(9-3-0)
32 Jerry Thatcher, CA	30 1 1	12	(12- 0- 0)
33 Frank Wheeler, PA	26 🗥 💮	8	(5-2-1)
34 Dan Adams, CA	24	8	(6-2-0)
35 Russ Brown, MI	24	7	(6-0-1)
36 Mike Nickel, MO	14 21 CT	7	(6-1-0)
37 Father Jack Pejza, CA	18	4	(4-0-0)
38 D. Alan Cunningham, II		2	(2-0-0)
39 James P. Mohler, IA	6	1	(1-0-0)
40 Steve Shurtz, KS	6 3 30 6	1	(1-0-0)
41 No Entries, same as De		for Joseph P.	Lonka
P. Charles A. L. Charles B. C. Charles B. Charles B. C. Ch	OREIGN SENIOR CONTEST		

1 No Entries, Garcia, Godwin, Nittler
FORETCH JUNIOR CONTEST

	T. OT/TET CAM	O OTATOM COMPANDE		and the state of t
1	Quentin K. Brown, Ont.	86 Pts	ll Stns	6 Ctys
2	Steve Kamp, CA	77	9	7
3	Chuck Albertson, WA	74	5	5
4	Ron Coleman, VA	50 17	5 TO LOO 11	5
5	Gordon Hanson, WA	48 ·	4	2
6	Bruce Portzer, WA	46	4	2
7	Dave Christensen, WA	34	2	2
8	Rick Evans, IN	32	3	3
9	James P. Mohler, IA	23	2	2
10	Father Jack Pejza, CA	19	1	1

Dave Christensen 3434 39th W Seattle WA 98199

Hi all. Thought that I'd try to waste this space instead of giving it to DEE to waste... Only 2 veries in, KKUA, v/q, Roycroft v/s, (Roycroft said that KGMB will soon begin sharing the tower with KGU KTRG KHAI which already share the tower), and CKBI 900 v/l. Re taped veries; I agree with those who say that taped veries are more conclusive evidence that you really did hear the stn, altho I think that I'd rather have 300 v/l's or v/q's, etc, than 3100 taped veries. Also, I'd rather have a qualified DXer sign my verie, than some secretary who doesn't know what an IF freq. is... This concludes this speech, for printed copies write 6059 Essex St, Riverside CA 92504 at the rate of 10 per \$1. Various members and editors—different strokes for different folks. Till next till when DEE explains the verb "toke", express yourself. —————73

Nominate & vote in the elections, its the best way to change the club.

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May 1, 1971
                      EAST COAST DX ROUNDUP
                                                                Page
Editor; Dave Faulkner - 1430 Pine Grove Avenue -
                                                    - Port Huron, MI 4806
Deadlines 5/6, 6/4, 7/9. Send ALL reports to Bruce.
 560
     WJLS
           WV Beckley w/cw o/WIND 2110-2115 4/8. (JR)
           AL Gadsden good 4/13 0105 - 0115 s/off, vy. long s/off
 570
     WAAX
                                      (DF)
               proceedure w/fair QRM.
            OH Youngstown 0229 w/cw 4/12 w/gud sig.
     WKBN
 580
     WKAQ
           PR San Juan 0219 4/12 fair to good some QRM.
               all others in SS.
                                 (SM)
           GA N. Atlanta w/s/off 1915 4/15.
680
     WRNG
                                             (RAC)
 690
     WZAP
           VA Bristol w/ID 1856 4/14.
                                        (RAC)
 710
     WGBS
           FL Miami w/ID on ET u/WOR 0220 4/12. (RAC)
*590
     WROW
           NY Albany w/talk, down tempo mx, fair sig. 4/13 0023. (DF)
 730
     CHIR
           ON Leamington not far but extremely weak and alone w/Dolly
               0300 4/21.
                          (PSL)
     WACE
           MA Chicopee 1329 w/comm. for Goodyear good sig. next to
           WGSM 4/4. (MP)
PA Allentown 1309 4/4 w/gud sig. all alone.
 790
     WAEB
820
     WAIT
           IL Chicago 1925 4/3 w/MoR w/gud sig. for 5 kw.
                                                            (MP)
           FL W. Palm Beach 0133 w/nx 4/12 w/fair sig. (MP)
850
     WEAT
860
     KONO
           TX San Antonio 0159 w/nx & wx 4/12 w/good sig.
910
     KGLC
           OK Miami w/cw atop freq. 0340 4/21. (PSL)
*850
           MA boston o/FF w/rr from CKVL.
     WHDH
                                            (PSL)
     WKIX
           NC Raleigh w/ET 0328 4/19. (PSL)
930
     KWOC
           MO Poplar Bluff 4/15 0033 w/St. Lons BB fair-poor.
940 . KIXZ
           TX Amirillo 0315 4/19 on air for tornado emergency w/UnID
                   Pgm. was rr.
                                 (PSL)
     WYLD
           LA New Orleans vy. weak s/on 0135 w/ID, "Wyld 940 New Or-
               leans," then OC & s/off 0139 4/5. (PRD)
 950
     WGRT
           IL Chicago good u/WWF w/s/off u/WWJ 1930 4/8. (JR)
 960
           VA Roanoke dominating freq. w/Holliday Inn pgm. 0215-0250
     WFIR
                     (PRD) (Paul; call change was 1/1/70 - DF) Atop w/
               Dolly 0400 4/21. (PSL)
 970
     WAVE
           KY Louisville w/wx 1906 4/14. (RAC)
           IL Carthage w/ET 0130 4/12. (RAC)
990
     WCAZ
           TN Knoxville 0219 4/12 w/Pat Thompson Show w/good sig.(MP)
     WNOX
1010
           MS Meridian 4/15 0150 w/class. mx. (RMB)
     WMOX
           WI Stephens Point good o/CFRB w/cw 1935-1945 s/off 4/8.(JR)
     WSPT
1050
     KUPK
           KN Garden City strong 4/14 2133 w/XEG. Pale white qurora
               visible to the zenith brought in the south!
                                                            (DF)
     CJRP
1060
           PQ Quebec 0300 - 0430 FF alone on channel.
                                                        Some rr.
     WNOE
           LA New Orleans vy. strong 4/14 1925 w/sports.
               XET, HOJ-2, PJA-6 & YNLU hrd at JR's. (DF)
     WOIO
           OH Canton fair - poor 4/14 1900 w/ID, MoR. (DF)
1070
     WIBC
           IN Indianapolis 2106 4/3 w/rr & fair sig.
           TX Dallas 0151 4/12 w/comm. for contest.
1080
     KRLD
                                                     (MP)
1110
     KFAB
           NE Cmaha 3/13 0025 w/sports report. 0030 w/mx thru 0040 u/
               WBT w/loop. At times wiped WBT completely out.
     WKEG
           PA Washington u/WKYC slop 1033 4/14.
           ON Hamilton 2425 4/12 w/rr & fair sig.
1150
     CKOC
                                                    (MP)
1260
     KPIN
           AZ Casa Grande will test 5/17 for IRCA 0300-0415 EST. May
               not be listed on fromt page. (PSL)
           PA Phillipsburg 1830 w/wx 4/5 w/good signal.
     WPHB
           TX Ft. Worth w/rr 2200 4/15. (RAC)
1270
     KFJZ
     WXYZ
           MI Detroit 2039 w/cw & stn. ann. 4/4 gud sig. for first
               5 kw. Mich. (MP)
           SC Mullins 4/15 0015 w/ET-TT, weak IDs every two or three
1280
     WJAY
               minutes, fair to poor sig. (DF)
1290
     WFBG
           PA Altoona 1935 w/rr 4/3 & gud. Sig.
           WV Logan w/wx 2144 4/15. (RAC)
     MAOM
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May 1, 1971
                          EAST COAST DX ROUNDUP
                                                                Page
MD Baltimore 4/15 0048 w/rr. (RMB)
     WFBR
           TN Nashville 4/15 0138 w/nx, wx, & sports. (RMB)
     MAKK
           MS Jackson w/rr 2137 4/15. (RAC)
     WRBC
           ON Richmond Hill 2159 w/nx & sports w/xlnt sig. 4/3.
1310
     CFGM
                                                                  (MP)
           VA Newport News w/ID 2127 4/15. (RAC)
     WGH
           NC Asheville fair w/TT QRMing test of 3/29 0210-0230.
     WISE
               3/29 on NNRC DZ hrd vy. briefly w/just one ID at 0301 u/
               local WCAM & several other UnIDs. (TRS)
           NJ Asbury Park 4/7 1403 - 1414 w/nx u/WVIP.
     WJLK
           MI Dearborn 4/15 0130 w/rr. (RMB)
     WKNR
1320
     CKKW
            ON Kitchener w/ID 0205 4/12, (RAC)
           VA Richmond poor 4/13 0005 on r/c, sounded like end of
     WEET
               check.
                       (DF)
            IL Kankakee 4/15 0045 w/rr, QRM from WCOG. (RMB)
     WKAN
1340
     WMID
           NJ Atlantic City 4/7 hrd well w/rr & WNHC nulled 1422.
               (BDB) Good o/QRM w/rr 0110-0120 4/15.
           PA Reading 0547 w/rr, w/gud sig. 4/3. (MP)
     WRAW
1350
           NH Laconia 4/6 1740 hrd scrambled w/WROK u/WNLK.
     WLNH
                                                             (BDB)
           WI Green Bay 2439 w/cw 4/12 w/gud sig. (MP)
1360
     WBAY
     WLBK
            IL De Kalb o&u WBAY w/ID & Buick ad 1915 4/13.
1370
     WSPD
            OH Toledo 0129 w/nx & good signal 4/12. (MP)
1390
     MEAM
            VA Arlington 1855 o&u/WLAN w/rr, fair sig 4/10.
                                                             (MP)
           PA Lancaster 1858 w/rel. pgm. w/good sig. 4/10.
     WLAN
1410
     WHTG
           NJ Eatenton 4/7 1302 well w/MoR & WPOP nulled. (BDB)
1420
            PA Coatsville 2100 4/4 w/nx & good sig. (MP)
     WCOJ
            VA Clinchcoe good o&u WIRE w/r/c 0120-0135 4/19.
1430
     WDIC
1480
     WLEE
            VA Richmond 0258 w/nx & wx 4/12 w/good sig. (MP)
1490
     WABJ
            MI Adrian 2428 w/MoR 4/12 w/good sig. (MP)
1530
     WERX
            MI Wyoming 4/13 1930 weak w/s/off. (DF)
1550
     WBSC
            SC Bennettsville w/ID 2115 4/15. (RAC)
      WIRV
            KY Irvine fair w/ET 0240 4/3 w/voice ID, OC & mx. TT 0257*
            VA Vinton strong s/on 0545 w/gospel mx 4/4.
      WKBA
            KY Morganfield 4/13 0223 w/ET, cw mx, xlnt sig.
      WMSK
      WSER
            MD Elkton good w/ET 0200-0249 4/4 w/OC, rr & many IDs. (PRD)
            MI Fremont fair o&u CBE w/ET & MoR 0034-0015. r/c 0115 -
      WSHN
               0130 w/TT 4/3. (PRD)
                                                                *PRD)
            LA Lake Charles fair - poor w/rr 0350 4/2. Are they AN-6 ?*
1580
      KLOU
            MS Amory good o/QRM w/f/c voice ID 0145 then dt 0500 4/2(PRD)
      WAMY
            PA Waynesburgfair o/QRM 0330 4/2 w/ET voice ID 0342.
      WANB
      WAXU
            KY Georgetown finally 4/13 1915 fair w/2 IDs.
      WPGC
            MD Morningside strong s/on 0530 w/rr 4/2.
                                                      (PRD)
                                                             U/WAKR
               slop 1845 4/14. (RAC)
            KN Great Bend 4/13 1944 fair w/MoR, NBC later. NC Chadbourne u/WAKR!!! 1841 4/14. (RAC)
1590
      KVGR
      WVOE
1600
      WFRC
            NC Riedsville good 2200 4/14. (RAC)
            MI Muskegon weak ID u/WAKR slop 2330 4/13. (RAC)
      WTRU
(RMB) Michard M. Bartos, OH
(BDB) Bruce Bennett, NY
                                   (SM)
                                         Steve Martin, MD
(RAC) Robert A. Cohen, OH
                                   (MP)
                                         Mark Perlmutter, NY
(PRD) Paul R, Daplyn, ON
                                   (JR)
                                         Jerry Robertson, MI
(PSL) Paul S. Lotsof, NY
                                   (TRS) Thomas R. Sundstrom, NJ
Well Group I've actually been DXing, & have even done a bit of foreign
listening, Also received, but not at Jr's was HIBE, 1180 which I dug
out after I got home. WABD & WKSN are stations 899 & 900. Hooray for
Toledo!!!
                                Really ran tight on the space this time
& got some (2 to be exact) very bad reports, which were not in frequency
order and had tips on both sides of the page. As for a re-intro, I'm 18
and attend St. Clair County Community College here in town. I joined
IRCA 3/70 after Brh told me about the clab after seeing WRTH ad placed
by the club. Have been DXing off and on for 6 years, but only scriously
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for about 2.

Paul R. Daplyn - 94 Mortimer Ave. - Toronto 355, Ontario I'm running out of American 6¢ stamps. Anyone interested in selling me 100 6¢ U.S. stamps at a small profit please write. Will also swap w/Canadian ones. Have done very little DX since the last time I was in these pages. It's good to be back in gear again. The WAGL ET was really booming in here, but the WINE test was king of weak. Hope nobody missed out because of DXM error. I've decided to include veries I received while I was living in Yorkton, Sask., Ramore, Ont. & Clementon, NJ. Hope nobody minds. Domestic totals stand at 396 from 10 prov. & 44 states. 5 foreign from 3 ctrys. I usually don't bother w/foreign DX unless they are in English. (you're missing out on a lot of DX fun when you don't-Brh) Only one verie in so far this year: a v/l from WHEX 1580. I have 20 reports out so far. Does anyone know if CKDM veries? I've been trying for almost 5 yrs from 3 I have not taken the "mailed them a prepared card" route yet. I wonder if they're saving the stamps -- 73s & good DX. (this rpt should have been in the 4/17 DXM but the stencil mix-up prevented it-Br

Dave Whatmough - 284 Main Street West - Hamilton, 12, Ontario A few new loggings so far this year: 1/23 - WMNC spl L&C. 2/1 - WOBR ET w/tone L&C 0040-0045. Tried for WHIP but no go tnx to semi-local pest VSLR. 2/6 - Forgot about WBKC test & fell asleep minutes before This falling asleep is becoming a regular occurrence. 2/8 WGRY r/c. No sign of WAJR - just CKPM. 2/15 Great MM w/3 new ones. WORV r/c w/organ mx per list. WJDM & WSTP specials. 2/17 - Some SSS DX brought 2 newies - WSMI & WBTC both 1540. 2/18 - r/c WNMT hrd u/KB. KILO L&C & surprise WKBW off for 15 minutes enabling WKVI Know Ind to make it 0400-0415. WLAK hrd w/HIN briefly but too much WIRE to get a log. 2/24 SSS good again WEAW hrd thru WRIE/WHOT/WTRX @0555. WOI briefly @0630 - 1st time hrd in 10 yrs. Veries - v/1 WWNC WCGR WRBC WOBR WNMT WNFJ WORV. v/q - WYDE KLAK. v/f - WTLB WPLO. v/r - KWEL WYLO WIXE. CM Collectors, please write - I've received CN s from 77 stns during the past week so have lots to trade. (This is one of the aforementioned rpts. Dave, most of this should have gone to DXR, besides, it might have been printed sooner, hi-Brh)

Mike Muench - Sprucedale - Ontario
Hi. I've just joined, so here's an introduction: I'm a 28 yr old
musician, vending servicer, & farmer, 150 miles north of Toronto. In
10 months here I've used a crummy "pocket" transistor portable plus
250 feet of antenna to get 115 stns in 21 states & 3 provinces. I've
received 48 of the 91 stns in Ontario. Best DX is WFIR & KTOE, both
5 kw. Best daytime 1130 am, is WAIT. In a month I'll have a 110 vac
generator & can use a better receiver & a loop. 73s. (Mike, send
all DXF rpts to me at the above address. Welcome & report often-Brh)

Jerry Robertson - 6065 Gardner Line - Croswell, MI 48422
4/22-4/23 HI fellow DXers. Latest veries are WKTE v/q, CJBC v/q,
WSWW v/l & CM, & WKMF v/l & CM. Congratulations to QKB upon being
appointed SoM Editor. Let's all support him. FP- Your unID u/WOWO
is most likely KRDS. Does anybody know where to get a groundwave
conductivity map? 73. (On its way. -DEE)

A Beverage wave antenna is in the offing at Croswell, watch for it-Brh

Mark Perlmutter - 2 Fisher Drive - Mt. Vernon, NY 10552 4/13-4/15 Hello to all you DXers out there, I'm back w/another rpt. If I keep this up I'll amaze myself. DX has been very good & have gone back permanently to my Realistic TRF. It is just great. I am using 75 feet of copper wire inductively coupled & there are no problems as I had before. Am also going to build a 2' x 2' box loop. If any of you build one like this you should use a capacitor double the mrds of the one you use (ex. 365 mrd.) as this will tune the loop much better. Some of the better catches here are WABJ good for 250w, WEAT W. Palm Beach, FL good for 1 kw & there are others see DXR. If anyone knows of a schematic for a transistor Q-mult. please write. (there is one in an issue of PE, check back to about 1/69-Brh) Well thats about it, will go back & do some DXing. DEE: your a great publisher & I hope everyone appreciates you as much as I do. 73s.

Thomas White - 1119 N. Harrison St. - Arlington, VA 22205 Greetings! My first report should include an intro, so here it is. I'm 14 yrs old & go to Swanson Jr. H.S. I've been off & on since about 1968, but my total veries before Feb. of this year were about 6. My totals now are 118/41, 25/17, 3/2 ctys(the unveried isn't Mex., its the Neth. Antilles). Because of school I haven't been able to do as much late night DXing as I wish I could, so I've mostly been listening for stn s/offs. My best catch is CHYR-710. Does anyone know why some veries have small purple numbers on them? 73s & Good DX to all!! (Wel-

come Tom, report often-Brh)

Sheldon Swartz - Coronado Apts. #13, Medway Rd. - Milford, MA 01757 HI! I am now living about 20 mi. SE of Worcester. Phone is (617) 784-7248, & DXers are welcome to phone or drop in 24 hrs a day. Now to DX: My first Wisconsin hrd this week for state #27-WTMJ w/QRM from WSUN on a semi-auroral nite, 3/31. 4/4: WRDO ME 1400 rock w/S5! Am now in the process of getting local WMRC & semi-locals veried. 4/6 WNEB MA, WKBK NH s/off after WRIB RI s/off. Also CHSM hrd, but not enough for a rpt. WHO 4/6. 4/7: WEZE MA (non dir. day-NE beam at nite). Does anyone know of a CW stn on 1520? I hrd em last MM after WKBW (pest!) s/off for testing. DEE says not KOMA. Anyone needing WSAN verie please ecrivez a moi. I have a little pull there via family relation. TIP: try WTXL 1490 W. Springfield, MA. Now NSP w/hi-modulation rr & new grounding system. See ya!

(Sheldon & others, please keep the amount of DXR material in DXF down. Your rpts. are pertinent & well done but they really don't belong in So try to separate your your rpts. If you don't have time to prepare 2 sheets, put them on one as DF can put up $w/\frac{1}{2}$ sheets if that's the only way you can send them. Everyone keep up your fine report-

ing-Brh)

Bob Ligon - 539 N. Firestone Blvd. - Akron, OH 44301 First of all, it was great meeting Bryson, Evans, McCormack, Taaffe & everyone else I met at the big YAD thing on 4/10. DX here has been slowly picking up w/540 hrd. Best loggings this season have been KGA, WINE, WDEL, CFCH, KDAL. Rx here is a TRF & where have we hrd those ltrs before?? Radio Shack must be making thousands on these little gems! Veries: WIXY, v/s Gary Weber & WZAP, also KOA thanks to Larry Godwin. To you TV DXers: WKBF 61 Cleveland will boost pwr. to 2440 kw on 5/15 & WCOT 55 Akron is not on yet. (Bob is WKBF the Kaiser Broadc. stn in Cleveland? I have a hunch it is because WKBD, Kaiser Detroit is also boosting pwr. to 2.3 megW. soon-Brh)WHLOs new towers are up nww, just off U.S. 21 about 4 mi. N. of I-80s, there are 2 guyed towers w/null for CFCO Chatham, pwr. is still 1 kw, not being used yet though. Is anyone interested in trading CMs for SCs, I have about 550 different traders on hand, that is, I want the CMs & you get the SCs? Peace. Let's all support the convention this year w/either our attendance or an item for the annual auction-Brh

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C.M. "Stan" Stanbury II - Box 218 - Crystal Beach, Ontario Re that "mobile" Voice of the Coast, now supposedly on both 737 & 1250, & currently in the process of transferring its official Sharjah XMTR site (4 miles from the RAF base there) to Dhubai (22 mi. from Sharjah) -I am afraid that the 2/27 DX NEWS has somewhat unnecessarily further confused the situation. They list its present XMTR site as "Abu Dhabi" but the coordinates NRC gives for that spot (25.21.30N, 55.23E) are Sharjah's - where at least three different witnesses have testified V. of the Coast wasnIt, atcleast not its SW XMTR anyway. Certainly V. of the Coast is mysterious & a mobile identity is the most likely solution. Meanwhile congratulations to George Tanner on his excellent CoF list which solved one minor mystery for yours truly. Now I know why I couldn't hear WFUN, on several Monday AM tries last summer & fall hi. WFUN, incidently, is one of my most wanted domestic targets, along w/the one on 1166 which I've been hearing regularly.

Steve Taaffe - Box 156 - Dayton, IN 47941 Greetings everyone from Indy. Had a great night over at TM's 3/22 in which we heard KCRL booming in at times & almost thought that this was an ET from another stn, KHOS KFRE, ZBM1, & WAVZ(hrd this while tuning around for WMVO-DX, not a bad catch). Recent veries-v/q WKTE-DX, WAPI WMAZ WHFB KUOM KFHM WIND WONE KTWO(#2 from Wyo) KUDL WSAI WERH. v/l-KRDS WDEB KOKX WBOW WPGC WCMR Barbados (aerogram) WTJS CKLG (#1 BC) KHOS WOBR KXRA WAVZ WARU WNUE-DX WYNK. v/f- WSIX WJMX. No signs of the WMVO-DX but did hear WAGL-DX w/alot of QRM from Hangsue, Thailand, hi. That's about all for now 73s & good DX to everyone. Toledo in 71 or how about a Dayton campout, hi. Totals: 44/42, 7/6 for almost a yr of DXing.

Raymond Arruda - 6 Wilbur Ave. - No. Dartmouth, MA 02747 4/21-4/23 A 72 store shopping mall just opened in Dartmouth, so that ought to lower the taxes. Arguments can flare up throughout the membership about taped veries vs. written veries, but I'll take a written verie any day because it gives me more satisfaction than a taped verie. I have no taped veries. As a matter of fact I don't even have a tape recorder, hi. (then how do you know that a written verie gives you more satisfaction?-Brh) Chuck Wall: WSAV & WKAT veried for me by v/q. Tom Yingling: glad to hear that you're well & back at the dials. Sheldon S., where is my WKOX verie? I have an 83% verie return here. WAGL WINE & WISE DX tests were hrd & reported. Recent veries are from WAGL (v/q) & WINE (v/1). Also a v/q from WDEE & a v/l from CHFI. Nothing as of yet from WISE. Not many reports out, but as soon as I make 300 veries I'll have to send in my applications for my IRCA Achievement Awards. For the benefit of the newer members, I have just renewed for my 5th yr in IRCA, & am 21, single, Army Vet & am employed by New England Telephone & Telegraph Co. & am a Bud Man. Have a static free summer. 73.

KRLD AND THE NETWORKS KRLD-AM, Dallas, Texas, is the center of rivalry between the CBS and ABC radio networks. The station, a CBS affiliate for a number of years, has just lately signed a contract with ABC's Information Network, which will give it dual affiliation. At CBS, station liaison Maury Webster claims the station is interested only in carrying certain weekend sports shows and the "Perspective" series from ABC -- strictly as a "supplementary" service. But ABC affiliates head, Robert Mahlman, says KRLD has signed a standard contract, and suggested that CBS will be phased out. Webster, meanwhile, maintains that KRLD will continue to at least carry CBS' news on-the-hour. (VARIETY via David Alpert)

CANDIDATES FOR IRCA OFFICES ARE NOW BEING NOTIFIED OF THEIR NOMINATION. THE BULLETIN DATED JUNE 12, 1971, WILL CONTAIN CAMPAIGN STATEMENTS AND A BALLOT SHEET.

David Singer - 5501 Old Richmond Ave. - Richmond, VA 23226

Hi. One of the local DXers has a mystery: "WJNF"-7350 w/acid rock.

Sigs were weak w/ham QRM @ 1430 3/28. Any help, anyone? This past weekend has been one of my best in a long time, w/5 new ones logged, including my best catch of '71 so far, WFEA. Naybe this is a good sign for summer. I didn't believe the 3/27 DXM; almost every Forum report was almost totally pertinent to DX! I thought that was against the EP, hi. I guess it's time for a re-intro: I'm 17 & a senior at J.R. Tucker H.S. in Richmond. I've been DXing off & on for about 8 yrs now, but I hadn't seriously DXed BCB until 7/69. I now also DX TV & FM. I'm the editor & publisher for the VA DX Association. Correspondents are always welcome. 73 & CUN 14.

Paul R. Daplyn - 94 Mortimer Ave. - Toronto 355, Ontario 4/17-4/20 WHEX 1580 sent me a tentative date of their next ET which unfortunately was too late to announce in DXM. However the CE, Don Shank said future tests would likely be on SATMs or MMs starting at 0000 They've always tested in the past w/OC & voice IDs. Address is: WHEX Radio, Box 36, Columbia, PA 17512. Veries in since last report: WINE WUSJ WIFE WAOK KQV KSO WAGE WDXR WTOD WAMY WTTN WVKO. 73s & Good DX!

Bill Likens - 2578 Spaatz Ave. - Columbus, OH 43204 4/20-4/22 Hi everyone. TH: WOSUs s/on is the local sunrise + 1 hr. This is constant throughout the yr. Can't think of anything else so 73 & Good DX.

Robert A. Cohen - 1096 Endicott Dr. - Akron, OH 44313
4/21-4/23 This is my first DX Forum. So an intro. I'm 18 & will be a freshman at Akron U. in 2 mos. I've been DXing 15 mos. My totals-289/66, 34/30, 4/2, & 7/2 ctys. Recent veries include WNUS, WIND, WGR, WRC, KFI, WDEL, WGBS, WREO, CFCO, WIXZ, CHLO, WMBS, & WJER. Most of my DXing is at sunset. I used to stay up every MM but I've been falling asleep for the last 5 MMs. My rxs are a Panasonic RF-689 & a Realistic TRF. Well that's about it. I hope to see everyone in Toledo this summer?! 73s

Richard M. Bartos - 692 Moore Ave. - Campbell, OH 44405 4/16-4/19 Hi DXers, it's been a while since I sent in a report, so I thought I'd let you all know what's been happening. DX has been fair for me lately w/such catches as KDAL, WINE who tested on 3/29 from 0200 to 0330, WRIG, WABY, WHZN, WIST, WNJF hrd on f/c 4/10. (The rest edited per my policy, see comments after S. Swartz's report-Brh) WTCL-1540, Warren, OH is now as you may well know on RS. I guess the recent GTG at Jerry Starr's place was a great smash. I wasn't able to attend myself because of a recent accident in which I sustained a compound fracture of my right leg. I guess you have to accept the breaks as they come, hi. I am proud to announce that my brother Steve will become a member of the IRCA under the joint membership program. This will probably happen when I renew my membership in early June. It's not always you get two Bartos boys in the same organization, hi. That's it for now DXers. 73s & Peace.

Bruce R. Heimburger - 817 Rawlins St. - Port Huron, MI 48060
Easter vacation turned out to be a pretty good time for DXing. I got 26 new stns in 3 days of DXing. About ½ of those were hrd at JRs house which is about 20 mi. N. of P.H. DFs & my plan was to do some SSS DX work there w/out some of the local QRM found here. Well, while idly talking about auroras Jerry mentioned that he had noticed auroral QRN earlier on his TV. So we all went outside & there it was, the biggest aurora since 8/17 (according to WHAM). It netted me 7 new foreigns. Re my idea from the 4/17 DXM, since summer is usually a slow time DX wise, I think it would be helpful to most DXers if a complete run-down on the DXer's locals be sent in to the respective sections. That's it for now & make this year's convention the IRCA's best ever.

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MIDWEST DX ROUNDUP
1 MAY 1971
                                                              PAGE 13
EDITOR: Richard C. Evans, Box 2146, East Chicago, INDIANA, 46312
DEADLINES:
            5/6 6/3 7/8 8/5. Report early, Wed. if possible!
San Antonio, 0033 4/14 fair u/KSD w/jingles, RR (AWO)
 550
     KTSA
            TX
 570
     WSYR
            NY:
                Syracuse, s/on then Mx & Wx 0500-0502 4/6 (GN)
 580
     WKTY
           WI
                LaCrosse, suspect this is the one s/off w/instrumental
                SSB most Fri. & Sats 0057-0059. CKY almost nulled.
                Does anyone know if it's them? (JAM)
 61 0
     WTVN
            OH
                Columbus, 1841 4/17, fair w/MoR (AWO)
                Lexington, 0133-0144 4/9 off the air, conducting
 630**WLAP**KY
                preventive maintenance tests (GN)
 680
     KNBR
            CA
                San Francisco, 0235 4/12, unn. but exc. w/Mx and
                contests, WPTF looped (GN)
      WMPS
            TN
                Memphis, fair w/RR 1920 4/11 (AWO)
 790**KFGO**ND
                Fargo, on f/c 0230-0245 4/12 (2nd MM)
                Langley, fair 0454 4/12 w/C&W Mx (BWL)
 850
      CJJC
            ВC
 910
                Denver, Mx & S/off 0059-0100 4/12 good signals (GN)
      KPOF
            CO
 920
     WMPL
           MI
                Hancock, poor w/s/on 0600 4/13 (JAM)
      WOKY
            WI
                Milwaukee, AN 4/12 NSP? (GN)
                Brookfield, very poor on DX w/tentative ID 0310 3/29*
 940**WINE**CT
 960
     WFIR
           VA
                Roanoke, fair to good w/HI, mentioning a new HI under
                construction in Roanoke 0131 4/12 (NB)
 970
     WBSS
                Chicago, good w/soul 1930 4/19. Seems like a soul
            IL
                WKYK w/jingles and PSAs (AWO)
1000
     KOMO
           WA
                Seattle, good o/KYOK WCFL w/Wx 0440 4/3. Not too
                often KOMO comes in like this (JAM)
1010**KCAC**AZ
                Phoenix 0433 4/5 good w/ET-RR Mx (BWL)
           NY
      WINS
                New York, 0051-0100, hrd w/Nx Wx & spot o/CFRB,
                good signals (GN)
1030
    KTWO
           WY
                Sheridan, very weak w/ID on hour 0200 4/12 (NB)
1050 * * KUPK * * KS
                Garden City, unn w/f/c TT/ID 0245-0300 4/5 o/CJIC (GN)
1060**KUPD**AZ
                Tempe, noted ETing between 0400-0500 MMs 4/5 & 4/12
                They seem to do quite a bit of this on MMs so watch
                for 'em (that is, if KYW isn't really NSP) (BWL)
      KYW
            PA
                Philadelphia, hrd AN MM 4/12 w/all-nx, NSP? (BWL)(GN)
1070
      WAPI
            \Lambda L
                Birmingham, good w/s/off & SSB 0116 4/17 (AWO)
      KNX
            C\Lambda
                Los Angeles, off again MM. 4/17 (BWL)
1130
     KWKH
            L\Lambda
                Shreveport, alone on freq. w/Nx 0600-0605 fadeout
                4/9 (GN)
1140**KSOO**SD
                Sioux Falls 4/12 MM ET/M hrd 0235 on (DE)
1190 KRDS
            \Lambda Z
                Tolleson, surprise w/Honda ad, then SID-"More Music,
                1190, Cards" then into c/w 0216-0219 r/12. Good sig
                o/KLIF but soon it was gone. Taped (NB)
                Donelson, good w/mucho QSB on ET w/swing Mx 0114
    **WAMB**TN
                                                                (AWO):
                4/19 (AWO)
            IL Centralia, good w/MoR 1921 & s/off 1930 4/15 no SSB
1210 WILY
1230 ** WSBM **??
                ????, not listed in Whites log hrd w/f/c 0255-0310
                4/12 (GN) (quite likely WCUM-1230 which was hrd
                testing about this time on 10/12--perhaps r/c semi-
                annual; 4/10 months--rce)
1270
      KCOK
                Tulare, 0219 4/10 good w/local ads & RR (BWL)
1290
      CJOE
            ONT London, 0215 4/6 fair u/WIRL w/SID (RSK)
      WTAQ
1300
                LaGrange, fair w/Mx & talk u/unid TT 0320-0330 4/12
               (GN) Flag stn for White Sox this season (DE)
1310
      CKOY
            ONT Richmond Hills, ID 0430 4/12 (GN)
      WIFE
                Indianapolis, fair w/RR u/KBUZ WRR 0440 4/12 rare(BWL
                Wisconsin Rapids, 2400 4/11 fair o/u/WILS w/s/off(RSK)
1320
      WFHR
1340
      KLBK
                Lubbock, 0226 4/10 good w/RR mentioning the "big
                switch to KLBK" (BWL)
ALL TIMES HERE EST. WE NOW SWITCH TO EDT A/K/ARELT. REPORT OFTEN!!
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MIDWEST DX ROUNDUP PAGE 14 1 MAY 1971 EDITOR: Richard C. Evans DEADLINES: on previous page. O'Neill, fair o/u KBMR KDIO KRLC w/15 minute Nx rpt. 1350 KBRX NE 0900 4/8. CE says KBRX gets out well on r/c (JAM) 1360**WIXZ**PA ~McKeesport, IDTin TT 0242 4/12 (DE)(\$14:50 L/T--rce) Tacoma, very good w/little QRM Spot for N.W. Schools KMO Hotel Management & Wx for Seattle 0333 4/3 (JAM) Port Huron, good w/S/on 0530 4/3 (JAM) 1380 WPHM MI Everret, fair w/KWK nulled, Nx & Wx 0400 and then a KRKO million dollar week-end (JAM) SASK Swift Current, fair w/Nx 0100 s/off 0116 w/"O Canada' 1400 CKSW No GSQ (JAM) Columbia 2150 4/6 only identifiable stn in mess over MO KFRU WDUZ OC (GN) Loretto, TT & code IDs hrd 0010-0025 4/12 on car 1400**WWSF**PA radio, 8 miles NE of Valparaiso, Ind. (DE)(rce) Green Bay, off 0100-0600 4/9 and 2135-2155 4/6, WDUZ WI supposed to be a remote election broadcast but ... (GN) Wausau, 1255-1305 4/15, weakly w/ID & Nx w/WDUZ WRIG WI off (GN) Walla Walla, poor w/CBS Nx 2200 MoR Mx with few 1420 KUJ $VI\Lambda$ announcements 4/6 (JAM) ONT Ottawa, 0509 4/12 Wx & ID u/WBCM (GN) 1440 CKPM Grand Forks, poor w/s/off 0201 4/8 SSB (AWO) KILO ND ONT Kitchener, fair w/C&W 0305 4/19 (AWO) 1490 CHYM Oshkosh, appears to be AN during the week, hrd 0117 WOSH WI 4/10 and 0412 4/6 (GN) Oklahoma City, conducted ETs around 0400 MM 4/12 1520**KOMA**OK using old RR Mx (BWL) Daisy, good on r/c 0245-0300 3rd MM w/gospel Mx. Made 1550**WPJD**TN anmt that they would not verify this check (AWO) (At least, they're HONEST about it, hi--rce) Alton, next r/c is 5/17 (3rd MM) 0630-0645 (rce) 1570**WOKZ**IL Davenport, good w/C&W Mx 1936 4/9 (AWO) 1580 KWNT Wayne, poor o/semi-local KRAD 0831 w/local Nx & Wx 1590 KTCH NE 4/6 (JAM) Cedar Rapids, 0110-0120 4/16 with "unscheduled

R/C's VIA THE LBG LIST:

1600**KCRG**IA

2nd FRI: WNJH-1580 NJ (AWO)(RSK) 1st TUE: KVOL-1330 LA (RSK) KXIT-1410 TX (NB)(RSK) 2nd MON: WELI- 960 CT (RSK)(NB) KOKX-1310 IA (NB)(RSK) WAGN-1340 MI (GN) WLIQ-1360 ÅL.(RSK) KXRA-1490 MN (NB) WNSI-1260 MS (RSK) 2nd TUE: WPUV-1580 VA (DE) 2nd THU: WYDE- 850 AL (AWO) 3rd MON: WORV-1580 MS (AWO) KWKY-1150 IA (AWO) WIDG- 940 MI (RSK)

equipment maintenance test Mx-TT-OC (GN)

A TIP OF THE HAT THIS WEEK TO:

NB - NEIL BARTLETT - 717 Mark Drive, Verona, Wisconsin 53593 DE - DON EGGERT - Box 134, Crown Point, Indiana, 46307 rce - RICK EVANS - Box 2146, East Chicago, Indiana 46312 RSK - ROBERT KRAMER - 3406 West Pierce, Chicago, Illinois, 60651 BWL - BLAKE LAWRENCE - Box 803, Canon City, Colorado, 81212 JAM - JOE A. MARKEWICZ, 1394 Elgin Avenue W., Winnipeg 3, Manitoba GN - GARY NUTHALS - 1155 Mather Street, Green Bay, Wisconsin 54303 AWO - ALLEN W. OGRIZOVICH - 2429 Schrage, Whiting, Indiana 46394

YADland was something else -- I must have been the only one there who hates beer. Indiana is staying on standard time this year (as is Michigan). It might well affect SRS and r/c for those in this area! 1 May 1971 MIDWEST DX FORUM PAGE 15 EDITOR: Lynn D. Brooks - Box 253 - Ponca City, Okla. 74601 405/762-6566 NEXT DEADLINE: Thursday, May 6, 1971. Please report & let's have a large MwDXF!!!

LEE J. FRESHWATER - 2601 Lancaster Dr. - Muncie, Indiana 47304 317-289-2409 Hi. Not too much in the DX scene lately due to radio classes at Ball State. That and the fact that WBST-FM rovd the 1970 Major Armstrong Award. All of this has kept me very active on the radio, & very inactive in DX. Several rpts out from last week. I just got my new TR, VoM, 7" reels, 3 sp...all tapes would be welcome. Be the first one on your street to get a tape of WERK-990. Who cares?? Anyone who wants to write ... please do ... I just love to receive mail ... gives me something to do . I am an old radio show nut...who has old archives?? Let me know. Also anybody who wants to write to me in regard to pirate radio, all letters welcome. SCers... I have SC's from 2 Muncie pirate stns f/69 & 70...send SASE. LDB: If you can get any DX info, from this report, you should be Pres. of the club, hi. (Caps are fine. Main thing is to double space, which you did. -LDB). 73's & Good DX. Plan to be in Toledo in 71. ROBERT KRAMER - 3406 W. Pierce - Chicago, Illinois 60651 The surprise of my DX life came on 3/28 when I called WKBA & they put me on the air. I called CJIC-1050 trying to get them to stand by for the DK Spec f/WBNC, but they didn't. CHUM wouldn't even answer their phone. Not much DX done this week. Latest veries: v/q wvop v/l KBRX wnjh kdth kjlt wpcf kfru kxra ksky v/f kudl wjmx v/r kezu. 3 more v/l's: WJBO WSMI XEK. As they say in Toledo: Who can Top Toledo Ohio. 73 PERCY R. KESTEVEN - 13112 - 134 Street - Edmonton 44, Alberta, Canada I don't know how others feel about it, but I would appreciate less use of initials in Forum rpts. I've been around for 4 yrs & know all the main ones like "mbn", "LBG", & "DEE", but I find myself doing a lot of head-scratching when it comes to others which may be familiar to those within a particular region, but which are somewhat foreign to the membership-at-large. (I'll 2nd the above. JKL, MGS, GHF, BAC, AWC, JFP, & EVHH, what do you all think. Hi. -LDB) Also, I would like to see members list both freq & call when discussing stns in Forum rpts. This makes it much easier for an interested reader to check QTH and other details, should he so desire. My vote this year for the Ted Vasilopoulos Award is going to Father Jack. He came to DXWW over 2 yrs ago & was, by his own admission, very green. During that time his column has developed & captured the respect of the avid foreign DXer, as well as the casual one. It is my opinion that his excellent work over this time period should be recognized. Also on the subject of elections, LBG should continue to make an excellent Secretary-Treasurer. With regard to the other positions -- the President represents the image of the club, but the BoD makes all the important day-to-day decisions. Consider your BoD candidates carefully! 73s. DR. RICHARD E. WOOD - Dept. of Foreign Languages - LSU - Baton Rouge, La. 70803 A new receiving set-up now in action: the fine Drake SPR-4, a wonderful little miniature box of tricks, & the Worcester DeLuxe Space Magnet. Also, a much improved ground system which reduced man-made noise in this crowded apartment building significantly, when installed. I wonder how many of you have an efficient ground? Mine is nothing fancy, but effective: a metal rod(an old car accessory, no expense) driven deep into the earth, and a heavy-duty cable up the building wall into my 2nd floor apartment & to the Drake chassis. PSL might be surprised(p. 26, DXM 4/17) to know that IRCA members who ordinarily use GMT do exist; I happen to be one of them. keeping a clock in GMT by the rcvr, the international time standard can be followed without conversion. It doesn't even have to be a 24-hr. clock, if funds are tight; 0000-1200 GMT are productive hours for DX here & require no conversion. Only the maintenance of a single, unitary time standard throughout my years of DXing in various locations & time zones has enabled me to get the feeling for propagation & likely catches, no matter where I may be. Purely incidentally, Great Britain goes back to using GMT this winter; the experimental abandonment of GMT was a failure. LYNN D. BROOKS - 2109 Mary Street - Ponca City, Oklahoma 74601 Not many reports for this issue. My wife thinks that she picked up a couple from my

Not many reports for this issue. My wife thinks that she picked up a couple from my box while I was out of town on business. But can't seem to locate where she put them. So, if her memory is correct, we should find them in a day or two. My apologies. But even with 2 more reports, we would have a very small section for the twice-a-mo. issues. Where are all of you? Try to have a report in the next issue, please. 73.

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WEST COAST DX ROUNDUP
May 1. 1971
Editor: Grant Manning, 4034 Ingraham St. San Diego CA 92109
Bossline: 274-4233 Deadline: Friday!! Each week will be typed seperately. Not over three weeks old by the time I type it. Use EST.
740 KBIG CA Avalon on w/music 0619 4-12, for "equipment testing,
           and adjustment" sounds like an ET, rather than an F/C
              (AWP)
970
   WFLA
           FL Tampa fading in and out, fair sig w/temp & ID
              nx @ 0500 4-8. (S0)
           CA Coachella in very strong, announced as ET 0521, 4-8
     KCHV
              (SO)
           NB Omaha 0315-0340 4-5, light MOR, ID 0330, then relig.
1110 KFAB
              (JB)
1220 . WGAR
           OH Cleveland 0350-0405 4-5 w/MOR & nx @ 0400. (JB)
1240
     KFLI
           ID Mountain Home w/poor sig & ID 0805 4-5. (BH)
1340
     KWXY
           CA Cathedral City w/poor sig in mess w/local spot,
              4-9 2320. (BH)
1400 KATI
           WY Casper, fair w/static and "KTAI Life Line" 4-6, 0650
              (PB)
     KARR
           MT Great Falls great w/wx, 4-6 0737. (BP)
1430
     KTYN
           ND Minot in around KLO w/wx & CW 4-6 0711. (PB)
     KLO
           UT Ogden in good fading in/out w/SSer 0635 4-8. (SO)
           MT Great Falls w/lots of static 4-6 0720. (PB)
1450
     KUDI
1560
     WCNW
           OH Fairfield in 0600 4-12 s/on w/good sig, some QRE
           Ann CW pgm. (AWP)
     CFRS
           ON Simcoe presumably the one right after WCNW's s/on
           ann. hrd a GSQ weak (0600+) 4-12, (AWP)
______
Thanks to:
     Philip Bytheway, Seattle WA
PB
     Joel Brill, Pacific Palisades CA Panasonic RS-280
JB
    Bill Harang, San Jose CA
Steve Oster, San Jose CA
Art Peterson, San Pablo, CA
MN-26-C HQ-180
BH
S0 -
AWP :
Week of April 18-25
           HI Honolulu in good w/ID and more mx, no KFXM,
590
     KGMB
              0457-0602 4-12. (MM)
660
     WESC
           SC Greenville in good w/anthem and s/on procedure,
              MOR mx, 0703-07064-14. (MM)
730
     KDAZ
           NM Albuquerque in good w/s/on mixing w/CKLG 0830 4-12 (MM)
740
     KSSS
           CO Colorado Springs in poor w/mention of FM stn.& MOR
              0446 4-12. (MM)
     KCMC
           \underline{TX} Texarkana in good u/KBIG OC w/s/on 0659 4-12. (MM)
           UT Salt Lake City in good u/XEMO w/s/on 0901 4-9. (MM)
860
     KWHO
           OR Medford very good w/CW and tire spot 0938 4-9. (MM)
     KSHA
     KAIM
           HI Honolulu in fair w/end of relig pgm & ID 0500, 4-12
870
              (MM)
940
     KAHU
           HI Waiphau in good w/FF pgm and ID o/KHOS 0502 4-12. (MM)
     KSVC
980
           UT Richfield in very good w/s/on o/KFWB 0900 4-10 (MM)
           TX Wichita Falls in good w/RR SID & wx, 0816-4-7. (MM)
990
     KNIN
           AL Lloydminster in good w/s/on MOR o/KRLD 0800, 4-12. (MM)
1080
     CKSA
     KKEY
           OR Portland bombing in on s/off w/CW 2259 4-8. (MM)
1150
              Strong SSS 4-8 2150 w/RR to 2200 s/off. (SK)
              (Well...one of you is in trouble there!!)
           WV Wheeling in poor u/KVOO w/ID 0544-6 4-12. (MI.)
1170
     AVWW
           NV Henderson in good o/KJOY w/s/on 1000, 4-10. (MM)
OR Portland good w/s/off and CW 2258 4-7. (MM)
1280
     KTOO
     KLIQ
1290
           CA Brawley bombing in w/end of BB game & ID 0310, 4-10 (MM)
1300
     KROP
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HI Kahului in o/KBUZ w/s/off 0402, 4-12. (MM)

1310

KNUI

1380	KSRV	OR Ontario in good w/ad for cleaners 0913, 4-12.	
1410	KMYC	CA Marysville SSS 4-8 2127 w/RR nx, 2129, fair s (SK) W/ID 2300, 4-7. (MH)	ig,
	KPAM	OR Portland in good w/s/off 2302 4-9 (Mh)	
1430	KOSI	CO Aurora in fair w/end of wx and ID 0843, 4-7.	
1440	KPUR	TX Amarillo in good w/promo, wx, and ID 0827, 4-	7. (MM)
	KUHL	CA Santa Maria in good w/s/on 0900 4-15. (MM)	
11/20	KHLB	LA Monroe in briefly, good w/ID 0726, 4-19. (Mi	
1450	KOWN KEED	CA Escondido in very good w/s/off 0403, 4-17. (M141.)
1450	KROW	OR Eugene in good w/contest, 0505 4-17. (MM)	Service Park
1470	IZIIOM	OR Dallas fair SSS signal 4-8 2139 w/RR 2129 fai	
1480	KONI	20-20 nx. (SK) In good w/SID u/KDON 2252 4-7 UT Spanish Fork, in fair & briefly w/ID and mx 0	• (FIII)
		4-16. (MM)	707
1490	KRNR	OH Roseburg in good w/s/off 0400 4-7. (MM)	
	KBZY	On Salem in good w/end of nx ID, wx, 0402 4-8.	(MFI)
1550	WRIZ	FL Coral Gables in good w/s/on on top 0700 4-12.	(MM)
1560	WAGL	SC Lancaster good sig at RS s/on 0603 4-8 w/Amer	ica (SK)
1570	KOHU	OR Hermiston good w/s/on on top 1003 4-8. (MM)	
==== Thank	=====		
MM		McCullough, San Jose CA H	A-63A
	Steve		ત=0ეA હ=140
		Transpirations of	¥. ±10

New here (tnx to FJP) TGED(?) 1206.4 & YVLH 650, DX still lives!! WC'ers, you should be saving to go to the IRCA convention whomever gets it, if we don't, how many could make it here, but not there?? Since none of us here can make it there, the thought is to have a meeting here anyhow, regardless. Only an idea at this stage!! Welcome Oscar Rodriguez, makes three in the same building!!

NPR DEBUT National Public Radio, the audio equivalent of TV's PBS, is scheduled to make its debut May 3. Network format will concentrate on a magazine format with interpretive and investigative journalism, according to program director William Siemering. While most programming will originate at NPR's Washington studios, member stations will also contribute programs—such as MPFK-FM's offering of the Los Angeles Philharmonic's concert season. NPR has over 400 charter affiliates lined up, including 90% of the nation's public radio stations. (MWDXC JOURNAL via David R. Alpert)

APRIL FOOL wmCA, New York, abandoned its normal all-talk/phone-in format April 1 for music, with the usual phone gabbers acting as deejays. Outraged listeners wanting to know why were told, "April Fool--Listen tomorrow." The station staff answered 675 calls, but there was no count on the busy signals. (VARIETY via DRA)

DX MEETING

There will definitely be a weekend meeting of all DXers during the Memorial Day weekend. All DXers and guests are invited; this is not a BCB DX meeting. SWLC members are especially invited to be in attendance. Come as early as you want; stay until everyone else leaves. Meeting room, free refreshments, swimming pool, possibly some DX equipment. See bottom of some other page for further details. For information, call DEE at 714-688-6010 or drop a card with your phone # to 6059 Essex St., 92504. Riverside has been decided upon as location for this meeting by mutual agreement of the San Berdoo-Pomona-San Diego-Riverside DXers. American Motelodge, where the DX Meeting of Memorial Day weekend last year was held, will be the site of this gettogether. Rates for rooms, for those who wish to stay at the motel, are reasonable, a swimming pool is available for all and there is expected to be a sufficiently large meeting room to accommodate all. Motel rates will hopefully appear elsewhere. -DEE

BEVERAGE ANTENNA PARTY? If you are interested in this, <u>please</u> let Bob Jacoby or DEE know. Now is the time to do this before the temperatures on the desert rise.

WEST COAST DX FORUM Editor: Bob Jacoby, 556 E. Alvarado St., Pomona, CA 91767 (Thurs deadline)
Michael B. Northam - 1608 NE Knott - Portland, OR 97212 (503) 284-7369 Greetings group. The address and phone number as given above are now in effect, as Sarlie and I have bought a new old house (built in 1909). No idea yet how DX is in the new location, as most of the household is still in boxes on the floor. Hopefully, things will be in order in time for MEMORIAL DAY -- at least the bar and the pool table, heh heh. The new location is only about ten blocks from KBPS-1450, but thankfully, I'm now several miles further away from KXL-750, KEX-1190, and KYXI-1520 so perhaps that problem will diminish somewhat. Some persons seem to be under the impression that the "club" provided computer-produced mailing labels for the San Diego Convention Committee. Nothing could be further from the truth. were produced by me, as an individual, at cost, from my own personal data card file--entirely separate from any club records. I happen to support San Diego's bid (though this won't appear in print until after the balloting is over), that's why they got labels "at cost", but from me, not the club. Will Kaskey ever pay up? 73 and what's DX.

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

New veries here include v/q WAGL TEST, v/l KSOM KBET KLUC KCOK & KXO, v/r KBLE. I strongly support taped veries. The only time I count them is for stations that don't verify. Even after I have a stn taped, I keep trying to get a verie and if I succeed, the tape verie is not used and the regular verie is. John Oldfield has a very good point regarding automatic verifiers. I recently wrote WCCO asking for some CM's and wound up with a bunch of v/q's besides. Same thing with WBBM. Those who cry "hanky panky" when they hear of somebody taping programming from locals for somebody else should think a little more. I've had many people tape programming from their locals simply because I collect jingles and when I get tapes back, I dub the jingles off and then erase the tape for use again. I think most people have a strong sense of honesty when it comes to reports. If somebody does come up with a questionable catch, I think it will be recognized by other DXers as a fake, although not officially. For those who do fake reports, the word is "don't."

Joel Brill - 16601 Marquez Ave. - Pacific Palisades, CA 90272 (213-4548818 First off, belated anniversary wishes to IRCA. You see, I usually remember events one month after they happen!! Easter vacation from school was a blessing as I heard WGAR CKWX KFAB KRIZ WHAS WSB R. BELIZE and others. Recent veries here include KOA OAI KCMJ KCRL CBK KOFI KPMC KFRE KMEN and everybody's favorite--XERB. Anybody who is interested in a Heath HW-16 transceiver with XTALS, key, phones, should give me a call, preferably during nights PST--pse no collect!! Even though I am close to San Diego, I will try my best if the convention is in Toledo. If anybody is interested in telling me a surefire way of identifying your favorite Mexican, tell me, 'cause I've got a lot that needs identifying. I will also welcome any comments on the Space Magnet that you may care to pass along. Also, I am equipped for cassettes, so if you want any Los Angeles area ID's, let me know. Finally, it's the Dodgers and Angels in the West and Phillies and Orioles in the East!! GO LAKERS!!

Bill Harang - 811 Nevada Ave. - San Jose, CA 95125

I would like the information below to go into the May 1, 1971 DX Forum. (It is.-BJ). Post office service has been lousy here lately. I didn't get my bulletin till April 13. I feel sorry for you members who go by third class. We had a little San Jose get-together on April at Glenn Hobbs' house. IRCA members that attended were Gary Elston, Glenn Hobbs, Steve Kamp, Steve Oster, Mike McCullough, and me. We had a lot of fun, showed QSL cards, talked, etc. I would like to thank Glenn and his mother for the great time. His mother drove all over town to pick everybody up and to drive them home. Correction to COF list: KMBY-1240 in Monterey is not NSP. KMBY is off MM from O400 to O815 EST. V/q from KTWO came in through the mail. Recent catches are KFLI KSLY KSMA & KWXY. SCers are welcome! 73 and good DX to all.

Gentlemen, pse type your reports in the exact format that they appear in the bulletin. Makes less guesswork for me to decide what you want in and out.-BJ

May 1, 1971 WEST COAST DX FORUM Editor: Bob Jacoby, 556 E. Alvarado St., Pomona, CA 91767 (Thurs deadline)
Mike "DOC" Hardester - 401 Birchwood Court - Modesto, CA 95350 Three recent veries: CHED-630 & WNBC-660 (returned RP) both v/q and a v/land SC from KCUB. The PO returned my letter to KIQX in LV, marked "Unclaimed". It seems to me we have a member in Nevada, but maybe it's NRC I'm thinking of, hi. If anyone is in Las Vegas, it might be worth your time to check the Chamber of Commerce for any leads. A local LV station might help such as KLUC. To those two club members who wrote and those contemplating a letter to me: I'm under 30; 21 to be exact and a member of the "now generation", and I'm not archaic in my ways. If my reasons given about swearing (and this seems to be the main complaint) didn't make sense along with the rest of my 4/3/71 DXF rpt, may I pse give one further reason so obvious that it shouldn't need mentioning, but apparently must be: L-A-D-I-E-S. That's right, ladies, and let's not forget our club does have several. I'm not saying the ladies of our club are prudish, MoR, or vulgar, but that decency does play a part in our "society" and if for no other reason, let's drop the swearing complaint in favor of the ladies of our club. Once for the bright; twice for the not so bright; and three times for the 73

Steve Kamp - 6149 Monteverde - San Jose, CA 95120

Dave Egan is 100% correct-censorship is absurd. The only censorship necessary is for libelous and slanderous material. After that—anything goes. Re PRK's 4/17 DXF: I've made several proposals to the BOD—none of which get rid of this censorship once and for all. I'll submit my proposals to get rid of absurd censorship when a friendly (i.e., pro-free speech) BOD gets elected to office. It would be senseless to make any now as I'd have to wait 12 monthes to resubmit them if they were defeated as they probably would be by our present BOD. I intend to campaign on a free speech platform and I hope some other candidates will also. I think I "pass" every one of PRK's six points except for the first one which is meaningless when applied to BOD positions. The 4/17 DXM was excellent, especially WCDXR! Whatever happened to dan Sheedy?

Gary Elston - 310 Crestview Dr. - Santa Clara, CA 95050
Greetings! DX cx here have been quite bad recently and listening has been at a minimum. Only new catches are the Russian on 1475 (15th BCB country), Radio Union on 880, and JOBB in Osaka on 830. If cx continue in this manner I may to have to start DXing SW again earlier in the year than I thought I would. Probably the biggest news around here is my joining NASWA and the Cimbrer DX Club. This puts my total of radio clubs membership to six. I also finally broke 350 stns hrd and 300 domestics logged. My present verie totals stand at a meager 70. I do not collect CMs or SCs. Well, so long for now and best wishes for a lot better DX than I have been receiving lately.

Jay Murley - 1733 Candlestick - Newport Beach, CA 92660 Amazing the valor of some of our members. San Diegans Kolb, Manning, and Stroup accompanied by a refugee from Canada's draft laws, the great booze smuggler Brian Williams, showed up on Sunday, April 4. And on a hot 95 afternoon, they proceeded to 1) rebuild the loop, 2) rebuild the trap, 3) rewire various couplings, 4) load a few heavy carpets into Manning's chariot, and drink a few beers. Or in Stroup's case, drink cola. Now that I'm back in business, I'm doing a little DXing again. One misgiving, however, a certain 50kw stn, a clear at that, in the midwest is thinking of switching from to AN-6 to AN-7, but I hope their engineering department's objections overrule sales considerations in this particular case. And since everyone else who didn't make the anniversary issue is re-introducing themselves, I'll catch up with the pack. I'm regional manager of Henry I. Christal, stn reps for WAPI KOA WJR WTIC KFI WHAS WTMJ WSM WTAR WMBD KOIN WEAN WHBF WPTF WHAM KFMB WGY KWKH WSYR & KVOO. I'm married with two pre-school kids, and have amazingly little mechanical ability. Which has got to be 15 lines. Plan now to be in either San Diego or Toledo this summer for another great IRCA convention! It's a great way to spend a vacation weekend!-BJ

May 1, 1971 _ W E S T C O A S T D X F O R U M _ _ Page 20 _ _ Bradford Wall - 935 Colton Ave. #9 - Colton, CA 92324 _ _ Page 20 _

First off, congratulations to Quentin Brown on being appointed SoM editor. I'm sure he'll do a great job. Only veries in recently KRGO v/q and v/q from Radio Moscow for reception while in Viet Nam. Re Dave Rogers DXF rpt in 4/3/71 bulletin, I have never had any problem with literature from Communist countries, tho I regularly receive literature from USSR, Peking, Cuba, and East Germany. While in the service I was advised unofficially that serviceman's receiving literature from a government organ such as R. Moscow, etc. was frowned upon, although correspondnece with private citizens was acceptable. I have also received literature from Radio Ulan Bator via registered mail, no problems. That's all for know. 73's

Steve Oster - 16080 Greenridge Terrace - Los Gatos, CA 95030

Hi. 4/4 was a fairly good MM. Paul Welka, Andy Hecker, me, and Mike McCulloug DXed over at Steve Kamp's house. Best catches were KUAD-1170, KEOS-690 with XETRA momentarily off at 1150 PM EST), JOUB-770 w/EE lesson, we understood every word they said most of the time, KDXU-1450, and a very strange catch, KCAC-1010 from Flagstaff, AZ, on some kind of ET or something. They were in like a local. (KCAC-1010 is in Phoenix, no?-BJ) KSUB-590 f/c in strong. 4/11 Steve Kamp will be here (we have MM off from school) and we hope to fill the WCDXR. Does anyone have info or an extra WTIC CM they could send? Is WTIC directional daytime? All correspondence welcome here. 73

Chuck Albertson - 103 Cedar Crest Lane - Bellvue, WA 98004
I presently have \$30 saved, but can't decide whether to buy a Worcester Loop or a water bed. Opinions, anyone? Veries: KENO-1460, KILO-1440 for DX, KLUC-1140 also for DX, KONE-1450, WAGL-1560 for DX, and KOFE-1300. When will the Q&A column start? I think a good title for it would be "Everything You Always Wanted to Know About DX (But Were Afraid to Ask)." How does that sound to some of you? See you in San Diego! Peace.

Ralph Sanserino - 8422 Crane Circle - Huntington Beach, CA 92646 Greetings DXers and Monitors readers. Like to thank G. Manning for the info on the "ARB", also John Kolb for the amp schematic. Re the "ARB": \$50 is not too much to pay for this rx in good shape. A small amount of cash and a few hours spent converting this rx is well worth the effort. I've got \$85 invested in my BCB set-up which has a hot "ARB" rx, LM-Zl freq. meter and FET-BCB loop, DX right along with the big fellows. To all the buyers of the loop kit, a parallel tuned trap works nicely with the loop as a trap or signal peaker. ARB owners, I have a copy of the Maintenance Manual on the ARB. Thank you for the good reports on the loop kit, it's a good performer. Did everyone read the top of page one, April 3 DXWW by FJP, if not, do read it.

UPI AUDIO United Press International Audio will, within the next few weeks, begin feeding 21 hourly newscasts to its affiliates daily. Presently, UPI Audio feeds only closed-circuit direct reports and actualities for stations to incorporate into their own newscasts. The new service will include these in complete five-minute newscasts. Over 400 stations nationwide are served by UPI Audio. (Note: Your pub. believes this service may have already started KWOW-1600 Pomona, Calif. has been programming UPI newscasts for at least a few days).

WBAA-920 DX 1/18 IRCA members who rptd the WBAA DX included: John Robertson, MI (bro. of member Jerry); Glenn Hauser, GA; Bill Nittler, CO; Gary Mullis, MD; Bill Lemak, FL; Tom Yingling, MD; Gary Nuthals, WI; Peter Campbell, MI; Tom McCormack, IN; Gary Makowski, IL; Dave Bright, IA; Bill Feidt, MD; Kevin Slater, OR; Robert Kramer, IL; Al Ogrizovich, IN; and Steve Taaffe, IN.

FET-BCB Balanced Loop Kit Direct-coupled loop, 44 inches high including the base, 34" wide, approx....90° tilt. Single output, high gain, low noise, 2 FET amplifier. All parts plus postage, \$25 USA. A parallel tuned trap works excellently with this loop as a trap or signal peaker. For more info, send a SASE to: Ralph Sanserino, 8422 Crane Circle, Huntington Beach, Calif. 92646. (At the risk of sounding overly prejudiced, I have used and am using the loop described above and wouldn't part with it for anything. Extremely good construction and design; neat and very compact, comparatively speaking. -DEE)

ah namboo daareg ada ka ad <mark>modern radio broadcasting</mark> diko Abboada da ababada

(Management & Operation in Small-to-Medium Markets)
--By Robert H. Coddington

A Book Review -- by Percy R. Kesteven

I doubt very much that there have been many book reviews written as Special Features articles over the years, but this volume captured my interest. I purchased it (from Tab Books, Blue Ridge Summit, PA 17214, \$9.95) on the assumption that it would quench a curiosity about what goes on at the other end of the transmitter. Like several DXers, I have little background in the broadcasting business and wanted to know and understand some of the broadcaster's problems.

Modern Radio Broadcasting is written in an informative, yet informal, style. The author is well-qualified to write about the industry, having spent twenty years

in the industry, in AM, FM, and TV broadcasting.

In the opening chapters Mr. Coddington discusses the choice of a market, a risky business at best. Of particular interest is the method whereby a potential licensee selects a frequency, not an easy task on the overcrowded AM bands. The FM aspect of the problem is not nearly so difficult. (Throughout the book some problems involved in FM are discussed, though in the main the subject matter is the small-time and day-time only AM broadcaster.)

After a market has been selected, the investor next wades through a maze of forms and government red tape. The book suggests a number of pitfalls to avoid, if possible. In some ways this chapter is one of the most engrossing, for the reader begins to comprehend the myriad of restrictions and regulations which the broadcaster must heed. A discussion of the FCC and its operation is also included.

After selection of a land site and corresponding building requirements, the author digresses into types of equipment, both transmitter and studio/control room,

which are necessary to the venture. To a mainless

Next, a staff must be recruited. This can be a delicate matter, especially in a very small market where the local townspeople desire a say in their local station.

Programming is next. In small markets with only one outlet, the broadcaster tries to please as many people as much of the time as possible. This means that the music library is often multi-faceted. An integral part of programming is sales and promotion, for without one, the other cannot exist. The author takes a hard line on the honest approach to selling, with a number of solid examples to back up his views.

Where does the Chief Engineer fit into the pattern? Well, he is something of a middleman. He knows, or should know, the FCC regs inside and out. Thus he has entrusted to him the task of avoiding citations from the FCC, while keeping management informed concerning what the latter may and may not do over the public airwaves. His position, as you might imagine, is frequently somewhat fragile.

In line with the author's view that only the best of both programming and fidelity should reach the public's ears, Mr. Coddington next discusses fidelity and especially the part of the microphone in the fidelity chain. (I should mention here that much of the equipment discussed in this and other chapters is illustrated in pictures and diagrams.)

A chapter containing a sort of "catchall of construction notes to the chief engineer" follows. Such things as the beeper telephone and AM antenna systems are covered.

Finally, the book closes with suggestions on maintenance and operation logs. Specifically, logs on equipment performance and maintenance are covered.

Is the DXer mentioned anywhere in the book? Only once. This occurs during an explanation of the problems of setting up convenient and workable frequency check times.

All in all, I would recommend this book highly for any DXer who, like myself, is not in broadcasting per se but who would sincerely like to know more about this fascinating industry.

State of the Month

After an absence of nearly two years the State of the Month column is starting again. Due to the two-year gap many members probably do not know what the SoM is all about. Basically, the SoM is a column of tips describing the stns in a particular state. The membership sends me pertinent info which I coordinate to produce a monthly column. Each month a new state is selected geographically rotating from the west through midwest to east occiding was fiver food year need oved ered; fait dam year ident

Face Each station is described in the following way: and have relative requise in frequency, call, location, power, sked, affiliate, notes, verie policy For example: 10 be red; 10 IOWA

1350 KRNT Des Moines, KRNT Center, 9th & Pleasant, 5kw D&N, 0600 (0730)-OlOO, CBS, on the air since 1935, "balanced schedule of music, news, discussion, KRICK weather forcasts, football & BKB, v:1 & CM.

Immediately one can see several important items that are missing. There is no mention of how well the station is received; whether or not the pattern is direction and if so in what way. Also, nothing on the best times to receiber the station. This type of info I need from YOU MAISO, I need formats, verie policies and any other interesting information. I do NOT need addresses, schedules or affiliates and addresses, because he are the

The size and usefulness of the column depends on the support of the membership, YOU! that neader the impestor next wades the low bear in

Any contributions can be sente to be and and accept be deserved be truth

rebaer edi roi , anticongre franQuentin K. Brown and aid eves enes al . eldieseq refeacheord edd doldw edoldslager 59 Kenilworth Sto befryn edd baedergroe of eddlesd bebuloni cala si moltare Ottawa, ma Ontario he moltave si il bead , there types pribling as CANADA workly 345 to be at a continuise to the

The last SoM editor, Lance Muller, left off with the west coast states of Wash-Ore so I will continue by asking for information from the midwest: Fext, a staff must be recruited. "AWOI can be'a delicate matter, especially in

The deadline for IOWA is June 29, 1971 general face of energy learner flams years

SoM # 2 will be N.Y. with the deadline being July 29, 1971.

Inevitably there will be teething problems but with your assistance I feel sure that this will be a sucessful column. 73: it medic at various transfer at the same sucessful column.

NOTE: Lance Muller was not the last SoM Editor. He was, in fact, the first. The next one was Cliff Reno whose only section was Connecticut about 15 months ago. He had scheduled CO-NM-TX. When he resigned, Shelby Remington took over. Nothing appeared from him. Whereabouts of any info submitted to either is unknown.

United States			t Responsible and	nd mard hanter.	Kiri Cara Maraja (Albania Karasa)	The A. A. Salar day of the Salar P.	March 2000, 100 March 100 March			
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Oregon, Salem	KGAY-1430 D1 50 KSLM-1390 U1 50 KAPT-1220 D1 10	000/1000 000	0800-0300
	KBZY-1490 Ul 10	100/250	24 hrs SP:MM 0300- 0800
Pennsylvania, Harrisburg	WHP - 580 U2 50 WCMB-1460 U2 50 WKBO-12300U1 10 WFEC-1400 U1 10	000 000/250 000/250	24 hrs NSP 0500-0100(0000) 0600-0100 24 hrs NSP
Rhode Island, Providence	WLKW- 990 D3 50 WPRO- 630 U2 50 WEAN- 790 U4 50	000	24 hrs SP:MM 0430(0600)-0100 (0005)
	WJAR- 920 U2 50	000	24 hrs SP:MM 0000- 0530
South Carolina, Columbia	WICE-1290 UL 50 WHIM-1110 D1 10 WRIB-1220 D1 10 WIS 560 U2 50 WQXL-1470 D1 50 WOIC-1320 U2 50	000 000 000	24 hrs SP:SM 0500-0105 0600-0000
South Dakota, Pierre	WNOK-1320 U2 50 WNOK-1230 U1 10 WCOS-1400 U1 10 KGFX-1060 D3 10 KCCR-1240 U1 10)00/250)00/250)000	0600(0700)-0000 24 hrs NSP 0700-0000
Tennessee, Nashville	WSM - 650 U1 50		24 hrs SP:MM 0100-
	WLAC-1510 U2 50	0000	0545, SM irreg. 24 hrs SP:SM 0350, MM 0230-0530
	WWGM-1560 D3 10 WSIX- 980 U2 50 WMAK-1300 U2 50 WNAH-1360 D1 10)00)00 -	0600(0800)-0100 24 hrs NSP
Texas, Austin	WKDA-1240 U1 10 KHFI- 970 D3 50 KTBC- 590 U2 50)00)00/1000	24 hrs NSP 0600-0200
Utah, Salt Lake City	KVET-1300 U4 50 KOKE-1370 D1 10 KNOW-1490 U1 10 KSL -1160 U1 50 KRSP-1060 D1 10 KRGO-1550 D1 10	000 000/250 0000 0000	24 hrs NSP 24 hrs NSP 24 hrs NSP
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Vermont, Montpelier Virginia, Richmond	KSOP-1370 D1 10 WSKI-1240 U1 10 WRVA-1140 U3 50	000/250	0600-0005 24 hrs SP:MM 0000- 0455
	WRGM-1540 D3 10 WRNL- 910 U2 50		24 hrs SP:MM 0100- 0500
	WTVR-1380 U2 50	000	24 hrs SP:MM 0000-
	WBBL-1480st4 50 WLEE-1480st4 50 WXGI- 950 D1 50 WGOE-1590 D1 50)00)00	0600 24 hrs SP:WBBL sked

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Virginia, Richmond(Cont.)
                            WANT- 990 Dl 1000
                            WEET-1320 Dl 1000
Washington, Olympia
                            KITN- 920 Dl 1000
                            KGY -1240 Ul 1000/250
                                                     0900-0200
West Virginia, Charleston
                            WCHS- 580 U 5000(?)
                                                     0500-0215
                            WXVA-1550 D1 5000
WCAW- 680 U2 10000/250
                                                     24 hrs SP: MM
                            WKAZ- 950 U2 5000/1000
                                                     24 hrs SP:MM 0000-
                                                                 0500
                            WTIP-1240 Ul 1000/250
                                                     0600-0200
                            WXIT-1490 Ul 1000/250
                                                     24 hrs NSP
Wisconsin, Madison
                            WTSO-1070 Ú4 10000/5000
                                                     24 hrs SP:MM 0100
                            WIBA-1310 U2 5000
                                                     ON SatM & SM only
                                                     until 0300
                            WISM-1480 U4 5000
                                                     24 hrs NSP
                            WHA - 970 D1 5000
                            WMAD-1550 D3 5000
Wyoming, Cheyenne
                            KVW0-1370 Dl 1000
                            KRAE-1480 Dl 1000
                            KCGO-1590 D1 1000
KFBC-1240 U1 1000/250
                                                     0800(0900)-0205
Canadian Capitals
Alberta, Edmonton
                            CBX - 740 U4 50000
                                                      0800-0305
                            CJCA- 930 U2 50000
                                                      24 hrs NSP
                            CFRN-1260 U2 50000
                                                      0700-0305(SM 0400)
                            CHED- 630 U4 10000
                                                     24 hrs NSP
                            CHQT-1110 U4 10000
                                                     24 hrs NSP
                            CHFA- 680 U3 5000
                                                      0800-0200
                            CKUA- 580 U4 5000/1000
                                                      0800-0405(MM 0305)
British Columbia, Victoria
                            CKDA-1220 U3 25000
                                                      24 hrs NSP
                            CJVI- 900 U3 10000
                                                      24 hrs SP: MM 0405-
                                                                 0800
                                                     24 hrs NSP
                            CFAX-1070 U3 10000
                            CKY - 580 U4 50000
CBW - 990 U1 50000
Manitoba, Winnipeg
                                                      24 hrs NSP
                                                      0700-0214
                            CKRC- 630 U2 10000
                                                      24 hrs NSP
                            CJOB- 680 U2 10000/2500
                                                      24 hrs NSP
                            CFRW-1470 U3 5000
CFNB- 550 U4 50000
                                                      24 hrs NSP
New Brunswick, Fredericton
                                                      24 hrs NSP
                            CBZ - 970 U2 10000
                                                      ???
Newfoundland, St. John's
                            VOCM- 590 U2 10000
                                                      24 hrs NSP
                            CBN - 640 Ul 10000
                                                      0600-2300
                            CJON- 930 U2 10000
                                                      24 hrs NSP
                            VOWR- 800 U3 1000
                                                      ???
                            VOAR-1230 U1 100
                                                      ???
Northwest Territories NO CAPITAL
Nova Scotia, Halifax
                            CBH - 860 U2 10000
                                                      ???
                            CHNS- 960 U2 10000
                                                      24 hrs NSP
                            CJCH- 920 U2 10000/5000
                                                      24 hrs NSP
Ontario, Toronto
                            CBL - 740 Ul 50000
                                                      0500-0100(NSP irre
                                                                      g)
                                                      0500-0100
                            CJBC- 860 Ul 50000
                            CFRB-1010 U4 50000
                                                      24 hrs NSP
                            CHUM-1050 U4 50000
                                                      24 hrs NSP
                            CKFH-1430 U4 50000
                                                      24 hrs NSP
                            CHIN-1540 D3 50000
                            CHFI- 680 U4 10000/25000 24 hrs NSP
                            CKEY- 590 U4 10000
                                                      24 hrs NSP
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Prince Edward Island
               Charlottetown CFCY- 630 U4 10000
                                                             24 hrs NSP
Quebec, Quebec
                                CHRC- 800 U4 50000
                                                             24 hrs SP:MM
                                CJRP-1060 U4 10000
                                                             24 hrs SP:MM
                                CKCV-1280 U4 10000/5000
                                                             24 hrs SP:MM
                                CBV - 980 U3 5000
CBK - 540 U1 50000
CKRM- 980 U4 10000/5000
                                                             ???
Saskatchewan, Regina
                                                             0755-0302
                                                             24 hrs NSP
                                CKCK- 620 U2 5000
CJME-1300 U3 1000
                                                             24 hrs NSP
                                                             24 hrs NSP
Yukon Territory, Whitehorse CFWH-570 Ul 1000
                                                                -0400
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The following is a list of abbreviations used in this list:

SP	Silent Period	FV	Friday Morning
NSP	No Silent Period		Saturday Morning
MM	Monday Morning	sm	Sunday Morning
${ m TM}$	Tuesday Morning	U1	Unlimited operation,
WM	Wednesday Morning		Non-directional antenna
	Thursday Morning	U2	Unl. op., ND-day, D-night
Dl		U3	Unl. op., D-day & night, same
D3	Directional , daytime	_	pattern
st		U4	Unl. op., D-day & night, dif.
???	Info either not known or		Pattern
	unsure of	irreg	Irregularly

This is the first list of this kind in any radio club. The list was compiled basically so DX'ers would have an idea of what stations are operating in each CC. Stations are listed according to power, and frequency. Later on, I will include directional pattern. Corrections, additions, and deletions should be sent to:

Bruce E. McFadden 4735 Shimerville Rd. Clarence, New York 14031

Hopefully, this will be a regular feature of IRCA's DXM. With your help, this might be so. 73's and good DX!

(The last three stencils are being used this issue. The first four stencils will appear in a future issue - the space below is for corrections, additions, notes.)

by Paul S. Lotsof

Freq. 550		City, Island Wailuku, Maui Schedule & Programming off nightly 0500; rock at night; some MoR during
<i></i>		daytime.
590	KGMB	Honolulu, Oahu NSP; personality MOR with some rock oldies.
		Morning jock is Aku who makes \$400,000 a year! Nx on hour on
650	KODI	Coconut Wireless Network.
650	KOKL	Honolulu, Oahu off MM 0500-0930. MOR. Automated sound during
		evening hours. Nx on hour is called "American Entertainment Network" but it really isn't.
690	KKUA	Honolulu, Oahu NSP; fake Drake rock format. "Big 6-9". News
-		at :50.
720		Eleele, Kauai MOR with some rock and Hawaiian music.
		(elly-elly) off nightly.
760	KGU	Honolulu, Oahu NSP. MOR, sports, Dolly at night.
790	KKON	,
830	KIKI	,
850	KHLO	,
870	KAIM	,
0.40	T/ A TTTT	religious programming.
940 970	KPUA	Waipahu, Oahu off MM only; country and western music. Hilo, Hawaii AN. MOR. Rebroadcasts KGMB news on hour.
990	KTRG	•
1040	KHVH	,
1040	TATIATI	Honolulu, Oahu off Sun & Mon mornings 0500. "News all day every day". Telephone show 0030-0500. "Music till Dawn"
		0500-1030.
1090	KHAI	
1110	KIPA	Hilo, Hawaii off nightly 0500. Daytime: "Easy listening".
		0030-0100: Filipino. 0100-0500: Japanese.
1130	KLEI	Kailua, Oahu off nightly 0500. "K-lay". "Serving the
		windward communities". Subdued MOR.
1170	KOHO	Honolulu, Oahu off 0700-1000. Japanese. English IDs on hour
		and half hour.
1210	KZ00	
1270	KNDI	
1710	TZ3\TTT-	religious programs. Some phone shows.
1310		Kahului, Maui off nightly. "K-newy". MOR.
1350		Lihue, Kauai off nightly 0500. "Live 25 survey". Rock.
1380 1420		Honolulu, Oahu NSP. "K-poi". Top 40 rock. News at :55. Honolulu, Oahu off nightly 0500. "All Hawaiian Music".
1500		Honolulu, Oahu NSP. "Beautiful Koomoo music".
-		
Notes:		island of Hawaii is known only as "the big island"; it is never called
Hawaii	. All	. times are Eastern Standard. Hawaii does not observe Daylight Savings
Time.		Paul S. Lotsof, 276 Nassau Avenue, Kenmore, NY 14217
		• • • • • • • • • • • • • • • • • • • •

Hawaiian Phones and ZIPs As a clue when listening for an Hawaiian station, all cities in Hawaii have 967 ZIP codes except Honolulu which has 968 ZIPs. Phone Area Code is 808 though you will rarely hear it used since listeners naturally need not dial it. V/s for several stations is Alan Roycroft who has a QSL which is used for all stations for which he verifies—red & green on bright yellow. Among stations for which Alan Roycroft is CE are: KAIM, KCCN, KIKI, KKUA, KNDI, KOHO, KORL, KPOI, KTRG, KUMU, KZOO, and KLEI.

FOR SALE Percy R. Kesteven, 13112 - 134 St., Edmonton 44, Alberta, CANADA, has for sale a Living Language Course in Spanish. The course consists of 2 cassettes (2 hours playing time total), a conversation manual which directs use of the cassettes, and a common usage dictionary (E-SS, SS-EE). There are 40 lessons in all. Course is brand new; lack of time and interest precluded use. \$8 postpaid in Canada or USA. Cash, check, money order, or mint stamps. Address above.

The Loop-Sensor Cardioid Array

Part I

Ronald F. Schatz 510 N.E. 158th St. No. Miami Beach, FL 33162

- 1) Introduction. This is the first of at least a three-part article on the Loop-Sensor Cardioid Array and will serve to familiarize the reader with the unit, determine the need for such an array by the DX community, and to compare an ideal Loop-Sensor Cardioid Array with the ideal standard, figure-8 loop. Part II will cover the technical theory of the operation, assuming a knowledge of reactance and resonance by the reader (who is advised to brush up on these subjects in preparation). Part III will deal with practical construction and operation, noting the experiences and difficulties encountered by the author.
- 2) What it is. The LSCA (Loop-Sensor Cardioid Array) consists of two separate antennas: One is any standard figure-8 loop such as the one you are likely using now; the other is, ideally, a vertical wire running the center of the loop plane, but a horizontal long-wire will do fine in many cases. The signals from the two antennas are combined with the correct ratios of voltage and phase to form a K + cos9K, (K = 1), differential pattern of reception known for its shape as a "cardioid".
- 3) Directivity. The primary characteristic of the LSCA is its unidirectional (one peak/one null) pattern of reception.

 The peak and null are separated by 180° in bearing, the peak having a gain 10 dB over that of the figure-8 loop uncombined with the vertical sensor.
- 4) The 180° ambiguity, or the inability of the standard loop to distinguish supplementary bearings, does not exist for the LSCA. More important to the average DXer than this DF (direction-finding) characteristic, however, is the array's capacity to null out a strong station thereby unveiling weaker stations lying in the opposite direction, stations not heard previously because of necessarily peaked QRM or an undesired null.
- The null. This fact was not appreciated by the author until after a night of DXing with the LSCA: The null of the LSCA is tremendous in size, capable of reducing not just a few degrees of bearing, but, in the author's case, e.g., all of the U.S.A. and Canada! Below is a table comparing relative null sizes of the LSCA and the figure-8 loop (F8L). Decibels down are referenced to each respective peak, assuming both peaks to be equal in gain (see 3 above):

	<u>-10qB</u>	<u>-20dB</u>	<u>-30dB</u>	<u>-40dB</u>	<u>-50dB</u>	<u>-60dB</u>	<u>-70dB</u>
Figure-8 Loop:	60°						
LSCA:	180°	120°	82°	57°	40°	29°	18°

Note that these are <u>ideal</u> antennas being compared. Any figure-8 loop capable of a -70dB null must be considered a precision instrument! Many DXers are quite satisfied with but -40dB of attenuation.

6) Proof of Performance. Using only a crude set-up with a long-wire sensor the author has accomplished the following feats of DX:

Page 2

6) Proof of Performance. (continued from other side)

- a) WINZ-940, a 50-kw Top-40 station only 4 miles from the author's location and beaming toward same with a cardioid pattern of its own, was nulled beyond detection during evening hours, permitting clear reception of Radio Punto Fijo, lying in the opposition direction of WINZ. Interesting to note that WINZ's splash was still present on adjacent channels!
- b) On a Monday morning, 45 minutes were taped of AFCN-1340, Guantanamo Bay, with signal averaging 30dB over the background "noise". Audible traces of CMGU were present.
- Advantages over the figure-8 loop. The cardioid reception pattern of the LSCA has several advantages over the figure-8 loop: a) The LSCA can differentiate between stations on collinear bearings, determining exact direction of an unknown station and eliminating one collinear station while peaking the other. b) Experiments show that the LSCA has the capacity to peak 3, even 4, stations, one at a time, operating on the same channel (e.g., 3 stations on 1250 kHz, 120° apart any one may be peaked 20dB over the remaining two). The figure-8 loop is limited to only two stations in practical application. c) The extremely broad null of the LSCA permits the attenuation of many stations in a broad region, whereas the figure-8 loop generally nulls only one station at a time. d) Properly constructed, the LSCA's null will eliminate any interfering station, regardless of polarization errors (the null is tuned in with a pot, coil, and capacitor, so that any null that is not perfect is considered being "detuned").
- 8) ... and the disadvantages. a) The null is too broad for the LSCA to be of much use in high-precision direction finding. b) Two interfering stations on opposite bearings cannot be nulled. c) Using the LSCA, especially tuning the null, is a test of patience.
- figure-8 loop in all respects except as a high-precision direction finder. Its addition to the DX den is high recommended. The author considers its wide null to be its greatest asset, useful on crowded channels such as the graveyards. As construction details come to light, and DXers contribute to its perfection, the LSCA should prove to be the greatest advance in medium-wave DX antennas since the loop itself.

end of Part I Ronald F. Schatz
510 N.E. 158th St.
North Miami Beach, FL 33162

EXTRA COPIES OF THIS ARTICLE AVAILABLE FOR SASE FROM DEE, 6059 Essex, 92504.

1971 ARRL Radio Amateur Handbook Jerry Conrad suggests the new edition of the ARRL R.A.H. as a good source of information and reference material for those interested in antenna design and solid-state construction. The 1971 copy, the 48th edition, has an expanded section on solid-state devices. It is available at a modest price (\$4 or \$5) from most amateur radio supply stores and can be seen at most public libraries.

- Editor: Father Jack Pejza, 3286 Nutmeg Street, San Diego, Calif. 92104
 Telephones: 714-282-0078 or 714-282-2184. Deadlines May 7, June 4, July 9, August 8,
 August 27, Sept. 10, 24, Oct. 8, 15, etc. Use GMT (EST + 5 hours) in reports; one side of page, preferably typed in order of frequency.
- Report from the Philippines -- Charles A. Taylor, ETN2, USN, US Naval Radio Station (T)
 Capas, FPO San Francisco, Calif. 96658
- 770 DEJC Lacag City, Ilocos Norte. Fare one noted RS 2030 3/28. Fair. Announcing Elizalde Tri-Media/Manila Broadcasting Co. Probably s/on 2000 altho not heard at later date. 1 kw.
- 790 DEVL Basilan City, Basilan Is. New station noted on BJ s/on 2055 3/28. Fair. Call tentative. Local DEAB-790 off air for two days, normally s/on also 2100. 1 kw.
- 1270 DEVE Daet, Camarines Norte, noted RS 1300 3/14. New ne for me. Call ex-DEYE.

 DEVE call used several years ago. 5 kw.
- 1320 ??? OC noted here daytime past few days 4/4. Probably ET from DWOA Olonapo City, Lambales, 1 kw per RCO list.
- 1365 DEJL Tanauan, Batangas. Brand new hearda RE 4/4 0345. Assigned 1350, but badly drifting and frequency modulated noted on 1350 about 1/2 hour earlier. Off air at 0730, 1 kw per RCO list. Call tentative.
- 1400 DOJS Tanauan, Batangas. Brand new heard RS while local DOYA-1400 off due to brief power outage 0645-0710 4/4. Not in RCO list. Call t entative.
- 1420 DW?? Lipa City, Batangas brand new heard on RS 4/4 under same circumstances as DSJS-1400 (DZYA-1400's tower visible from our roof- hurts) 1 kw per RCO list. Call sounded like DWLS.

More on BCing in the P.I. due soon. This time programming and/or facilities.

This perhaps will be the last time that DXWW will be in this particular format; reporters' comments seem to favor a change to areas heard rather than areas of listeners. More on that later.

Listeners' Loggings -- East Coast

- 580 WKAS Puerto Rico, San Juan. New country 4/12 0719 with and EE ID, then SS ID and music after that. Signal Fair to good with little QPM° (SM, MD)
- 660 KEEPM Mexico, D.F. heard 4/15 0635 with LA and ;US rock being played alternately. Good GEA. (BPH, MI)
- British Honduras, Belize 3/24 0140-0200 with grade A signals with music and ads for Caribbean vacation. (TRS, NJ)
- 855 PJC2 Netherlands Antilles, Curacao, Willemstad, R. Curom with pop music 3/24 circa 0200-3210 with good signal levels. (TRS, NJ)
- 860 CMJY Cuba, Ciego de Avila all alone with ID "cadena Agramonte" 4/16 0700 (BFH, MI)
- WHOA Puerto Rico, Hato Rey 4/1 0054 WWL looped, good with EE singing and announcement and "Jing the Nickle Song". (ESK, NJ)
 - LRA Argentina, Buenos Aires; MM 4/12 0850 under Cuban, at 0813 in the clear with man in 33 "LRA, R. Nacional, Buenos Aires" followed by man singing with guitar. (ESK, NJ)
- 905 YEGJ El Salvador, San Salvador, as only possibility on 900-910 split with LA and MoR music 4/15 0237. (BRH, MI)
- 1015 YCC El Calvador, San Salvador, R. Internacional, 3/24 with music and announcements 0300-0330. (TEC, nj)
- 1017 ??? UnID in SS, ;tuned 3/24 0300-0345 with music except announcements around 0330 with low modulation and impossible to read even when repeated on tape.

 Null bearing says slightly north on YSC-1015, but doubt if CMAC-1019 as strong het on KDKA-1020 at same time disappears (het was unreadable even with loop)

- 1017 cont. with null towards Cuba. Signal level fairly good at times, only during music, natch! (TRS, NJ)
- 1030 HJDJ Colombia, Duitama, proably the definite Colombian RMing XERR for past few weeks. No local IDs heard, but many RCN and Radio Cadena Nacional IDs and promos. Quite strong here, tears up XERR most MMs. Guess we can forget LClo, hi. (AM, VA)
- 1040 CMKW Cuba, Santiago with typical Cuban format and announcements 4/15 0145.*BRH)
- 1045 HOJ2 Panama, Las Tablas again the only possibility of a split with LA and GS announcements 4/15 0140. (BRH, MI)
- 1050 XEG Mexico, Monterrey with EE religious programming and ID, 0100 4/15. (BRH, MI)
- 1110 XECEN Mexico, D°F° no ID but DF says they were the LA GE here. Makes sense since many of the other Mexicans were in 0110 4/15. (BEH, MI) (Should be XEECN, Bruce. Ed)
- Costa Rica, Puerto Limon, am crossing my fingers on this one. Format was down-tempo US rock with SS (most likely) or EE announcements. I believe they were SL: Alsoa, Coke spots heard. 4/16 0535-0550. (BRH, MI)
- 1527 ??? UnID 4/5 0015-0018 carrier faded in, very weak; thought I heard modulation; varied and wavered in level before fading out. (EBK., NJ)
- 1554 RTF France, Nice, 3/24 0150-0200 with FF talk; some music and fairly good signal.

 (TRS, NJ)
- 1586 WDR West Germany, Langenberg 3/24 0200 and following. Good on peaks but consistent slow fading into noise. All music. (TRE, NJ)

Midwest

- 650 KORL Hawaii, Honolulu weak but clear with ID and MoR music 0830 4/12. (DJK, MN)
- 655 YES El Salvador, San Salvador much stronger than in Calif. Readable at 0230 3/20 with Radio Nacional ID. (DJK. MN)
- New Zealand, Wellington 0947 4/12 MM, caught 2 minutes of a piercing operatic aria, tenor, here through WNBC OC, an unusually potent Cuban, plus an improbablea Colombian, looping from the 3W. Not much for sure, but it's the nearest I've come to getting this very elusive one. Think if the singer had been a baritone, I would not have heard it. (GM, CO)
- 670 HRN? Honduras, Tegucigalpa? Somebody fair under the Cuban with election returns in 33. Only other SS with election returns was 780. (DJK, MN)
- 730 5CL Australia, Adelaide, taped six distinct identical pips on the hour, 1200 4/12.

 Went looking for this one after 3LO reception at 1100. Mexican nulled and Vancouver was either off the air or under auroral conditions. Music segments in previous half-hour seemed to be romantic light classics. Voice bits in the hash were EE. Could it be anything other than 5CL? (GM, CO)(Probably not. Ed)
- New <u>Sealand</u>, Auckland over and ander KGU's Dolly Holliday from 1150-1245 4/10. There were no pips at 1200, but I caught an mention of NS, and the newscast which followed came with a distinct British flavor. (GM, CO)
- Oenegal, Dakar, good volume and clarity off and on from 0615-0700 4/7. Was in again 24 ahours later but much poorer. There must be a path of darkness year-round from Denver to Dakar at 0600 when they take the air. (GM, CO) Kinda cut up by WJR (which is about as strong here as KFMB is in Los Angeles but eaxily readable with African music 0602 3/22. (DJK, MN)'
- Australia, Melbourne. At 1100 MM 4/12 on top the heap although fighting GRM from New York and the Caribbean. Jix big and beautiful pips recorded on the hour. Very distinguished announcer, "This is ABC Radio", mentioned Tom Jones and PM in Melbourne". Puzzled about that for that time is only 9 PM locally. or 10 PM if they are on DJT My first positive of this station in recent years. Heard from Dallas 40 years ago when it was 5 kw on 800 kHz. (GM, CO)

- 780 HR?? Honduras? weak to fair AN 3/29 with election returns at 0956 caught s/on with call H?M? and mention of Central America. (DJK, MN) (No Honduras listed here; only thing clost to calls I can find is HCNY2. Ed)
- 834 ... <u>British Honduras</u>, Belize readable at 0407 3/30 with bilingual EE/SS news despite WCCO-830. Pretty fair signal. (DJK, MN)
- 944 ??? UnID carrier and snatches of audio with some WCCO slop 0930 4/12. Het at 1000. Assume some LA s/on then.
- Argentina, Buenos Aires. Ordinarily recognized through its s/on pips only at 0900, but MM 4/12 it stayed in wht good volume on top the channel. News apparently until 0915, then into music. The DU sunrises come later now. (GM, CO) (You mean the DSA sunrises, don't you, Gene? Ed)
- 880 TGJ Guatemala, Guatemala. The one Latin American which is weaker here than in Calif. Poor 0336 4/3 with chimes and Nuevo Mundo ID. (DJK, MN)
 - New Zealand, Auckland getting to be familiar here, but at 0820 MM 4/12, iYC with a discussion program and that long UnID Brazilian were charing the freq.

 Brazil from the ZE and NZ from the ZW. LBG says he's been hearing Portuguese here for years, but can't ID the station, and if he can't ID it, you know it's a rough one. Can our new Brazilian club member say if Belo Horizone (which means Beautiful View) carefully manages to withhold its ID? (GM, CO)
- 1020 ??? UnID, someone, presumably Tonga, o/u KGBS with talk in lingo 0930-1000 4/12 KDKA testing auxiliary transmitter did not help. (DJK, MN)
- 1035 4VEF Haiti, Cap Haitien, fair with 1040 slop with s/off 0204. (AO, IN) (No date, Ed)
- 1202 TIQ Costa Rica, Puerto Limon, also much better here than in Calif. Actually intelligible in EE with some 33 announcements and EE pop music 0500-0529 3/31.

 (DJK, MN)
- 1214 BBC England, Radio One very poor 0521 3/22. Best of the European channels I checked although not so outstandingly much stronger than in California. (DJK, MN)
- 1575 TIJJC Costa Rica, Palmares, Radio Colombia, fair evenings in SS. (DJK, MN) (location is San Carlos; slogan is Columbia. Tsk, tsk. Ed)
- West Coast
- 590 KGMB Hawaii, Honolulu in good with semi-rock. I had LW and IECA loop hooked up to receiver, and ;by turning the capacitor, completely eliminated KFXM and any other QRM. ID on the hour 0957-1002 4/12. (MM, CA)
- 97? UnID, probably Cuba, with male and female announcers. Played kylophone chimes starting at 0856-0858, then into march music, then KFI played a song, and UnID lost. YL and male announcers back after top of hour (when KFI song ended). Heard 4/7 and 4/8 although report above is 4/7. Ideas? (DGC, Wa)(CMG. Ed)
- 650 YVLH Venezuela, Maracay with music and Radio Girardot ID 0437 4/23; appeared on the low side. Lots of noise. (FJP, CA)
- 655 YSS El Salvador, San Salvador assumed the very poor one with classical music; deep fades and much noise 0445 4/23. (FJP, CS)
- 660 CMHG Cuba, Santa Clara in fair with KERPM off; in SS //670 CMKP 0924 4/12. (MM, CA)
- 670 XETOR Mexico, Torreon, surely the one here with ranchera music and about 4 million mentions of "BCN", strong even with KBOI carrier on at 1215 4/12. (BP, WA)
- 700 ?? Weird conglomerate here similar to what GM reported on 720. With WLW looped, what could have been accented EE from Jamaica, at least one SS, plus someone with semi-classical music 1945 4/12. All fairly strong but nothing Eable. Must keep my eye on this frequency. (BP, WA)
- 723 ??? UnID LA at 1045 4/12, with "La Fabulosa" being the only possibile ID. Fading badly by :55, probably due to local SR. Had typical Latin music, so that isn't much help. Signal was strong suggesting a more powerful outlet. Sun was up in Venezuela; Colombia would be marginal. Ideas? (AWP, CA) (??? Ed)

- 750 493 Australia, Toowoomba. ABC was undoubtedly Gene Martin's UnID (4/17 DXWW).

 Loop bearing would be right and I have heard this here in the past. (AWP.CA)
- JOUB Japan, Akita must be Japan's answer to KCRL and PJB, Very strong 0945 4/5 with EE lessons, then EE news 0955, JJ at 1000. No other TPs heard that AM save for what may have been a weak JOIB. Also strong every time I tuned by 4/12 despite 750, 830 and 840 JJs being only fair-weak. Even noted them wiping out KOB after 1230! FBIS says 10 kw but at this strength anything ;under 500 kw would be hard to believe. Recent power change? Report sent. (BP, WA) First heard with amazing signals at 0951 4/5 with EE lessons. Heard news before hour, then ID and pips. (PW, CA)
- Mexico, Ciudad Obregon, Son. surely the one here with ranchero music and spots mentioning Sonora several times 4/12. KGO began ET music at 1245 blowing a change at ID* (BP, WA)
- 825 TIOS Costa Rica, San Jose in fair with music and SS 0915 4/12. (MM, CA)
- 830 JOBB Japan, Osaka in with talks in JJ. Fair signal, WCCO was barely audible on 4/11 at 1200. (GWE, CA)
 - CMCA Cuba, Havana clear ID as Radio Cordon de la Habana; no sign of WCCO 4/23 0330. (FJP, CA)
- 834 ... British Honduras, Belize 0415-0510 4/6, pop music, Billy Graham Hour of Decision, news, s/off ID and s/off. (JB, Ca)
- 837 7?? UnID carrier definitely here between Belize and WHAS. No hing audible. Seemed to be CA. (FJP, CA) 4/23 0400.
- 840 JOOK Japan, Niigata pips and JJ talk very weaka 1300 4/12. (BP, WA)
- 860 ??? UnI D SS weak under LPRT carriers 1220, looped SE Too weak for MEMO. (BP)
- 870 FAIM Hawaii, Honolulu in fair. with religious program; ID as "This is KAIM, AM, Honolulu." 0900 4/12(MM, CA)
- 880 OB 4N Peru, Lima in fair on 4/8 at 0930. About even in strength with WCBC (GWE)
- 840 KAHU Hawaii, Waipahu in very good at times with FF World War II program ID in EE 0902 4/12. (MM, CA)
- 870 KPUA Hawaii, Hilo in good over KCHV with MoE music and ID 0832 and 1000 4/10. ((MM, CA)
- 1010 XEHL Mexico, Guadalajara, Jal. wa rolling n 1125 4/12, with "Rose Garden" in SS which sounded rather strange! (AWP=CA)
- 1180 PRE37 Brazil, Rio de Janeiro, LA heard 1028 to permanent fade at 1033 4/19. Sounded very much like most Mexican stations. The fade time is past Rio SR, though. Definitela not CB118 whose s/on I was listening for. Help! (AWP, CA)
- 1206 TGED Guatemala, Guatemala with talk in 33 and music; mentions of Guatemala 4/23 0415. (FJP, CA)
- 1310 KNUI Hawaii, Kahului in good on top of mess with s/off; owned by KNUI, Inc. 0802 4/12. (MM, CA)
- 1425 KEF Mexico, Ciudad Juarez in on RS. Good in SS; listed on 1420. 1115 4/18. (MM, CA)
- Asiatic ROFER. In case any one is confused by my 4/17 report, KB is my personal abbreviation for the Kremlin Bells IB. It may have been a little rash to ascume everyone knew that. (AWP,CA) / In here with good to very poor sigs on 4/8. They were strongest at 1130 when the played the famous "Radio Moscow" IS and began a program in Chinese. (GWE, CA)

Verifications

- 580 WKAS <u>Puerto Rico</u>, San Juan, six days, v/l in SS. Record Survey, charts, decals, returned my return postage. (SM, MD)
- 650 KORL Hawaii, Honolulu, Alan Roycroft v/q took 5 weeks. Note on v/q says KORL shares tower with KHVH, KIKI, and KCOO° (PW, CA)

- Joko Japan, Kitami, NHK2, EXPO v/q in 2 months overall; 10 days after letter requesting proper frequency be filled in on card instead of JOAB-690. Card specifies JOKD, Kitami on 700 kc. A bit surprised that they specified one station, as I thought that I would only get 700 kc specified with no station. Map shows JOKD to be on northermost island of Hokkaido and fairly close to the seacoast; the other synchro is much farther south in Horoshima; NHK must use the "closest station" theory in verifying synchros. Sent tape report. (CK, CA)
- 750 KFGD Alasaka, Anchorage, v/q in 5 days via airmail, sent back the 2 IRCs. The v/q is a 730 kHz GCL with a 5 over the S. Power to increase from 10 kw to 50 kw by April 16. (MCC, BC)
- 800 ZELO Mexico, Ciudad Juares, in ten days with GSL and Record Roost mailings. (JB, CA)
- 860 MEMO Mexico, Tijuana, in 6 months, address is Box 1549, Can Diego, CA. 92112(JB, CA)
- 1030 KERB Mexico, Rosarito, in 24 days, address is Box 2735, San Ysidro, CA (JB, CA)

Reporters

- JB Joel Brill, Pacific Palisades, CA, Panasonic RS280, Kenwood TK66; Heath GR54.
- DGC Dave Christensen, Seattle, WA.
- MCC Mel Coffin, Mission City, B, C°
- GWE Gary Elston, Santa Clara, CA Control of the Con
- BEH Bruce Heimburger, Pt. Huron, MI, Ameco R5, Heathkit Q-mult, ;and SMI or 3' loop
- SK Steve Kamp, San Jose, CA.
- DJK Don Kenney, temporarily (?) working (?) in St. Paul, MN.
- ESK Ed Kocsan, Morris Plains, NJ HQ-180A, 27" loop that he again to be a second as a second second
- GM Gene Martin, Denver, CO and the state of the state of
- CM Cteve Martin, Upper Marlboro, MD
- MM Mike McCullough, San Jose, CA, Lafayette HA63A with IRCA loop and LW
- AM Alan Merriman, Fairfax, VA of the second second
- AO Al Ogrizovich, Whiting, IN.
- FJP Your editor, HQ-180A, 3' loop
- AWP Art Peterson, Can Pablo, CA HQ-18 A, Worchester loop
- BP Bruce Portzer, Seattle, WA National NC-120, Halli SX-96, 4' NEC loop
- TES Tom Sundstrom, Willingboro, NJ
- PW Paul Welka, San Jose, CA

Further comments on format change All who indicated a choice this past two weeks have shown a preference for the new proposed format; Dave Thomas, Ed Kocsan, Bick Evans (in last issue), Tom Sundstrom, Don Kenney, Steve Kamp, Dave Christensen. Hence, unless I get an avalanche of mail favoring the present format, DXWW will change next issue. One thing I will do is, as in this issue, put the ZIP for the state. Steve Kamp suggested I further subdivide each area of stations into areas of DXers, but I feel this would be too much work.

BBC Glenn Hauser in a note of explanation of last issue, says BBC was not heard by him, but was listed in London Calling. It appears as Cyprus in the current frequency chart. 1232 is missing from the Mzy London Calling, so it may soon move or leave the air. No information on 1457 kHz. Also on Page 6, Dave Alpert's other bit of info also tied in with Glenn's.

Germany Anyone who lives in Germany can't even escape to a foreign land for a vacation and expect to elude from German radio and commercials. Since the Germans are considered the biggest spending tourists, the major-brand German advertisers have schemes over foreign stations to appeal to them while on holiday with the "German" sound. Don't be fooled! Major stations in Yugolsavia, Fomania, Italy, Spain, Luxembourg, and Monaco now carry Germanlanguage programs. (MWDXC Jornal, via Dave Alpert)

Midwest DX Club The tips labelled MWDXC are from Midwest DX Club, and are sent to us courtesy of Dave Alpert. Their BCB section is foreign only, except for listings of DX specials and new stations/calls. For more information write MWDXC, 6636 Davis Street, Morton Grove, Illinois 60053.

(Incidentally, I just found a report Dave made on YCS, 655 El Salvador, fair to good with classical music 0405 4/11, new, making BCB country #6. Sorry about that Dave, Ed)

Russian Verifications Gary Elston asks if the Russians verify? Yes, they do. Send your report (preferably with a tape, because of the language problem) to Radio Moscow. Specify that you would like the location of the transmitter listed; maybe if you're real lucky, it will come back with it listed. They're pretty good about verifying the Siberian station on 1475, since it is a Foreign Service station; the one on 1550, which is a domestic outlet, still is not verified, to my knowledge.

Geomagnetic Indices

ℓ pril	7-13	6	6	43	23	24	10	8
April	14-20	22	33	13	6	8	8	6
	21-27	7 11	13	8	2	1	4	8

England Since April 3, BBC World Service has been heard nightly on unlisted 1457 kHz. Broadcasts are 2830-0030 with frequency short breaks, presumably for adjustments. Signal is very strong in London, more powerful than the 1214 kHz signal from 50 kw Brookmans Park. This can't be one of the low powered units listed on 1457, so they probably are bringing a new one into use, or out of returement (they have probably at least one spare 100 kw at Crowborough). Speculation is that it is connected with the new commercial stations who will' soon be demanding details of their proposed MW channels. Perhaps, for instance, 1295 is going to be given to the commercials and BBC Europe is to move to 1457. Remember that Manx Radio, the only commercial station at present, is already on 1295. Probably 1484 and 1295 will be commercial stations, which will not upset the BBC too much. (Desmond J. Colling, via C.M. Stanbury II)

Ireland RTE, Irish National Radio, will replace the 100 kw transmitter on 566 kHz with a transmitter of greater power, 400 kw having been mentioned. The Post Minister is looking into the question of providing a short wave station. (CCDX)

Malta Fire destroyed the MW transmitter of Radio Malta on 1214 kHz on March 14. It is not known when they will be back on the air. An Unidentified Arabic station on 1511 kHz probably is BBC Central Mediterranean R lay, Malta, which moved from 1546 kHz to 1511 in December 1570. The BBC schedule, however, says 1546 again. (SCDE)

East Pakistan Since the divil war began in East Pakistan, Radio Pakistan Dacca has been IDing as "Dacca Betar Kendra Bengala Desh". The MW station is on 690 kHz. (WRB)

Congo Radio Kinshasa is testing its new MW transmitter on 692 kHz. (WRB)

I hope that these stencils are satisfactory. The typewriter I usually use is being used elsewhere. I finally turned on the receiver the other night; got a new Venezuelan. Quite auroral night. I was hearing things Grant Manning couldn't get on his junk heaps; I guess it takes good equipment to make a good DMer, not the other way around, hi. Despite the buildup in noise levels, I hhope everyone continues to keep DMing; during the summer months. Don't forget—now that we're on DCT, GMT = EDT + 4, CDT + 5, MDT + 6, and PDT + 7. Next issue in two weeks; hope to have a lot of reports in by them. Watch for the DUs; this is the season. Cu in 14; 73 from FJP.