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CONVENTIONS AND OTHER DX-GET-TOGETHERS THIS SUMMER

First Annual Midwest DXers Rap and Bull Symposium -- June 21. Sponsored by the Great Lakes and Grand River DX Associations. (GLDXA/GRDXA). The meeting will deal with all facets of DX, scrutinize QSLs, and discuss the future of GLDXA's "Newsmemo." For more information, write Bill Whitacre, 2609 Devonshire, Lansing, MI 48910.

Radio USA-SCADS. July 5-6. Location will be the Plush Horse Inn, 1700 Pacific Coast Highway, Redondo Beach, CA, some 6-8 miles south of the Los Angeles International Airport. Motel phone is 213-378-6222 for reservations. Registration fee for the meeting is \$5.00. This marks the 4th anniversary of Radio USA. All day sessions, 10 AM-6 PM. For information and registrations, contact Mike Femyer, Radio USA Chairman, 1602 West Pierson, #229, Phoenix, AZ 85015. All DXers welcome.

Worldwide TV-FM DX Association (WTFDA) August 1-3, annual convention at Lighthouse Point, just north of Fort Lauderdale, FL. Program and recreational activities. For registration and information on hotels, motels, and camping facilities, contact Ken Simon, WTFDA Convention Chairman, 528 Pilgrim Road, West Palm Beach, FL 33405. Send a SASE for reply.

International Radio Club of America (IRCA). August 8-10, at Neil House Motor Hotel, 41 South High Street, Columbus, OH. Registration and banquet fee, \$12. Contact Randy Finnehan, P.O. Box 9312, Columbus, OH 43210 for information. Rooms are: single, \$16; doubles, \$12 and \$13 per person; triple, \$9 per person.

National Radio Club (NRC) August 15-17, at Ramada Inn, Bradley International Airport, Windsor Locks, CT (7 miles north of Hartford, CT). Program, tours, auction, equipment display, films. Registration, \$15 per person. Rooms are: single, \$19; double, \$25; triple, \$30. Registration deadline for rooms is July 31 through the committee. Send SASE for registration and registration forms, to Ron Musco, 16 Chestnut Drive, Windsor Locks, CT 06095.

Association of North American Radio Clubs (ANARC), August 22-24 at Maison du Radio Canada (headquarters of Radio Canada International), Montreal, Quebec, Canada. Accommodations at the Windsor Hotel, 1170 Peel Street, Montreal. Singles, \$21.60; doubles \$28.62; triple, \$37.26. Hotel reservation deadline is July 21st convention committee. Tours, reception by RCI, talks, banquet. Registration fee, \$10; banquet, \$11 payable in advance. Banquet speaker will be Basil "Pip" Duke, former RCSWC President. Write to ANARC Convention Committee, 5766 McAleer Ave., Montreal, Quebec, Canada H4W 2H1 for information.

Northern California DXers (NORCAL) August 29-September 1 (Labor Day weekend) at El Rancho Inn, 1100 El Camino Real, Millbrae, CA 94030 (415-588-2912). Rooms are: single, \$16; double, \$20; triple, \$24. Registration fee of \$1 to cover refreshments and door prizes. Technical sessions, equipment displays, quizzes, auction, etc. Just minutes from the San Francisco International airport, with courtesy car available. Advance registration unnecessary. For further information, write Rick Heald, 17412 Rolando Ave., Castro Valley, CA 94546.

Even though you might not be able to make it IRCA's Convention, try to make it to one of the get-togethers in your part of the country. You'll find that you'll really enjoy it; you'll meet a lot of friendly people and probably learn a lot about DXing.

Geomagnetic Indices

May 14-20	11	3	27	16	10	17	28
May 21-27	11	11	8	5	10	19	12
May 28-June 3	6	12	6	4	21	24	13

Radio conditions are likely to become unsettled again about 15-17 June and 28-30 June.

BROADCASTING

INFORMATION

Michael G. Worst, 4618 Fremont N., #104, Seattle, WA 98103

new 770	10-U	Agana, Guam	CP (T.W.R.)
KSWS 1020	50-D 10-N	Roswell, N.M.	requests KBCQ
KMYO 1050	1-D	Little Rock, Ark.	granted KSOH
new 1050	1-D	Polson, Mont.	requests KERR
WQIK 1090	50-D 10-CH	Jacksonville, Fla.	to 10-D DA
WLBB 1100	1-D	Carrollton, Ga.	renewal denied
WAKK 1140	½-D	McComb, Miss.	start operation
new 1170	1-D	Clinton, N.C.	requests WCLN
CIOK 1310	10-U	St. Paul, Alta.	DA-N from DA-2
new 1330	½-D	Carrollton, Ga.	CP (see 1100)
new 1340	¼-U	Fort Kent, Me.	granted WLVC
new 1370	10-U DA-N	Westlock, Alta.	" CFOK
WIAF 1500	5-D	Clarksville, Ga.	start operation

All powers in kw. From the May 12 to 26, 1975 issues of Broadcasting Magazine, and Glenn Hauser. (Thnx Glenn)

The Inside Story —

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WDXR 438	Election Information - 443
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DXWW2 447	CBC LPRT List - 449
	The Ad-Visor - 451
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DXWW and CDXR not received by press time	SS/FF/PP Vocabulary Corrections- Glenn Hauser-Barlow-Wadley Modifications- 453 452
	Good Old Days of Radio - 454
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Bill Hardy has more Special Feature material on hand. He will type them up as time permits.

NOTES FROM SDPC

This issue was assembled mostly by Grant, under the tutelage of Father Jack, who has usually assembled the material for the printer. Grant will be handling things from now on.

Next issue will be dated July 5. Because of the holiday on the 4th, deadlines for that issue will be moved up slightly. All copy must be in Poway by Saturday, June 28.

From now on, send all editorial material to Poway, and not to FJP in San Diego.

All orders for Foreign Logs (except the two that Grant has otherwise notified) have been filled, and are usually filled on the same day as received. If you haven't gotten yours yet, let us know please, as some have apparently gone adrift in the USPO, or HQ. Same goes for missing DXM's. To Grant's knowledge, he's filled all orders for missing pages. If you missed a DXM, please let HQ know by Volume #, and date/page.

"The Beginner's Guide to Broadcast Band DXing," our new member's kit, is being reprinted. If you've joined in the last couple months, you'll get your copy of the revised edition shortly.

We have completely exhausted our supply of Volume One of the Foreign Log, and are no longer accepting orders for same.

DX RECORDS will be handled by CENTEXDX, composed of Michel Breger, Walter Kuenast, and Steve Moss. They are ready to start working on the column, so send them your lists of stations heard and verified. The address: 7217 Creekside Drive, Austin, TX 78752. Extra copies of the report form which has been used in the past are available from HQ for a SASE.

eastern dx roundup

Editor: Mike Millock, P.O. Box 533 Lorain, OH 44052

DEADLINES: 6/21; 7/21; 8/25

- 590 CKRS EQ, JONQUIERE 2253, 5/3, FF YL talk in the Jumble. (DHM-PA)
680 WRKO MA, BOSTON on top w/pops & ID 2240 5/3.(DHM-PA)
730 WPIK VA, ALEXANDRIA 4/14 0354 strong w/ID after an hour of off & on TT. (SF-TN)
790 WAEB PA, ALLENTOWN, 1955 5/6 YL nx, ID, pops.(DHM-PA)
800 WEAR SC, GREER, SM 5/11 0635 fair w/gospel mx.(SF-TN)
940 WINZ FL, MIAMI, 2100 5/7, tuned in just in time for ID, on top for only a minute, then fade.(DHM-PA)
960 CKWS ON, KINGSTON, 2055 4/28 ID hrd in jumble.(DHM-PA)
970 WWDJ NJ, HACKENSACK, 2055 4/30, ID, mx o/u/ WWSW et al. (DHM-PA)
1010 WSID MD, BALTIMORE, 1945 4/27 ID hrd u/CFRB. (DHM-PA)
1280 WROC NY, ROCHESTER, 5/1 0546 strong & interference-free on day pattern w/"WROC cares" promo & automated oldies format. (SF-TN)
1320 WGET PA, GETTEYSBURG, 1855 5/8 pops and ID, on top. (DHM-PA)
1360 WIXZ PA, MCKEESPORT, 1953 4/25 on top w/ID, sports, wx. (DHM-PA)
1380 WPLB MI, GREENVILLE, 0605 4/26 end SSB, s/on anmts. (DHM-PA)
1400 WJLD AL, FAIRFIELD 4/28 0501 good w/soul & SID.(SF-TN)
1410 WLAQ GA, ROME 4/28 0459 finally heard u/WING w/tail end of s/on, wx, & into CBS Nx. (SF-TN)
1450 WLKS KY, WEST LIBERTY 5/16 0630 fair & atop w/gospel mx & ID. (SF-TN)
1460 WEMB MD, EASTON 1955 4/28, pops, ID, o/u/WAXC.(DHM-PA)
1480 WISL PA, SHAMOKIN, 1855 4/30 IDs hrd in jumble.(DHM-PA)
1510 CKOT ON, TILLSONBURG 5/16 0600 fair u/WLAC w/femme choral "O Canada" followed by s/on & into nx. Decent strength but only readable during WLAC's fades/ dead air. (SF-TN)
1560 KCAA SD, ABERDEEN, at 0212-0233 on 4/6, c&w, "KCAA Computer Country Sweepstakes", "KCAA Radio-active News" @ 0230, fair, some CKLM slop. Been looking for this one for awhile. (DRB-ON)
WTOD OH, TOLEDO 0612 4/26 light mx, ID, wx. On top. (DHM-PA)
1570 WFUR MI, GRAND RAPIDS 5/17 0600 poor u/WQFW w/s/on & mention of Furniture City B'dcasting Corp., no anthem. (SF-TN)
WJES SC, JOHNSTON 5/19 0600 poor u/WFUR/WYTI w/"Dixie" & s/on. (SF-TN)
1580 WAXU KY, GEORGETOWN, 2014 s/off 4/9 w/full ID, invitation to re-tune to WAXU-FM, no SSB heard. (DRB-ON)
WMTL KY, LEITCHFIELD, 2015 s/off 4/9 w/full ID, and invitation to re-tune to WMTL-FM. No SSB heard. (DRB-ON)
WAMY MS, AMORY, 4/9 2026-2030 Gospel mx, 2030 s/off ann., full ID, excellent signal. (DRB-ON)
1590 WJSO TN, JONESBORO 4/9 1945-1951 wx, PSA, ads, f/out, fair. (DRB-ON)
---- UNID, 4/9 1928 w/live promo for "Dynamo Blues Contest". ID as "Super 16-Q", soul mx, NOT WQQW. Any Ideas? (DRB-ON) (I'm not up to date on mini-calls, but if 1590, maybe WQTC-WI, or perhaps WAQI-1600 in OH??...mrm)
1600 WAQI OH, ASHTABULA, 0620 4/26, ID, spts, wx, on top. (DHM-PA)

PER THE LIST:

1490 WSIP KY, PAINTSVILLE 0445-0500 fair u/local WROL on 5/10 r/c; 400 Hz TT w/AM-FM IDs every couple of minutes. (SF-TN)

THIS EDITION WAS PRESENTED TO YOU BY:

(DRB)-David Ball/62 Lexfield Ave., Downsview ON M3M 1M5/ DX-150A & SM-2

(DHM)-Don Moore/Box 6, Milesburg PA 16853/XCR-30 & 60' LW (SF)-Stephen Francis/1620 Lodge St., Alcoa TN 37701/ Realistic TRF & antenna

DX slowing down now it seems. Have not gotten any DXing in here yet...to much static w/thunderstorms. I hope to DX some in the next few weeks. Sorry to see FJP had to give up his Publishing duties. You did a fine job, FJP, and deserve a big "Job well done"! Also a very big "thanks"! Also please note the next (6/21) deadline is a SATURDAY. I have to get my copy to California a bit early as the printer might be closed o/the July 4 weekend, so hence moving up a couple days on deadlines. Balance of deadlines are usual Mondays.73, Keep DXing & Keep Reporting!

NANCY HARDY, Editor

2301 PACIFIC AVE.

ABERDEEN, WA 98520

western dx roundup

Deadlines: JUNE 25, JULY 23 & AUGUST 27

Reporters for this issue are:

- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC Hybrid console rx, spiral loop
(BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1
(RH) Rick Heald-17412 Ave.-Castro Valley, CA
(ECR) Eric Rittenhouse-77 Linaria Way-Menlo Park, (ECR-EARF) Indicates DX from Millbrac,CA/OA HQ-160, SM-1

- 650 KYAK AK, Anchorage noted 4/28 0800 w/"K-Y-A-K, Anchorage" way u/KORL/#*% KNBR-680 garbage. Wonder if I could buy a couple of hours on KNBR and make my own SP? (ECR-CA)
700 ?KEYR? AK, Anchorage could be the one in EE 0836 4/28. Possible C&W after, but not certain. WLV should have been out of the picture by then and didn't sound like JJ w/lessons. Don't know what else it could be. Looped perfectly. (ECR-CA)
720 KDWN NV, Las Vegas in every night now w/strong sig on every radio I've tried. Uses "K-Dawn" IDs most of the time w/KDWN used on the hour & half hour, sometimes elsewhere. They seem to play a wide range of mx, as one night I hrd a C&W number followed by a Lawrence Welk, then a current rr song. WGN is usually still hrd behind them.(ECR-CA)
740 KRMG OK, Tulsa finally hrd 5/5 0622 w/two IDs, thru KCEB OO. (ECR-CA)
750 KFOJ AK, Anchorage old friend KFOJ back w/exc. sig 4/28 all AM. First noted 0540 w/uptempo MOR,"Radio 750", & 17 to 1:00 TC. KFOJ jingle 0545. Also good at 0805 recheck w/jingle & Anchorage temp. WSB/KMMJ etc. never caused any trouble. Should have made it halfway across the country w/sig like they had.
800 CHAB SK, Moosejaw finally hrd 4/14(ECR-CA) and every SM & MM since in the 0700-0800 slot. The mx is usually fairly clear sounding but for some reason the IDs & spots are so mushy that I can hardly understand them. This overrides a looped and fading XEROK w/CKOK in the background during KGO SPs.(ECR-AK, Nome 4/28 0525-0555 after many CA) tries. First noted 0525-0530 w/apparent rr overriding pest KTAC. Tuned back 0552 just in time for weak KICY and Nome mentions and very strong SSB way o/KTAC et al 0554. Very good considering power, latitude, & distance.
860 ???? ?? 0530-0600 5/12 odd sound- (ECR) ing tone like a big steel roller on concrete (would you believe?). Interspersed w/OC. Quite strong and looped east. Any ideas? (NHP-BC)
890 ?AFRTS?AK, Adak almost certainly the stn hrd u/exc AK ex 0850-0905 4/28. Had song "Snoopy and the Red Barron" 0856 foll. by weak but 90% certain AFRTS ID. Looped a little s. of Anchorage & noticeably low in freq. as reported to IDKD recently. Low het was detectable on WLS all AM. (ECR-CA)
1120 KMOX MO,St. Louis 0410-0430 5/12 w/KPNW partially looped out, often on top of channel w/MOR and low-key anncr. odd bits of nx 0415, positive ID 0430.(NHP)
1240 CKOO BC, Osoyoos 5/11 0600 fairly good on top of CFVR-1240 and CKDA-1220 splatter. CKOK network ID (CKOK-800, CKSP-1450, CKOO-1240, CKGF-1340). (NHP-BC)
1310 KEIN MT, Great Falls hrd 5/5 0710-0715 during KDIA SP, o/KBUZ. (ECR-CA)
1340 KCAP MT, Helena 5/29 0332-0318 atop looping east w/CBS nx, tape-delayed; then "Helena wx", jingle, and rock mx.(EH)

June 14, 1975

eastern dx forum
Editor: Bruce R. Heimburger 1710 Cambridge Rd.,
Ann Arbor, MI 48104
Last deadline: 6/25

- 1340 CKGF BC, Grand Forks 5/11 0630 CKOK net ID briefly on top of usual mess. Poor audio quality. (NHP-BC)
- 1350 KCKC CA, San Bernardino 5/3 0650 very weak w/KMO-1360 splatter. Just one ID discernable "...KCKC, good morning".
- 1370 KXLF MT, Butte 5/19 0757-0805 (NHP-BC) w/s/on. Came on w/"G'morn from 1370, KXLF, Butte, MT as we use our 5000 watts to bring sunshine to your day". Then had song "Here Comes the Sun" until 0800. Had more IDs, CBS nx and spot for Kelly Spring Tires, after song.
- 1370 WSPD OH, Toledo 5/5 0530-0534 (ECR-CA) fair o/Unid w/"...on WSPD in Toledo, Ohio on this MM the 5th of May, 1975" 0530, ments of 24 hrs and "1370 on your dial". (ECR-CA)
- 1370 *KAST* OR, Astoria noted w/ET 0459 5/5 w/"This is KAST testing on 1370 K Hz in Astoria OR. This is KAST testing." followed by inst. version of "My Cup Runneth Over".
- 1370 KSOP UT, Salt Lake City s/on (ECR-CA) o/KXLF 5/19 0802. Was KXLF til 0807 & then atop w/IDs and spots til 0823 tune out. May have been C&W format but only a couple of songs hrd so not sure.(ECR)
- 1400 KPMI NY, Henderson 5/5 0545 fighting GY mess for a couple IDs, KRE off. (ECR)
- 1440 KOKY AR, Little Rock 5/25 0730 celebrated by me w/a yell of glee which probably woke all of Millbrae. Hrd "It's 6:30 in Little Rock", fading in o/KPUR/KEWI at 0730, possible ID a little later. My 1st AR for State #41. (ECR-BARF)
- 1440 CJOI AB, Metaskiwan 5/25 0740-0800 w/ several IDs and spot for The Tire Shop.
- 1450 CKSP BC, Summerland 0705- (ECR-BARF) 0708 w/"This is CKOK" at 0705 followed by the song "Thank God I'm a Country Boy". Checked CKOK-300 and was defin. //.. My 1st Canadian GY'er. (ECR-CA) (Date??-NH)
- 1470 KDHN TX, Dimmit 5/26 0722-0747 beautiful signal, good tape. KPUR-1440 TX in solid also at the same time. (RH-CA)
- 1480 KGCK MT, Sidney 5/26 0658 presumabl't just after s/on w/local wx & into nx at 0700. All alone on freq w/fair sig.
- 1480 KIMS NE, Lincoln 5/25 0525 thru(NHP-BC) nulled KWTZ w/ID. (ECR-BARF)
- 1540 ?KASA? AZ, Phoenix may be the one u/KZAM w/religion, no IDs & too weak.(ECR)
- 1540 KPOL CA, Los Angeles 5/20 0030 w/cuiet inst. mx and ID. Reasonable sig for a few minutes then back into the mud. For some reason this is hard to get here & is a new logging for me.(NHP)
- 1540 KZAM WA, Bellevue 5/24 1230 new call - from KBES. ID'd as K-ZAM 92 to confuse the issue; their FM is 92.5.
- 1540 ?KZAM? WA, Bellevue possibly the (NHP-BC) station w/WA ments, and possible rr mx noted 5/12 0745-0800. Didn't hear call so could have still been KBES. (ECR-CA) (I don't know when they changed, any help Seattle members?-NH)
- 1570 CKTA AB, Taber 5/24 2345 occasionally o/ CHUB w/pop mx. ID as "CHES-1090 and CKTA". Tried 1090 for CHES but KING too strong. What is CKTA power? (NHP) (5,000 w. DA-N-NH)

A little bit more DX reported this time. Our next deadline is Wednesday June 25, other deadlines are at the beginning of the column. 73

Brh - Ann Arbor, MI 48104

This will be my next to the last EDXF section. I have accepted a job in Fulton, Illinois which moves me out of the eastern section of the country. And maybe its about time for someone new to take this column over and give it a fresh perspective. And since school is just about completely over for me, maybe some good DX from a new location can be done. I am looking forward to Fulton for several reasons, one of them hopefully will be a renewed interest in DXing. But back to business. . . .

Richard Eckman - 1611 E. Mt. Pleasant Ave.
Philadelphia, PA 19150

Greetings. I haven't done too much DX lately w/the exception of weekend DX. The usual 3 or 4 high-band TA's are still making it in during late April/early May sometimes w/decent sig. strength. Lately I have been doing some personal research into the MW propagation field. It's really a fascinating subject. To comment on FJPs recent editorial on dues increases, I wouldn't mind having 30 issues a year but 26 issue at biweekly intervals is too few in my opinion. For the really active DXer the weekly issues during the autumn/winter season are indispensable. As I calculate it, each issue of DXM costs 34.4¢. An increase of 5¢/issue, due to postage only, would bring it closer to 40¢. 30 issues at this price is \$12.00/yr - a \$2.50 increase. These figures are mathematically correct, but I don't know whether they hold up in actual circumstances. It would be nice if SDPC would print a questionnaire polling the members on the various alternatives when they do raise the dues. But, invariably, it seems a majority of members never respond to such items. I hope that some of the more technically inclined DXers would consider writing propagation or tech. articles for DXM as there's been a lack of them this last season. 73 and good DX.

Bill Meredith - Route 1 - Kensington, GA 30727

Hello again everyone & 73. It seems the DX season is coming to the end after a very productive season. Added many new ones to the log this year including finally logging KFI. Also, I logged FL which was a most needed state. The DX cx however are still good, but the DX comes in a lot later than winter & stays around a lot less longer. Added lots of new receivers to the shack this season, including the DX-150B. Since I joined the IRCA I have made many new friends. A couple are Mr. Don Erickson, whom I correspond w/regularly and Mr. George Paetzmann, another good friend. Anyone who collects QSL cards can have one of my SWL cards just by writing. This is the same card that I send to hams when I send them signal rpts. I generally use IRCA Report Forms for all BCN reception rpts. Also, if there is anyone who has a SWL card of their own, I would appreciate yours as well. During April I set a new record by adding 47 new ones to the log. (That just shows what you can do if you set your mind to it, hi) If anyone has read their Vane Jones Log very carefully, you may notice that a stn has filed for a license on 1190 kHz, has been assigned call letters (WGCA), but is still not on the air yet. Well, it never will be on the air. The stn was to broadcast from neighboring Chattanooga, TN, w/a daytime power of 10 kW. The FCC has denied them their license now saying that they didn't get their xmtr construction completed by a specified date. The stn was to be owned by Rock City Broadcasting, Inc and would have broadcast about 5 miles from WFLI on Lookout Mtn. WGCA was given until April, 1974 to complete construction on their stn and then was given until Sept. 74, a 6 month extension. The stn was still not completed by that dat & this was cited for the reason of cancellation of the license. I am sending the article to be published in DXM. The sudden cancellation of the license was called "harsh" by the owner of the stn. Also there is a rumor that the FCC is going to put a limit to how many radio stns a city may have; that could have been a reason for the cancellation also. 73, good DX, Bill.



1310 KC, 5000 WATTS AMI97.7 MC FM
WICH inc.
Cuprak Road, Norwich, Connecticut 06360 (203) 887-1613

Fred Frechtl - 6128 Glade - Cincinnati, OH 45230
In my last DXF rpt, I said that it would be my last one this season. However, there are some local stn changes taking place that I would like to pass along to everyone. WKRC-550 is moving their xmtr from the 2-tower array, atop the centrally located Hotel Alms, to a new site in Cold Springs, KY using a new 5-tower antenna system. This would indicate that they will have a more intricate night-time pattern. Judging from WKRC's new xmtr location, relative to Cincinnati, it seems apparent that their main lobe will be NNW. Meanwhile, WNOP-740 moved their xmtr from Highland Heights, KY to Delhi Hills, a west side suburb of Cincinnati. This is an odd situation. Three Cincinnati stns will have their xmtrs in KY (WCKY, WZIP, & now WKRC), while WNOP, a Newport, KY stn has their mxtr in Cincinnati. Also, these veries were rec'd since last rpt: WFSP, WAYS, WYTI, CKOT, & WKLX, all ppcs. If you have a rpt out to WKLX, don't give up. Mine was enroute 1 year and 7 mos. Totals now nudged up to 1390/922. 73s.

David Ball - 62 Lexfield Ave.

Downsview, Ontario, Canada M3M 1M5

DX has been fairly slack here lately, been busy on some shack improvements. Latest veries: WAMY, WJSC, WIND, WNDE, WXGI, WHBQ, WERE, WHOT, CJNR, WGAN, WKTQ, WRAN, WLEA. WNDE sent nice letter from CE, Ron Hyer, WB9CEX/K1JYO, who cleared up some of my confusion about IN time zones. This morning rec'd from WMTL a CM, some business cards, schedule of ad rates, but no verie! Seems like a ppc f/up is called for. Unlike some others, I find verie collecting a verie interesting part of the hobby, there being a lot of challenge in getting some \$%&#! stns to answer. Despite this, I'm forced to agree that a written verie isn't as good proof of reception as a tape. On the subject of FJP's recent editorials, I'd agree that perhaps we should try to be more receptive to newcomers & less of a private club, but at the same time, I think a good part of the burden must lie with the newcomer. Referring to Foxy's proposal in the 4/12 DXM, I heartily support the idea of a joint IRCA/NRC committee to make representations to the FCC. I suggest that a copy of the committee's report could also be forwarded to the DOC. Recently I've become interested in becoming a voice for VE3-land on the ham bands. Any hams among the membership with ideas on how a penniless student like myself could go about setting up a credible amateur stn, I'd appreciate your correspondence. 73s to all - Dave.

~~~~~Editor: John Zondlo

## central dx forum 608 N. Martin

~~~~~Muncie, IN 47303

Rich Eddie-152 W. Rose-St. Louis, MO 63119

Hi fellow IRCAers! I hope all had a great DX season and received many QSLs. Welcome to all the new members and welcome back to those that have rejoined. I hope to make it to the IRCA convention in Columbus, Ohio in August and hope to meet many of you there. No AM DX since the middle of February. Totals now 1224/839, 48/48, 6/5, 23/15. From September 1st, 1974 until February 18th, 1975, I sent out 67 reports and have received 49 QSLs back for a 73% return. One local note- KFUO-AM 850 Clayton, MO, since February has been going off the air at 1730 CLT except on a few occasions they have been on later. Must be nearing the limit so I'll s/ff for now. Good DX, Peace, 73's de RTE.

Bob Lazar-1109 Niesen Rd.-Port Washington, WI 53074

I haven't done too much DXing lately. It seems that every time I've tried to DX lately conditions have been bad or just mediocre and nothing new has been heard. Also, my SM-2 is on the blink and that might cut down on DX too. During the Easter vacation I went to Spain with a group from our school. We stayed near Malaga in southern Spain. I took along a portable receiver and the DX was interesting. During the daytime stations from Spain, Morocco and Algeria could be heard. At night many different countries were heard with many French stations in particular. One of the

most interesting things was that on Holy Saturday all commercial radio stations in Spain are apparently off the air. Also, on a few other days during Holy Week certain stations were off the air. The only Spanish station that could be heard on Saturday was Radio Nacional de Espana. I sure wish U.S. stations would do this also, hi. WOKY-920 now signs on at 0400 MM; recently they had been signing on at 0600 and before that they signed on at 0500. WISN-1130 will go AN-6 beginning May 5....boo. Menominee Indians have been operating a pirate station in Keshena in northern Wisconsin and also in Madison. This station might still be on the air but I have been unable to hear it here, about 110 miles from Keshena. The frequency is apparently in the 1570 to 1590 range as the FCC claims the station interferes with WAPL-1570 and WAKR-1590. The FCC has filed suit against the station. 73s. (Your report apparently got mixed in with some of my other mail, Bob. Sorry about that-jz)

Charley Keleher-3924 Sleepy Hollow-Fort Wayne, IN 46804

Hi gang! I just finished 2 years of DXing from this place, and got to wondering just what frequencies were treating me best. In the verie action, 1580 is in the lead with 7, and 960 and 1550 are close behind with 6 each. 790, 900, 930, 970 and 1420 all have 5. The best for hears is 1550 with 25 stations from 21 S&Ps. Now up to 777 heard, hope that's lucky. DX is kind of on the fritz, as is verie action. I still got a few though, v/q WJJD (longest wait ever) WETE WQTE KAAT WPUV KMA WHIS WBNW WMAY, v/l or v/f KQWB CJOY KNOX WEAS WRFC KQV, v/r WKAM, v/memo KFLN. I dunno when or if WHIS is going to change its callso, so sorry about any false alarm on that. I've had some good luck with a crude audio filter; it really helps in pulling out IDs when there's a f/c on a crowded channel. Well, if you can't afford an ocean cruise this summer, come to the IRCA convention and see a lot of strange birds and other wild life (like room 303, hi-jz). 73-Charley.

Phil Boersma-15570 Cleveland St.-Spring Lake, MI 49456

Hi again. Memorial day was truly a memorable day here in Spring Lake. The reason: JZ and RCE came up here to Spring Lake to visit Bill and me. It sure was interesting to look over all you guys' veries and such. Makes my piddlin' 50 or so veries look like nothing, hi. JZ tested out a new FM rx up here, (I guess it works OK, hi.) then after some "shoptalk" we visited WKBZ-850 and WGHN-1370. I was continually amazed at how much JZ and RCE knew about radio stations-- they'd ask the DJ or whoever some question, and I'd just stand there and go "huh?". Well, it was fun. Hope to make it to the Columbus convention, if I have the \$\$\$\$\$\$. Very sorry to see FJP leave as Editor in Chief. He deserves a "well done" from all of us! All for now. 73s.

Jim Nall-1610 Lucia Ave., Apt. 7-Louisville, KY 40204

Hello! I now have a noisier QTH since I moved to this apartment a couple months ago. But I am farther away from my nearest local. Before I was about 1/2 mile, now I am maybe 2-3 miles from my nearest headache. Was great seeing the LADS photo in 5/24 DXM, although our facial features were a little wierd- hi. Held a get together at this QTH on 5/10 with 10 people in attendance including Ira Green (Cincy-NRC) and John Hoogerheide (Brandenburg, KY). Also a fellow who lives in an apartment down the hall attended. He is an audio nut and ex-FM announcer, and his name is Doug Harding. Dunno if he can be enlightened to DX'ing- hi. Other news is that I bought an HQ-180 for \$140. Had to replace 6 bad tubes (\$10), and it needs some alignment. But for \$150 so far I can't complain- hi. I sold my Halli SX-99 to Wayne Murphy for \$35 (Wayne needed a backup rx, so...). As far as I know, most of the LADS are looking forward to Columbus. That must be the closest any ECB convention has ever been to Louisville. Well, anybody who'd like to write is welcome. I like correspondence. 73's es CUL.

June 14, 1975

Tom Butas-5612 Alta Dena Dr.-Huntsville, AL 35802
Hi all! Finally finished with school for this year. Hope to be able to find a job for this summer but things look real bad around here, so I guess that I will be going to summer school to pick up a few more credits. I also plan to do some DX'ing during these 2 weeks of no school. I am currently awaiting my 300th verification which seems to be eluding me as I have been waiting since last March for it. If I attend school this summer I will be unable to attend the convention, but I will know by July. I am currently working for a Novice license and hope to obtain this by summer's end. I also have obtained a limited number of WBHP bumper stickers which I will give away for a SASE (only one per request). Well, guess that's all for now. 73's. TB.

Scott Mentzer-Route 3-Tylertown, MS 39667
Hi everybody! The only veries that I have gotten since my last report are WSUH and WWNS. WWNS is in Statesboro, Georgia. I called the station and I didn't get an answer. They did send a very nice letter, however, which said that they run a frequency test every third Monday from 12:15 to 12:30 A.M. EDT. The v/s was Scott Pendergraft, the chief engineer. I would have to agree with Robert Kramer's views on trying to keep longwire out of the club. Before I vote for you, Bob, I better see who else is running in the election, though. I sure am sorry to see FJP leave the publishing committee. I think that the whole club should applaud this man. I still plan to see some of his articles in the Monitor, no matter how technical they are. Can anybody tell me where I can find a White's Radio Log? I've look almost everywhere and I still have not found any anywhere. 73.....(About the best place to find a WRL is in a local electronics store. Thanks for the kind comments about CDXF, Scott-jz)

John Zondlo-608 N. Martin-Muncie, IN 47303
Greetings. Hope everyone is enjoying the static filled DX scene. I've pretty much given up on BCB for see summer and turned my attention to FM and TV DX. Sure hope I see a lot of you folks at the Columbus convention. It looks like I'll be able to attend now that it's been moved up a week. Upcoming deadlines for CDXF are 6/26 and 7/24. Be watching for an address change in the August DXM! Following my graduation from Ball State in August I really don't know where I'll be living. Just have to wait and see I reckon. Well, see y'all in 30 (or whatever).....

"signed off" the place. He even gave a tribute on behalf of the "staff and management". I trust that by now our friend DEE has recovered from his sojourn into the "straight" world on non-DX'ers! Back to Millbrae for a moment: My special thanks go to Charles Wolff for the neat displays, and to Rick Heald for the easy DX quiz (he won it, folks-RtH)! Lastly, I'm in agreement with Bruce Fortzer's comments in the 5/10 DXWW to the effect that this has been (and still is) a great season for DX'ing South America. Especially after MM 5/26 when I was somehow able to bring in CX16 Uruguay on my hunk-of-junk radio. See DXWW for details. 73

DONALD ERICKSON-6059 Essex St-Riverside, CA 92504
Phone: (714) 687-5210

NORCAL Memorial Day was great-thanks to the hosts for their efforts. Everyone enjoyed themselves so much, another GabFest is planned for Labor Day weekend, same place. I'll see you all there. Before then, I'll be at the WTFDA, IRCA and NRC conventions; would like to carpool with someone between conventions; I'll pay gas. Elections: A lot of fine nominees--Brian Scully will make a particularly good BoD member. The 1975/1976 Domestic Contest is excellent; I hope to be even more active than last year. If there are any members who have time for regular correspondence, drop me a line--I have an entire lunch hour to spend writing letters. Cx 0700-0900 particularly good these May/June weekday mornings. (I'll second that-RtH) 73.

BILL HARANG-811 Nevada Ave-San Jose, CA 95125

I had an enjoyable phone conversation (15 minutes) w/Ron Harper, evening DJ of KDWN 720 Las Vegas. Ron's really been around at a large no. of stations including KCRL & KRAM. I was very surprised to hear that he worked at WVCH 740 Chester, PA. That happens to be Andy Hecker's best catch, by the way! Quite a coincidence! Ron welcomes any calls from listeners at (702) 385-7214. Jack London is doing the 10am-3pm shift now, because he wants to spend time with his family during the evenings. I received a v/f from KDWN on 5/21. The v/s is Joseph D. DeAngelo. The .5mv/m contour skywave coverage is identical to the NRC Pattern book, by the way. The NRC Pattern book has KEX's pattern right, but the angle is wrong; it should be rotated about 30 degrees CCW (???-RtH). They have that problem with several patterns in the book, including KDAY, which puts more power up the coast than the book shows. Getting to KDAY, they are licensed to Santa Monica, but their studio and transmitter is on a hill near L.A. Civic Centre, a bit North of Hollywood on N. Alvarado St. They have 6 towers in a rectangle (3 per side) and have a very complex pattern (particularly at nite. At nite they cannot be heard decently in Whittier) Their signal is such that, despite 50kw fulltime, they cannot effectively serve the whole L.A. Metro area. But they sure do serve the whole of the Black communities of Los Angeles (and they do put a very strong signal into the Santa Monica area) and they have been very successful with their current modern R&E format. At night in the outer reaches of San Jose, KDAY comes in clearer than KLIV due to skywave beating on KLIV. You may wonder what that is? That's the phenomenon normally heard in a stn's fringe area, where at and after sunset the groundwave & the skywave beat against each other & create fading & phase distortion. For this to happen w/KLIV in San Jose itself indicates that more signal is going straight up than sideways, which also explains why KLIV's daytime signal area has always been smaller than it should for the power. They once changed their transmitter hoping to solve the problem, apparently not realizing that the extremely high angle of radiation of their antenna system was at fault.

western dx forum! EDITOR: RICK HEALD
17412 ROLANDO AVE.
CASTRO VALLEY, CA 94546

JIM KORN-969 Burnett Av #4-San Francisco, CA 94131
Greetings! Thanks to the Bay Area Radio Freaks for the most diverting weekend I've experienced in quite a while. At the Millbrae Memorial Day fest, I had the pleasure of listening to some of Rick Heald's DX tapes which he recorded in Alaska north of the Arctic Circle. Hearing a New Jersey graveyarder pounding in like a local (WFPG 1450 RtH) at a distance of well o/3000 mi. is enough to make any DX'er spill his coffee. I admit that until that weekend I had never heard of Venetie, Alaska (pop. 100), but after listening to Rick's tapes, I don't think I'll ever forget the place now. After the taped presentation, former IRCA publisher Don Erickson agreed to accompany me for an evening on the town, along w/ex-DX'er Dave Kulka and YL non-DX'er Dorna Bjorklund. Our expedition took us to the Olympus discotheque in the North Beach area of San Francisco, where at least three light shows were running simultaneously, & one of the cocktail waiters was a dead ringer for David Bowie. We stayed until 0200 local (the legally imposed closing time for Calif. drinking establishments) when the disc jockey quite literally

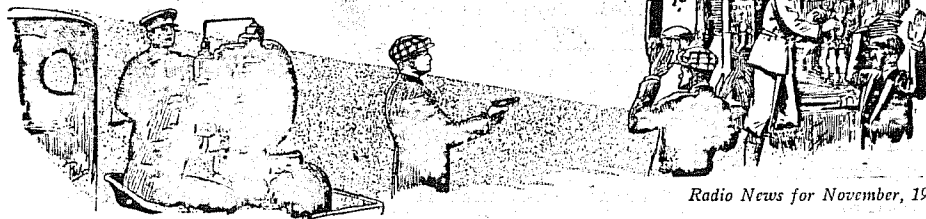
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RICK HEALD-17412 Rolando Ave-Castro Valley, CA
24546 Phone: (415) 278-5032 before 2200 PDT

Saludes! My thanks to all who helped to make Memorial Day in Millbrae a great success. And now that you all have recovered, get ready for an even bigger and better one over Labor Day weekend, so make your plans now. Also in the works, a DX-pedition on MM, Sept 1st. Jim Korn would like to use the old Mars radio site atop Mt. Tamalpais, 2600ft elevation, anyone have any pull with the "Brass"? Eric Rittenhouse and I outlasted the others to 0545 PDT w/AN DX session, DEE gave advice from the back of the room, after his safari to "The City". Nothing really popped 'til about (following time all EDT) 0545, caught ID from KLMS 1480 way u/a nulled KWIZ. Then at 0730, Eric did one of those classic doubletakes, as he heard an ID and time check from KOKY 1440, then as I took charge to try to get copy, heard beautiful ID and spot from CJOI @ 0741, then a few min. later JJ was heard on 1440, their ID killed by KUHL s/on. Usual pest, China 1040 started puffing away around 0815. DX quiz in the afternoon, and Jim, I really thought I had given a tough one, hi. MM, 5/26, ex good, but PG&E at fault this time, super HNL, power pole has been tracked down, did manage KDHN 1470 for o/45 starting at 0720, beautiful tape. Also interesting, KTUF 1580 ET'ing earlier 0533 re-broadcasting KNIX-FM, w/FM ID's. I'd like to know how legal this is---KNDE s/off 0400, then back on 2 min. later w/full day power, pattern, right back into regular programming, same DJ, etc, w/a couple mentions of an ET (sortof muffled). KMBY has also done same thing in past. S/off 0300, back on w/1kw and RS, minus any spots. Also, hrd KPUB 1480 do same thing, 0700 w/C&W mx, ID after ea record, but also announcing too, mentioned they would ET until 0800 s/on. Back to Millbrae, farthest DX'er, Bill Block, Portland, OR. Other from a distance, Grant Manning w/YL (nice, Grant); John Clements, N. Hollywood; DEE Riverside, and Greg Walls, Riverside. ANARC's Dave Browne did come up, but landed in local hospital Fri nite. Get well soon, Dave. Much DX to be heard all through the Summer, great time for the Latins. So come on, DX up a storm, and keep those cards and letters coming gang. TIOS 825 noted 6/1, new country #35. Special txn to NRC's Charles Wolff for all the hard work he put into the NORCAL Gabfest. Next deadline in Castro Valley, JUNE 25. 73 & good DX!

Rays of Justice

by C. Sterling Gleason



Radio News for November, 1928

It was a tense moment for the thousands gathered there in the great bowl of the Coliseum—those thousands of intrepid film fans who had risked cramped fenders, crushed hats, comfort, and almost life itself, simply to gain a glimpse of that great man who is not only the chief idol of the film fans of the world, but a far-famed philanthropist as well. It was an equally interesting moment for millions of happy families everywhere, who, through the agency of television, were seeing with equal clearness from the privacy of their own homes every detail in the spectacle which was taking place in Los Angeles' great amphitheater. The palpitating hearts of countless devoted film fans throbed in unison to realize that the deep, vibrant, resonant chest tones issuing from the loud speaker were the voice of him whom a whole world idolizes as one of supreme daring, of unsurpassed generosity, and of a breadth, depth, and thickness of character that mark him as the biggest and best film hero in the industry. The eyes and ears of the whole world were turned toward

that little platform in the blaze of a hundred spotlights, where Harold Dare, Flicker Films' famous favorite, was concluding the few well-chosen remarks with which he was bestowing upon Southern California a boon for which generations to come would ever bless his name.

"To you, Mr. Mayor, as representing the people of the Southland, I present this key—the key to progress, the key to prosperity, the key to that great future which shall be Southern California's. May this be merely the beginning of a long advance, onward and upward, bigger and better, toward that world supremacy which is the goal of every true booster. Here is power, Mr. Mayor. May it ever be used for the greatest good to the greatest number."

Amid a thunder of applause, the Mayor took the little gold key and held it up before the eye of the television that all the millions in that vast outside audience might see. In a long eulogy of fulsome tribute, he traced for his audience the progress of Harold Dare's activities in this latest manifestation of the great screen star's boundless benevolence and whole-souled public

spirit. He told how Harold Dare, ever watchful of the public welfare, ever leading in everything that was bigger and better, had realized that Southern California faced a future power famine if means of expansion were not provided; how he had initiated and backed the movement for a great public-owned power system; how at every step he had been hampered by the insidious machinations of a certain power corporation, which saw in this project dangerous competition; and how, even after an overwhelming majority at the polls had demonstrated the public's confidence in the project, material had mysteriously disappeared from the site, important shipments had been unaccountably delayed or sidetracked, and a host of sinister occurrences had demonstrated powerful influences at work to undermine the screen star's great work of public beneficence. But that same indomitable courage and unswerving devotion to the public weal that have made Harold Dare the outstanding world figure that he is, had ever sustained him through all these crises and carried him onward and upward to his goal. Success was his at last! This key, when turned in the little lock on the control panel before the speaker's table, would send out an electrical impulse over many miles of copper wire, through the city and across desert wastes, over plain and mountain, to a structure of concrete and steel located among the desolate, rugged fastnesses of the high Sierras. Here, at the head of a great blue lake fed from the melting snows, tons of water held chained by man's masterful mind would be released to do his bidding. Down from the great turbines whirled by the enslaved giant would course a eartarnet of power, of electrical energy which, guided by three tiny threads of copper slung across gorge and river, would speed the wheels of industry to an activity heretofore undreamed.

"To you, Mr. Dare," concluded the Mayor, in a final burst of eloquence, with a sweeping gesture which summed up all the admiration, respect, and gratitude due so great a public benefactor, "Southern California owes a debt it can never repay!

"On behalf of the citizens of the City of Los Angeles and of all Southern California as well, I accept this key; to their benefit, and that of posterity, I hereby dedicate the new Wolf Creek power line."

He inserted the little gold key in the lock switch. A buzzer sounded; all the lights winked out, except a single brilliant spotlight trained upon the speaker's platform; upon three monitoring television screens suddenly appeared a vista of huge dynamos against a background of switch-studded panels jewelled with control lights; and in the loud speakers rose an ascending whine as tons of water, surging through the great turbines, whirled the mighty generators faster and faster.

before the synchronization had been perfected; the ultimate success was indeed an engineering triumph.

Suddenly Harold Dare, bowing and acknowledging with matchless ease the tremendous clamor of applause of that enormous audience, sensed that something was wrong. He turned—and stood transfixed. The applause of thousands suddenly died; the smile of the Mayor faded from his face; for the silver screen of the television flickered and was dark.

For a few endless seconds, Harold Dare and the Mayor stared, amazed, aghast, incredulous. An operator hurried over from the control box and spoke a few words in a low voice. The Mayor gasped and pushed; but dauntless Harold Dare stepped calmly to the front and addressed the puzzled audience.

"Friends, there is no use in keeping the truth from you. The Wolf Creek line is dead."

A murmur of amazement, mingled with indignation, swept the great gathering. Harold Dare raised his hand for silence.

"Friends, before you judge or blame, let me tell you a few facts about the construction of the Wolf Creek line. The wires are run in duplicate—two complete sets upon each tower. If an insulator should fail, or a wire break, the other circuit would still maintain service. There is not one chance in a million that both lines should fail at the same moment—and of all moments, the very moment when failure would mean the greatest personal blow possible, a spectacular debacle calculated to shake the confidence of the public in this project and turn the admiration of the world to ridicule. Let me remind you, ladies and gentlemen, that although this line, strung from sturdy towers founded upon eternal rock, is made to withstand the ravages of the centuries, a single blast of dynamite might easily send one massive tower toppling into a ravine, doing damage it would take days to repair. As you all know, there are forces bitterly opposing this great project; they could have chosen no better time to strike than now. No apology I could make would suffice; yet I promise you that I shall not sleep nor rest until the fiendish perpetrator of this crime against humanity is brought to justice!"

The ovation these words received was tremendous. The thousands went forth with the warmest sympathy for the heroic stand of their great friend and protector. Not a woman but sighed a little in admiration for this fearless hero who thus smiled coolly in the very face of disaster; not a man but clenched his fist and protruded his jaw with just indignation toward the unprincipled persecutors of the public's dauntless champion.

Who might be behind these dark and devious deeds? One name was whispered about with steadily growing persistency. Remembering the countless similar outrages perpetrated in the past by the monster, the public intuitively suspected Dandy Diavolo, that arch super-villain of the Flicker Films, who had ever pursued Dare with increasing relentlessness through the superlative Flicker Films, and in real life as well. Dare himself did not doubt that his arch-enemy was behind this plot, but his detectives were unable to find any trace of the villain, who had left for parts unknown to spend a short vacation between pictures.

At two o'clock the next afternoon came news that rocked all Southern California. The trouble in the Wolf Creek line had been located. Three insulators of the six on a single tower located on the edge of a cliff above a deep valley had shattered, allowing the wires to fall and short-circuit both lines. Working in continuous shifts, repairmen replaced the insulators in a few hours.

The new insulator had lasted barely ten minutes. The startled linemen had scarcely gathered up their tools when a terrific arc rent the air. One huge insulator, then a second, shattered into a thousand pieces, as if struck by a giant's hammer. Two long cables swung together and were welded into one; then as the intense heat melted the stranded copper, the severed wires traced tattered shreds of flame as they slipped along the steel tower to the ground.

New insulators were rushed from the nearest supply station. Engineers hastened to the spot to make observations. While it was ostensibly their opinion that both insulators had developed flaws, possibly through strain while being hoisted to their position several hundred feet in the air, in their hearts was developing a fear that some error had been made in the design. The insulators used had been tested under conditions so much more severe than any met in practice that failure was unthinkable. Yet nothing seemed to stop the mad surge of half a million volts across this one apparent weak spot in the whole Wolf Creek line. Frankly, they were baffled.

Continued
on Page 54.

1975

June 14, 1975

ELECTIONS#elections#ELECTIONS#elections#ELECTIONS

That time of the year is here. First we begin with the nominees for the various club offices. These people serve for a two year period. Those people named below are those who have accepted their nomination. You will notice on your ballot that write-ins are permitted. Here we go! Kindly read their statements.

FOR PRESIDENT:- 6 nominated - 1 accepted

RICHARD C. EVANS P.O.Box 392 - New Buffalo, Michigan

Priorities during the next two years include a concerted effort to recruit new members in the club, plus restructuring and/or abolishing some of the committees and editorships. Immediate problems are a necessary dues increase, a probable change in the number of bulletins issued, and problems in SDPC created by FJP being transferred. The time problems which have created havoc here over the past two years have hopefully been licked, allowing me to be much more active than what I have been. Most of that problem was caused by a company which transferred me some seven months later than when they said they would, setting up a "I'm here today, where will I be tomorrow?" situation. On the personal side, I'm age 30, divorced, and work evenings as an office manager/rate clerk for a trucking company. Interests include management--basically operations, and finance--though, the latter to a lesser degree. I have just recently become a member of the American Management Associations. '73's..

FOR SECRETARY-TREASURER:- 3 nominated - 1 accepted.

H. JOHN CLEMENTS 11425 Albers St. #5 N. Hollywood, Cal.

No Campaign statement

FOR BOARD OF DIRECTORS:- 39 nominated - 18 accepted

JIM ALBRECHT:- (address misplaced)

Jim will discuss his qualifications in a future CEXF Column.

LARRY V. FLEGLE 1004 E. Powhattan Av. Tampa, Fla.

I have been nominated for your Board of Directors and I am seeking every member's vote. I have been connected with radio for the past 11 years. I have been an announcer, an antique radio collector and for the past 4 years a member of the IRCA. I have always tried to be active by contributing to all columns and I write "The Good Ole Days of Radio" articles. In June I will have a B.A. degree in broadcasting from the University of South Florida.

I pledge myself to you, the club member, to make the IRCA the best DX organization anywhere. Please vote! See you in Columbus. '73

ROBERT L. FOXWORTH GPO Box 2111 New York, New York

As a current member of the Board, you have had a chance to judge the work I have done on behalf of the IRCA. I have tried to act fairly and in the best interests of the club in my voting. I introduced the proposal allowing coverage of longwave broadcast material in IRCA. If I am re-elected to the BoD I hope there will be other legislation and proposals of interest to the MW DX'er that I can feel confident in voting for. Introducing myself, I am 33 and have been a MW DX'er for 18 years, and work in the broadcasting industry. I look forward to continued service to the IRCA, and hope that the membership will choose as their Directors whomever they feel will do the most for the club.

CHARLES GILL Box 84 Springville, New York

I feel that there have been past E.O.D. members that haven't been sympathetic to the problems of all of the members of our club. I am 44, disabled Vet., married and have one daughter. I have no limit as to the amount of time I spend listening to the membership's complaints and trying to solve the problems of our club. I believe all members should be treated the same, whether they be someone who joined the club as a hobby or a pro DX'er. I pledge to correspond by

letter or cassette tape with anyone who has a complaint or a problem in regards to our club. If you are tired of having "Yes Men" on the B.O.D. please give me your vote.

NANCY HARDY 2301 Pacific Av. Aberdeen, Washington

It is with pleasure that I accept the nomination to serve a second term on the IRCA Board of Directors. I've been a BCB DX'er for five and a half years and an IRCA member for over four. I'm very interested in all aspects of radio- from the inside operations of the radio station itself (I work at KBKW in Aberdeen) to listening to stations (BCB DX). IRCA club affairs have always been of interest to me- I've edited two regular DXM columns (I'm present WDXR editor), am currently serving on the Board, and have attended two IRCA Conventions to meet my fellow DX'ers. During my two years on the BOD, very few members have expressed opinions to me on matters coming up before the Board. I'd like to see more active participation of club members in Board decisions.

ROBERT KRAMER 3406 W. Pierce Chicago, Illinois

As an active member in IRCA I've decided to run for Board of Directors. In the past, many BoD members had long since gave up DXing, and stayed in the club just to retain their elective office. I can assure you that I wouldn't be that type of officer. I've been in IRCA for 4 1/2 years, and in my first 2 years as a member I had the most DXR reports of all reporters. I have also served on the CPC, New Member Welcoming Committee and the 1973 Hammond Convention Committee. I'm not trying to say that every member has to report to the various club sections, but I think that if a member chooses not to report to DXM, for his or her own reasons, should not run for office, and if they do they should be rejected in the elections by the members at large. If elected, I pledge to be independent, not the rubber stamp of the President that many past BoD members have been. The next 2 years are crucial for IRCA's survival. In recent times membership has been dropping rapidly and member apathy has caused a couple of DXM Sections to become almost nonexistent. If elected I will do my best to remedy these problems through responsible leadership, seeking the opinions of the membership on important issues, and creative BoD proposals. Don't forget to vote. 73

ALBERT S. LOBEL 247 N. 1st St. Apt.27 El Cajon, Cal.

I would like to take this opportunity to thank the person who nominated me for this position on the IRCA BoD. If elected I will serve in the best interests of all members of IRCA. For the past 5 years I have been active in IRCA in various ways. More recently, I have been a member of the SDPC for the past 2 years, the instigator and editor of the "Ad-visor" column, and a member of the IRCA Membership Committee. I have been a DX'er for the past 9 years. Please vote for me, Albert S. Lobel, for BoD for IRCA. I promise I'll represent you and make IRCA the greatest! My sincere thanks and appreciation for your vote.

GRANT MANNING (address misplaced)

For the past couple of years you've been reading what I've had lots to do with. Since IRCA has elected to have a BOD, putting me on it would simplify things within IRCA, and around HQ somewhat. I hope you vote accordingly for the other workers.

MIKE MITOCK 975 Osborn Av. Lorain, Ohio

I am pleased to accept the nomination to be a candidate for the IRCA Board of Directors. As way of an intro., I am 27, single, employed at National Gypsum Company in the warehouse of their Lorain gypsum board plant. I joined the IRCA in late 1964, and was a member thru 1968, then rejoined in 1973. In way of services to the club, I was active on the old Membership Committee circa 1965-67, and currently I'm serving as the EDXR editor. At this time I'm not going to make a lot of promises that can't be kept...I will say; however, that I will do everything possible to further BCB DXing and to interest new members in the hobby. If elected to the BoD, I will

work with the Board to the best interest of the club and the hobby, and will try to help the club by representing the membership as a whole. Thanks for any support I may receive, and be sure to vote'. Keep in mind, IRCA is #1!

PAUL R. MOUNT 471 Emerson Av. Teaneck, New Jersey

Throughout the years I have been in the IRCA, I have seen it continue to be the excellent club that it was when I joined. I have been a constant contributor to the DX Monitor. I have done CPC work and arranged the WMEC tests of this past season. I have corresponded with new DXers and have tried to help them in the hobby. I was a co-host of the 1974 ANARC Convention. As you can see, I have been quite active in DX affairs. I feel that these qualities make me a good candidate for the IRCA Board of Directors. As a member of the BoD, I will support proposals that will help IRCA to remain the excellent club it is. I feel that Longwave material should be allowed on a space available basis only. I will welcome suggestions from members regarding voting on club issues so that my vote will be representative of as much of the club as possible. I would appreciate your vote. 73 and good DX.

ALLEN W. OCRIZOVICH 3936 Sleepy Hollow Ln. Fort Wayne, Indiana

I'm running for a post on the Board of Directors. During my five years in IRCA I have been on the CPC and also a member of the New Member Welcoming Committee. Along with this experience in the club I have experience in the broadcast field, and have taken care of DX reports at the various stations I've worked. All of this added with my DX would make me a worthwhile member of the BoD.

FATHER JACK PEJZA (address misplaced)

All told I have been on the BoD for 4 years, two of them as Chairman. My name should be familiar enough to all, since I was DXWW editor for five years and Executive Editor of DX Monitor for the past two years. Even though a new job has forced me to step down as Editor, and most likely will curtail my activities with IRCA, I feel my experience will help me, if elected, to continue to make policies which I feel are in the best interest of IRCA. Following the policy I suggested in my Editorial of April 12 (pg.389), I will find some way of contributing to the club by way of an editorship or committee work, as far as my time will allow. The basic premise of that Editorial, I feel still holds true--those who are doing the work as editors, etc. should be the ones you should consider as your first choice for BoD Members.

BRUCE PORTZER 7021 Sand Point Way N.E. #215 Seattle, Washington

The direction we take in the next two years depends on all of us. At present we have both strengths and weaknesses. Our forum & roundup are far superior to the NRC's arrangement, but we fall behind them in CPC activities, technical articles, and handbooks. In addition, we could do a better job of serving the beginner as well as the advanced DXer. These are the sorts of things we should work on in the coming years. To achieve them will require energetic members working towards these goals and a BoD that is responsive to member's needs. A member for 9 years, I believe I have the experience required for a board member. I was DX Records editor 1968-74 and Questions and Answers editor 1973-74, hosted last year's convention, and am presently editor of DX Worldwide. As a board member I would base my decisions on the overall membership's needs and my own experience, with an eye towards making IRCA the best DX club possible.

RONALD F. SCHATZ (address misplaced)

My deep appreciation to whoever nominated me as candidate to the Board of Directors; I humbly accept the nomination. My association with foreign DX'ing, DXWW, cardioid arrays, etc., are not qualifications for holding the responsibility of Director. All that Directors officially do is vote on proposals presented to them, so all that counts is my potential voting record. I believe that club officers are fully responsible to the

membership for their actions and that they must answer to them for same. This is why I once fought hard but successfully to have our once secret set of financial statements appear annually in DX Monitor. I've been with IRCA longer than IRCA itself, so I'll be sticking around for a full term. I'm getting too old to make other than mature, unemotional decisions. Obviously, if elected to the BoD, I will vote for you.

BRIAN M. SCULLY 1301 Wardman Dr. Brea, Calif.

I am honored to have my name placed in nomination for the IRCA Board of Directors. The Constitution of the IRCA states that the purpose of the club is to "promote the hobby of radio listening on the AM Broadcast Band." Unfortunately, some members have either forgotten this purpose or overlooked it. I believe that it is the Board of Directors' duty to assist in carrying out this purpose. I believe that the Board of Directors should not be content with just making "everyday decisions." If I am elected to the BoD I shall do my best to revitalize the IRCA. I do not want to see the IRCA fall into a state of stagnation like other DX clubs. I cannot promise any miracles or overnight cures, but I can promise one thing....to do the best job I can, if elected.

G. M. STANBURY II Box 218 Crystal Beach Ontario Canada

I have been a DXer since 1951 and a professional writer starting in the late 50's. One of my recent articles, in the Australian ELECTRONICS TODAY INTERNATIONAL, details Pentagon technological involvement in International Broadcasting. My pet specialty is clandestine stations - the most famous of which is R. Americas (aka R. Swan), the Bay of Pigs station. This turned out to be primarily a military rather than a CIA operation (see Oct.74 PE). RA has now been reborn as R. Americas Libre, a series of programs sponsored by the American Security Council, headed by General Lyman Lemnitzer, chairman of the Joint Chiefs of Staff during the Bay of Pigs. This is the kind of monitoring that interests me. I am not interested in petty club politics, haggling over what constitutes a DX country, or inventing yet another new DX abbreviation.

FRANK WHEELER 6589 Wattsburg Rd. Erie, Pennsylvania

I am honored to think that I was nominated to run for the position of Board of Directors in the upcoming IRCA elections. I gladly accept. If I'm elected I shall try to do a good job. At present, I am one of the Vice-Presidents of the Newark News Radio Club.

JOHN ZONDLO 608 N. Martin Muncie, IN.

It's been my privilege to serve the IRCA as a member of the Board of Directors for the past two years. I ask your support in helping me retain this position on the Board. I see the next two years as a very important time for the IRCA. We're faced by such problems as diminishing membership and a hike in postal rates. I believe that my experience on the Board the past two years will enable me to make wise decisions on matters facing the club. There is no feasible way that we can avoid an increase in dues. I favor an increase of at least \$2 to the cost of membership. I'm of the opinion that we have too many different columns in the DXM. In my time as a BoD member, I have consistently voted against the establishment of new editorships. IRCA does not need a new column to make up every little detail of the hobby; it can easily be handled by an established column. In conclusion, I'm sure you'll see that the record shows that I've been an involved member of IRCA, a member that can help this club in the next two years.
-***-***-***-***-***-***-***-***-***-***-***-***-***-***-***-***-

Well that takes care of who is running for what. Vote for 7 for the Board of Directors
Select 1 (that is running for the office) for President
Select 1 (that is running for the office) for Secretary-Treasurer
Write-Ins are acceptable as long as they meet the requirements to hold office.
THE BALLOT IS ENCLOSED

TED VASILIOVICUS AWARD CANDIDATES

The following have been nominated to receive this award for their contributions to the hobby. Please select one and use the enclosed ballot.

BILL HARDY

For many fine special features - articles on events in the Broadcasting Industry and how they can affect DXing.

BRUCE HEIMBURGER

For many years of service as EDKF editor.

DONALD KASKLY

For revitalizing the concept of fellowship in the DXing hobby. The currently popular get-togethers groups from groups such as ERBA, which Don formed.

GRANT MANNING

For devoting many hours to the publication of DX MONITOR and donating space in his home for storing club supplies and publishing the club bulletin.

MIKE WORST

For unselfish service to the club since its beginning, as Countries List Chairman, Forum Editor, compiler of Broadcasting Information and convention host.

JOHN ZONDLO

For leadership in club activities as boardmember, ARARC Representative and convention host; for initiating the Graveyard DX Records column and for work done as CDXF Editor.

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That's it. All ballots are due here no later than AUGUST 1, 1975. BE SURE TO VOTE
GEORGE W. JENSEN
4604 ANNTIANA AVENUE
BALTIMORE, MARYLAND - 21206 Good luck to all!

WNOE

RE: Report
AM/FM 3-4 Dec 1974
11:44p.m. - 12:18 a.m.
529 BIENVILLE ST.
NEW ORLEANS, LA. 70130
(504)/529-1212

1060 50,000 WATTS 5,000 WATTS-NIGHT

Thank you for the reception report from
your area. The material you indicate
receiving is verified.

Regards

WNOE Engineering

1050 Montecito Drive Los Angeles 31, California

K R K D

AM

FM

We are pleased to verify your reported
reception.

Radio _____

Date December 27, 1966

Time 11:20 PM Freq _____

WBTH Print

Y. J. ...
73 H

446

 ** Special Features **

Editor: Bill Hardy
 2301 Pacific Ave.
 Aberdeen, WA, 98520

June 14, 1975

CBC LOW POWER RELAY TRANSMITTER (LPRT) LIST
 Compiled by Special Features Editor Bill Hardy

CBC ENGLISH NETWORK LIST

Compiled by Bill Hardy from information provided by the CBC: "List of CBC Broadcasting Stations" dated Feb. 5, 1975, corrected to Dec. 31, 1974; and "CBC Fact Sheet," listing CBC-owned and CBC-affiliated stations, dated Jan. 15, 1975. Special thanks to Bruce Portzer, whose original draft of CBC English-network stations, corrected to 9/1/73 and appearing in the 3/16/74 DXM, served as the basis of this list. Rather than starting from scratch to arrange the list in frequency order, I was able to check BP's original draft for additions and corrections. Thanks again to Bruce.

This list includes all full-power stations carrying all or some of the programming from the CBC English-language network. Additionally, three low-power (10-50 watts) CFB stations are included. CFB indicates a station at a Canadian Forces base operating for the benefit of base personnel. No LPRT's are included. LPRT's will be the subject of a future Special Feature. The list does not include FM stations. * indicates a station owned and operated by the CBC. All other stations are privately-owned stations that carry CBC English-network programs. Information from John Oldfield's articles on twins, as well as tips from IRCA and NRC bulletins, were used to help update this list. Additions or corrections should be sent to Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520.

- | | | | |
|------|----------------------------|------|--|
| 540 | *CBT Grand Falls, Nfld. | 1050 | CFGP Grande Prairie, Alta. |
| | *CBK Regina, Sask. | | CJIC Sault Ste. Marie, Ont. |
| 550 | CKPG Prince George, B.C. | | |
| 560 | CJKL Kirkland Lake, Ont. | 1070 | *CSA Moncton, N.B. |
| | CFOS Owen Sound, Ont. | | CHOK Sarnia, Ont. |
| 570 | *CFWH Whitehorse, Y.T. | 1110 | *CBD St. John, N.B. |
| 580 | CJFX Antigonish, N.S. | 1140 | *CBI Sydney, N.S. |
| 590 | CFTK Terrace, B.C. | 1150 | CKX Brandon, Man. |
| | CFAR Flin Flon, Man. | 1210 | *CFFB Frobisher Bay, N.W.T. |
| 600 | *CBNA St. Anthony, Nfld. | 1220 | CJOC Lethbridge, Alta. |
| | CFCT Tuktoyaktuk, N.W.T. | | CJRL Kenora, Ont. |
| | CKCL Truro, N.S. | 1230 | CKTK Kitimat, B.C. |
| | CFCH North Bay, Ont. | | *CHFC Ft. Churchill, Man. |
| 610 | CJAT Trail, B.C. | | CJTT New Liskeard, Ont. |
| | CHTM Thompson, Man. | 1240 | CFVR Abbotsford, B.C. |
| 630 | CKOV Kelowna, B.C. | | CKMK MacKenzie, B.C. |
| | CKAR Huntsville, Ont. | | CKOO Oliver-Osoyoos, B.C. |
| | CJET Smiths Falls, Ont. | | CJAV Port Alberni, B.C. |
| | CFCY Charlottetown, P.E.I. | | CJAR The Pas, Man. |
| 640 | *CBN St. John's, Nfld. | | CJNH Bancroft, Ont. (CP) |
| 680 | CKGB Timmins, Ont. | | CJCS Stratford, Ont. |
| 690 | *CBU Vancouver, B.C. | | CJWA Wawa, Ont. |
| 730 | CJNR Blind River, Ont. | 1270 | CHAT Medicine Hat, Alta. |
| 740 | *CBX Edmonton, Alta. | | CHWK Chilliwack, B.C. |
| | *CBNM Marystown, Nfld. | 1280 | CHQB Powell River, B.C. |
| | *CBL Toronto, Ont. | 1320 | CKEC New Glasgow, N.S. |
| 790 | CFAN Newcastle, N.B. | 1340 | CFKC Creston, B.C. |
| | CKSO Sudbury, Ont. | | CKGF Grand Forks, B.C. |
| 800 | CKOK Penticton, B.C. | | *CFGB Happy Valley, Nfld. |
| | CJBJ Bellefleur, Ont. | | *CFYK Yellowknife, N.W.T. |
| | CFOB Ft. Frances, Ont. | | CJLS Yarmouth, N.S. |
| | *CBQ Thunder Bay, Ont. | | CKNR Elliot Lake, Ont. |
| 860 | *CFPR Prince Rupert, B.C. | | CKAR-1 Parry Sound, Ont. |
| | *CHAK Inuvik, N.W.T. | | CFRM Moisie, Que. (CFB) |
| | *CBH Halifax, N.S. | | CKMA Mount Apica, Que. (CFB) |
| 900 | CJVI Victoria, B.C. | | CFOM Quebec, Que. |
| | CKTS Sherbrooke, Que. | | CKAD Middleton, N.S. |
| 910 | CFJC Kamloops, B.C. | 1350 | CHOV Pembroke, Ont. |
| | CKLY Lindsay, Ont. | | CKBC Bathurst, N.B. |
| | *CBO Ottawa, Ont. | 1360 | CKKC Nelson, B.C. |
| | (CP to 920) | 1390 | CKDY Digby, N.S. |
| 920 | CJQJ Woodstock, N.B. | 1420 | CFCP Courtenay, B.C. |
| | *CBO Ottawa, Ont. | 1440 | CKSP Summerland, B.C. |
| | (CP from 910) | 1450 | *CBG Gander, Nfld. |
| 940 | CJIB Vernon, B.C. | | CFAB Windsor, N.S. |
| | *CBM Montreal, Que. | | CFJR Brockville, Ont. |
| 950 | CKNB Campbellton, N.B. | | CJPR Blairmore, Alta. |
| 960 | CKWS Kingston, Ont. | 1490 | CFWB Campbell River, B.C. |
| 970 | *CBZ Fredericton, N.B. | | CFHG Holberg, B.C. (CFB) |
| 980 | CFPL London, Ont. | | CKGO Hope, B.C. |
| | CHEX Peterborough, Ont. | | CKEN Kentville, N.S. |
| 990 | *CBW Winnipeg, Man. | | *CBE Windsor, Ont. |
| | *CBY Corner Brook, Nfld. | 1550 | |
| 1000 | CKBW Bridgewater, N.S. | | |
| 1010 | *CBR Calgary, Alta. | (CP) | Construction Permit (for a new station unless noted) |

The following list gives all known LPRT's that bring fulltime CBC radio service into hundreds of Canadian communities.

Many thanks to Mike Worst, who loaned me the LPRT sections of his copy of "Information Canada," the only readily-available source of information as to which LPRT's relay which full-power CBC outlets.

The CBC's own "List of CBC Broadcasting Stations" was used as the main source of information for this list. The CBC list, dated 2/5/75 and accurate to 12/31/74, contained information on call letters, frequencies, communities, powers, and language used (English or French). The all-important information as to which CBC full-powered outlet was carried by the various LPRT's came from "Information Canada." Additional information came from Mike Worst.

In cases where the CBC list conflicted with the "Information Canada" information, comparison was made to the NRC Log. There were two instances, involving LPRT's on 860 and 1170 in Banff, Alberta, and Burns Lake, B.C., where there was three-way conflicting information! The CBC list put CBRB, Banff, on 860, and CBXB, Burns Lake, on 1170. "Information Canada" put CBRB, Banff, on 1170, relaying CBR-1010, and CBXB, Burns Lake, on 860, relaying CFPR-860. The NRC log has CBXB in Banff on 860 and CBRB in Burns Lake on 1170! Any light on this confusion will be appreciated by your Special Features Editor.

Place names of communities were often double-checked for accuracy in my Hammond Medallion World Atlas, provided the community was large enough to be listed therein.

The idea behind LPRT's is fairly simple. Much of Canada is located in the auroral zone, and during aurora, even 50-kw CBC outlets are not easily heard throughout an entire province. So the CBC has established low power relay transmitters (LPRT's) in remote communities without adequate fulltime or affiliated CBC outlets. Transmitters are usually located in Canadian railway stations. All CBC-owned LPRT's on the AM band have a power of 40 watts.

The number of LPRT's in a province depend on its needs. They vary from British Columbia, with 88 AM LPRT's plus a couple of FM's, to Saskatchewan with only one LPRT (and that one, interestingly, carries service from another province!). Individual stations have LPRT networks ranging from 73 for CBU-690, to several large and small stations with no known LPRT's.

It used to be thought that an LPRT's assigned call letters indicated the station it relayed. But a quick check of this list shows this is often not the case. With 26 letters in the alphabet, and one of those (T) reserved for the end of television calls (e.g. CBLT Toronto), if a station has more than 25 LPRT's, it will have to borrow unused calls from other provinces. For instance, CBU's 73 LPRT's have calls starting with CBD-, CBK-, CBR-, CBU-, CBW-, and CBX-. (It should be noted that CBU was called CBR until the early 1960's, so most CBR- calls are in use in B.C.) Similarly, since CBK-540 has no known LPRT's, the CBK- calls are used in Manitoba, Alberta, British Columbia, and for a TV relay in the Yukon. This list will provide you with the information you want about which stations are relayed by the various LPRT's.

While LPRT's usually carry ID's of the mother station (and no separate ID's of their own, since LPRT's are unattended), there are times when the LPRT's are not 100% parallel to the mother station. For instance, in British Columbia, the CBC feeds the short vignette "Focus" features to CBC-affiliated stations in a special closed-circuit feed at 12:15 a.m. PLT nightly; privately-owned CBC affiliates then tape this feed and use the features as "drop-ins" during their own local morning programs the next day. CBU-690 runs separate programming from the end of the weather summary until 12:59:30 a.m. PLT, when it gives a sign-off for CBU and mentions the various relays around the province (without signing off all 73 by name, of course). Since the LPRT's are wired into the CBC-Vancouver feed, they carry the "Focus" feed nightly for a half-hour or so, then carry "fill music" until 12:59:30 sign-off time. The "Focus" feed on the LPRT's can be heard in Aberdeen (my location) Monday mornings on 740 (after KOBS and CBX go off) and on 860 (with XEMO and KTRB nulled), what with 9 CBU LPRT's on 740 and 18 CBU LPRT's on 860 providing quite a multiplying effect to the 40 watts each!

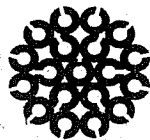
If one LPRT is listed on a given frequency carrying a given mother station, and an ID is heard for the mother (assuming CBC hasn't popped another new LPRT on the same channel) on that frequency, you can usually assume you've heard that LPRT. The CBC will usually not verify LPRT receptions, because there are so many LPRT's on most frequencies that it is difficult to establish proof of which one you've received. Unless you hear an actual ID, don't jump to conclusions, as oftentimes CBC affiliates in

The companion list to this one, listing the CBC French-language network, appeared on p. 422 of the 5/10/75 DXM.

a given area may be carrying the same program at the same time, just like affiliates of any U.S. network may. Thus, checking for parallels on a full-power CBC station may not be conclusive.

This list is arranged by station relayed, more-or-less geographically (east to west). // means "parallel to." (E) indicates English programming, while (F) indicates French programming. Under each station relayed, the LPRT's are arranged by frequency. Where there is more than one LPRT relaying the same station on the same frequency, the stations are then arranged by province (e.g. Manitoba before Ontario), and alphabetically by community within the same province - this is the same sequence used by the NRC Log and by Broadcasting Yearbook for listing stations on the same frequency, so it should be helpful to the DXer to have the stations arranged this way.

All CBC-owned LPRT's have a power of 40 watts each.
Corrected to December 31, 1974.



//CFGB-1340 Happy Valley, Nfld. (E)

CBNK-570 Cartwright, Nfld.
CBQA-610 Churchill Falls, Nfld.
CBDQ-610 Wabush, Nfld.
CBNN-1490 Hopedale, Nfld.

//CBT-540 Grand Falls, Nfld. (E)
CBNG-1090 Glovertown, Nfld.

//CBY-990 Corner Brook, Nfld. (E)

CBNI-600 Cow Head, Nfld.
CBNJ-740 Port Saunders, Nfld.
CBNB-740 St. Fintans, Nfld.
CBNF-740 Woody Point, Nfld.
CBNC-1190 Stephenville, Nfld.
CBNH-1340 Searstown, Nfld.
CBNE-1370 Port-aux-Basques, Nfld.
new-1400 Baie Verte, Nfld.
CBND-1450 Flower's Cove, Nfld.

//CBH-860 Halifax, N.S. (E)

CBAC-540 Barrington, N.S.
CBHD-740 Lockeport, N.S.
CBAP-1140 Shelburne, N.S.
CBAR-1190 Canso, N.S.
CBAZ-1230 Sheet Harbour, N.S.
CBAV-1240 Sable River, N.S.
CBAU-1370 Larry's River, N.S.

//CBAF-1300 Moncton, N.B. (F)

CBAH-580 Meteghan, N.S.
CBAS-600 Quinan, N.S.
CBHH-610 Arichat, N.S.
CBAK-990 Kedgwick, N.B.
CBAE-990 Digby, N.S.
CBAA-990 Wedgeport, N.S.
CBAL-1230 St. Quentin, N.B.
CBHF-1230 Belle Cote, N.S.
CBAJ-1230 Yarmouth, N.S.
CBAI-1320 Minto, N.B.
CBHG-1340 Pomquet, N.S.
CBHE-1380 Cheticamp, N.S.
CBAQ-1530 Rogersville, N.B.
CBAG-1550 Weymouth, N.S.

//CBF-690 Montreal, Que. (F)

CBFQ-710 Lac Edouard, Que.
CBFC-710 Senneterre, Que.
CBFW-990 Joutel, Que.
CBFB-990 Lac-Megantic, Que.
CBFI-990 Mont-Brun, Que.
CBFR-1140 Matagami, Que.
CBFF-1240 Parent, Que.
CBFM-1400 Lebel-sur-Quevillon, Que.

//CBM-940 Montreal, Que. (E)

CBMM-540 Senneterre, Que.
CBDN-570 Schefferville, Que.
CBML-570 Val-d'Or, Que.
CBMF-710 Chibougamau, Que.
CBME-990 La Tuque, Que.
CBMB-990 Port-Cartier, Que.
CBMI-1140 Baie-Comeau, Que.
CBMC-1190 Sept-iles, Que.
CBMH-1230 Gaspé, Que.
CBMK-1230 Lebel-sur-Quevillon, Que.
CBMN-1230 Malartic, Que.
CBMO-1240 Lac-Megantic, Que.
CBMD-1400 Chapais, Que.
CBMG-1400 Gagnon, Que.
CBMJ-1400 Murdochville, Que.
CBMA-1450 Noranda, Que.

//CBZ-970 Fredericton, N.B. (E)

CBAX-600 McAdam, N.B.
CBAW-740 St. George, N.B.
CBAD-990 Plaster Rock, N.B.
CBAO-990 St. Stephen, N.B.
CBAN-1140 Andover, N.B.
CBAB-1350 Grand Falls, N.B.
CBAM-1490 Edmundston, N.B.

//CBGA-1250 Matane, Que. (F)

CBGF-710 Fermont, Que.
CBGR-1130 Port-Menier, Que.
CBFJ-1140 Gagnon, Que.
CBDR-1230 Schefferville, Que.
CBDP-1240 Labrador City, Nfld.
CBFK-1270 Murdochville, Que.
(call might be CBGD)
CBGL-1290 Mingan, Que.
CBGO-1350 Aguanish, Que.
CBGE-1380 Gaspé, Que.
CBGJ-1380 Rivière Saint-Jean, Que.
CBGC-1420 Grande-Vallee, Que.
CBGM-1450 Havre Saint-Pierre, Que.
CBGP-1450 Natashquan, Que.
CBGG-1450 Sheldrake, Que.
CBGI-1490 Magpie, Que.
CBGH-1530 Rivière-au-Tonnerre, Que.
CBGQ-1550 La Romaine, Que.
CBGK-1550 Longue-Pointe-de-Mingan, Que.
CBGE-1550 Rivière-au-Renard, Que.

//CBJ-1580 Chicoutimi, Que. (F)

CBFF-540 Chibougamau, Que.
CBFA-1140 Chapais, Que.

//CBV-980 Quebec, Que. (F)

CBDZ-740 Churchill Falls, Nfld.
CBFU-990 Clova, Que.
CBFD-1140 St-Fabien-de-Panet, Que.
CBFS-1340 Sanmaur, Que.

//CBO-910 Ottawa, Ont. (E) (note: CBO has OP to move to 920 kHz)

CBLI-1110 Deep River, Ont.
CBON-1230 Maniwaki, Que.
CBEQ-1340 Barry's Bay, Ont.

//CBOF-1250 Ottawa, Ont. (F)

CBEP-730 Deep River, Ont.
CBFL-990 Maniwaki, Que.
CBOE-1090 Mattawa, Ont.
CBEK-1240 Petawawa, Ont.
CBOB-1400 Rolphont, Ont.

//CBL-740 Toronto, Ont. (E)

CBEN-540 Mindemoya, Ont.
CBLV-600 Bancroft, Ont.
CBLC-1090 Chapleau, Ont.
CBEC-1090 Elliot Lake, Ont.
CBOK-1090 Kapuskasing, Ont.
CBOD-1230 Maynooth, Ont.
CBEO-1230 Rolphont, Ont.
CBEZ-1240 Britt, Ont.
CBLO-1240 Mattawa, Ont.
CBEY-1340 Moosonee, Ont.
CBEU-1340 Timagami, Ont.
CBEW-1400 Fraserdale, Ont.
CBLV-1400 Haliburton, Ont.
CBLZ-1400 Hearst, Ont.
CBED-1400 Spanish, Ont.
CBLJ-1440 Wawa, Ont.
CBLF-1450 Foleyet, Ont.
CBLV-1450 Latchford, Ont.

//CJBC-860 Toronto, Ont. (F)

CBEX-540 Dubreuilville, Ont.
CBLU-540 Smooth Rock Falls, Ont.
CBOJ-900 Geraldton, Ont.
CBEI-990 Bonfield, Ont.
CBEM-990 Espanola, Ont.
CBEJ-1010 Blind River, Ont.
CBLK-1090 Kirkland Lake, Ont.
CBOA-1090 Wawa, Ont.
CBLX-1110 Hearst, Ont.
CBEV-1110 Matachewan, Ont.
CBER-1340 Chapleau, Ont.
CBOG-1360 Verner, Ont.
CBEE-1400 Sturgeon Falls, Ont.
CBEG-1440 Elliot Lake, Ont.
CBOH-1440 Field, Ont.

//CBQ-800 Thunder Bay, Ont. (E)

CBLG-730 Geraldton, Ont.
CBEB-1010 Manitowadge, Ont.
CBLR-1010 Red Rock, Ont.
CBEH-1010 Terrace Bay, Ont.
CBLW-1010 White River, Ont.
CBLM-1090 Marathon, Ont.
CBLE-1240 Beardmore, Ont.
CBLN-1240 Nakina, Ont.
CBLH-1340 Hornepayne, Ont.
CBLB-1340 Schreiber, Ont.
CBLI-1400 Longlac, Ont.

//CBW-990 Winnipeg, Man. (E)

CBDE-690 Pukatawagan, Man.
CBWB-690 Wabowden, Man.
CBOI-690 Ear Falls, Ont.
CBES-690 Ignace, Ont.
CBDU-860 Lynn Lake, Man.
CBLD-1010 Dryden, Ont.
CBEA-1010 Red Lake, Ont.
CBLS-1240 Sioux Lookout, Ont.
CBWG-1400 Gillam, Man.
CBLA-1490 Atikokan, Ont.
CBEL-1510 Vermilion Bay, Ont.

//CKSB-1050 St. Boniface, Man. (F)

CBXF-860 Ste. Rose du Lac, Man.
CBKB-860 St. Lazare, Man.

//CBX-740 Edmonton, Alta. (E)

CBXJ-860 Jasper, Alta.
CBKD-1230 High Level, Alta.
CBXX-1240 Rainbow Lake, Alta.
CBXD-1340 Edson, Alta.
CBWI-1450 Grande Cache, Alta.
CBXI-1450 Hinton, Alta.
CBKF-1450 Waterways, Alta.
CBKC-1460 Fort Vermillion, Alta.

//CHF-680 Edmonton, Alta. (F)

CBXY-1490 Falher, Alta.

//CBR-1010 Calgary, Alta. (E)

CBRE-860 Banff, Alta. (note: CBRB might be on 1170)
CBXL-860 Blairmore, Alta.
CBXC-1450 Coleman, Alta.

//CBU-690 Vancouver, B.C. (E)

CBKO-540 Coal Harbour, B.C.
CBXQ-540 Ucluelet, B.C.
CBRZ-630 Bralorne, B.C.
CBRW-630 Port Hardy, B.C.
CBKU-630 Sayward, B.C.
CBXZ-630 Tofino, B.C.
CBRF-730 Fernie, B.C.
CBUA-730 Oliver, B.C.
CBRM-740 Creston, B.C.
CBKJ-740 Gold River, B.C.
CBRO-740 Greenwood, B.C.
CBKW-740 Jaffray, B.C.
CBUI-740 New Denver, B.C.
CBRN-740 North Bend, B.C.
CBKR-740 Parson, B.C.
CBRQ-740 Quesnel, B.C.
CBUN-740 Salmo, B.C.
CBRT-860 Ashcroft, B.C.
CBUH-860 Chase, B.C.
CBKZ-860 Clearwater, B.C.
CBRR-860 Cranbrook, B.C.
CBXW-860 Edgewood, B.C.
CBRD-860 Field, B.C.
CBRJ-860 Grand Forks, B.C.
CBUE-860 Hope, B.C.
CBUG-860 Kaslo, B.C.

CBUQ-860 Lake Windermere, B.C.
 CBUL-860 Lillooet, B.C.
 CBXM-860 McBride, B.C.
 CBUP-860 Merritt, B.C.
 CBRP-860 Princeton, B.C.
 CBRA-860 Revelstoke, B.C.
 CBUC-860 Salmon Arm, B.C.
 CBUS-860 Slocan City, B.C.
 CBUL-860 Williams Lake, B.C.
 CBWD-900 Donald, B.C.
 CBRK-900 Kimberley, B.C.
 CBUM-900 Nakusp, B.C.
 CBUB-900 Osoyoos, B.C.
 CBUC-900 Procter, B.C.
 CBKV-900 Radium Hot Springs, B.C.
 CBWF-920 Mackenzie, B.C.
 CBXU-940 Hudson Hope, B.C.
 CBUS-990 100 Mile House, B.C.
 CBUU-1070 Clinton, B.C.
 CBXV-1070 Portage Mountain, B.C.
 CBUD-1080 Castlegar, B.C.
 CBRI-1080 Christina Lake, B.C.
 CBRE-1080 Lytton, B.C.
 CBKX-1080 Sorrento, B.C.
 CBKM-1150 Blue River, B.C.
 CBKH-1150 Boss Mountain, B.C.
 CBXA-1150 Mica Dam, B.C.
 CBXS-1150 Midway, B.C.
 CBRG-1150 Prince George, B.C.
 CBWR-1150 Rogers Pass, B.C.
 CBUZ-1170 Chetwynd, B.C.
 CBUW-1170 Fort St. John, B.C.
 CBUX-1170 Port Alice, B.C.
 CBDA-1240 Fort Nelson, B.C.
 CBXE-1240 Golden, B.C.
 CBKX-1240 Pemberton, B.C.
 CBRV-1340 Alert Bay, B.C.
 CBUY-1340 Lac La Hache, B.C.
 CBXO-1340 Ocean Falls, B.C.
 CBKN-1340 Shalath, B.C.
 CBKY-1350 Keremos, B.C.
 CBRU-1350 Squamish, B.C.
 CBXP-1350 Tahsis, B.C.
 CBXN-1400 Natal, B.C.
 CBKS-1450 Cache Creek, B.C.
 CBXH-1450 Cooper Creek, B.C.
 CBKI-1450 Valemount, B.C.

//CFPR-860 Prince Rupert, B.C. (E)
 CBKK-650 Kitwanga, B.C.
 CBUK-740 Kitimat, B.C.
 CBRS-740 Smithers, B.C.
 CBKG-920 Granisle, B.C.
 CBRX-940 Fraser Lake, B.C.
 CBUV-1070 Fort St. James, B.C.
 CBKL-1150 Alice Arm, B.C.
 CBXB-1170 Burns Lake, B.C. (note:
 CBXB might be on 860)
 CBRH-1170 New Hazelton, B.C.
 CBRK-1170 Terrace, B.C.
 CBRV-1170 Vanderhoof, B.C.
 CBRU-1340 Houston, B.C.
 CBKA-1450 Stewart, B.C.

//CFYK-1340 Yellowknife, N.W.T. (E)
 CBDO-690 Fort Simpson, N.W.T.
 CBDI-860 Fort Smith, N.W.T.
 CBDV-880 Pine Point, N.W.T.
 CBDH-880 Uranium City, Sask.
 CBQE-920 Fort Good Hope, N.W.T.
 CBQI-920 Fort Norman, N.W.T.
 CBQD-1150 Fort Resolution, N.W.T.
 CBQB-1200 Rae, N.W.T.
 CBQC-1230 Fort Providence, N.W.T.
 CBQG-1280 Wrigley, N.W.T.
 CBKE-1450 Fort Chipewyan, Alta.
 CBDJ-1490 Hay River, N.W.T.

//CHAK-860 Inuvik, N.W.T. (E)
 CBQM-860 Fort McPherson, N.W.T.
 CBDW-990 Norman Wells, N.W.T.

//CFWH-570 Whitehorse, Y.T. (E)
 CBDE-560 Dawson, Y.T.
 CBDD-560 Elsa, Y.T.
 CBDM-690 Beaver Creek, Y.T.
 CBDF-860 Haines Junction, Y.T.
 CBDL-940 Destruction Bay, Y.T.
 CBDK-940 Teslin, Y.T.
 CBDX-970 Swift River, Y.T.
 CBQF-990 Carmacks, Y.T.
 CBDY-990 Clinton Creek, Y.T.
 CBDB-990 Watson Lake, Y.T.
 CBQK-1230 Faro, Y.T.
 CBDC-1230 Mayo, Y.T.
 CBDG-1340 Cassiar, B.C.

//CBUF-FM (97.7) Vancouver, B.C. (F)
 CBWK-990 Terrace, B.C.

June 14, 1975

Relaying status unknown:
 CBQR-1160 Rankin Inlet, N.W.T.
 (English - unknown which station
 it relays)
 CBOL-1450 Armstrong, Ont.
 (English, 40 watts, per CBC - but
 NRC Log lists it as 50-watt CFS
 station with call letters CFAO1)

Additional information from Mike Worst:
 Private LPRT's:

//CJCI-620 Prince George, B.C.
 new-1450 Fraser Lake, B.C. (50 w)
 new-1480 Fort St. James, B.C. (50 w)

//CFBY-1230 Smithers, B.C.
 new-1450 Houston, B.C. (50 w)
 new-1480 Granisle, B.C. (50 w)
 new-1490 New Hazelton, B.C. (50 w)

Local low-powered station:
 new-1490 Cambridge Bay, N.W.T. (5 watts)

Additional new stations:
 new-1230 Fort Franklin, N.W.T. (40 w)
 English, local - might be CBC.
 new-990 Ross River, Y.T. (40 w)
 English - probably CBC.

Many thanks to Mike Worst and the CBC
 for providing the information used in this
 article. Rearranging a bunch of LPRT's in
 frequency order is time-consuming!

Would anyone like to see this same LPRT
 info arranged in any other order - such as
 a master list, showing all LPRT's in frequenc
 order, indicating location and station
 relayed? If so, just write to me, Bill Hardy
 2301 Pacific Ave., Aberdeen, WA, 98520, and
 indicate how you'd like to see it done. Any
 additions or corrections to this list are
 also more than welcome.

the AD-VISOR

247 N. FIRST ST., APT. 27
EL CAJON

ALBERT S. LOBEL, Editor
 HOTLINE: (714) 440-2544 (It's two phones on one line)

WATCH FOR CHANGE OF ADDRESS IN THE FUTURE ISSUES!!! NO
 NEW INFO. ON YOUR EDITOR MOVING AT THIS TIME, WILL ADVISE!!

SALE!

Galaxy R-1530 communications receiver. Brand new! PRICE:
 \$950 plus freight. (MGW)

Two transistor antenna amplifier. Can be used on most any
 loop antenna. Needs some work, no schematic is included.
 PRICE: \$3.25. Includes shipment ~~to~~ in the U.S.; add 50¢
 for shipment to Canada (no checks please!). (ASL)

WHERE BUYERS SELLERS OR HERE SELLERS MEETS BUYER

(MGW) Michael G. Worst, 4618 Fremont N. # 104, Seattle
 WA 98103.

(ASL) Ye Editor!!!

THAT'S ALL FOLKS! RATHER SHORT THIS WEEK; LET'S SEE A BIG
 AD-VISOR COLUMN NEXT TIME! A WHOLE PAGE IN DXM, PERHAPS?!

Try 'ing
 in your
 car.


 AM Radio 1170

DISASTER DX'ING Contrary to popular opinion, your local TV
 weather man is good for something else
 besides cracking bad weather jokes. He can actually help you
 log some new stations. Since the severe weather season is
 now underway in the "Tornado Alley" of the American Midwest,
 a DXer needs all the help he can get due to the static
 produced by these thunderstorms.

By now I'm sure that you are wondering what a TV weather
 man knows about DXing. Probably not much in most cases, but
 he does know where severe storms are located. When a severe
 thunderstorm or tornado warning is in effect in an area,
 particularly a rural area, the local radio stations may come
 on the air with weather information. These stations can be
 daytimers, graveyarders using 1000 watts, or other stations
 using their daytime facilities (often nondirectional) to
 increase their coverage area and get the weather information
 out. I imagine you are probably getting the picture about
 now.

The procedure to follow might be one like this:

1. Watch your local TV weather report at 10 p.m. (11 p.m. if you wish). Listen for severe thunderstorm or tornado warnings. If the time of the warning falls after midnight you are really in luck.
2. Next get a map of the area involved and look for towns that have radio stations. This is easy with a VJ log or White's log.
3. Also look for stations around the northeast border of the warning area.
4. The only thing left to do is go out and hear these stations.

I have found this to be a good way to log some of my closest unheard stations.

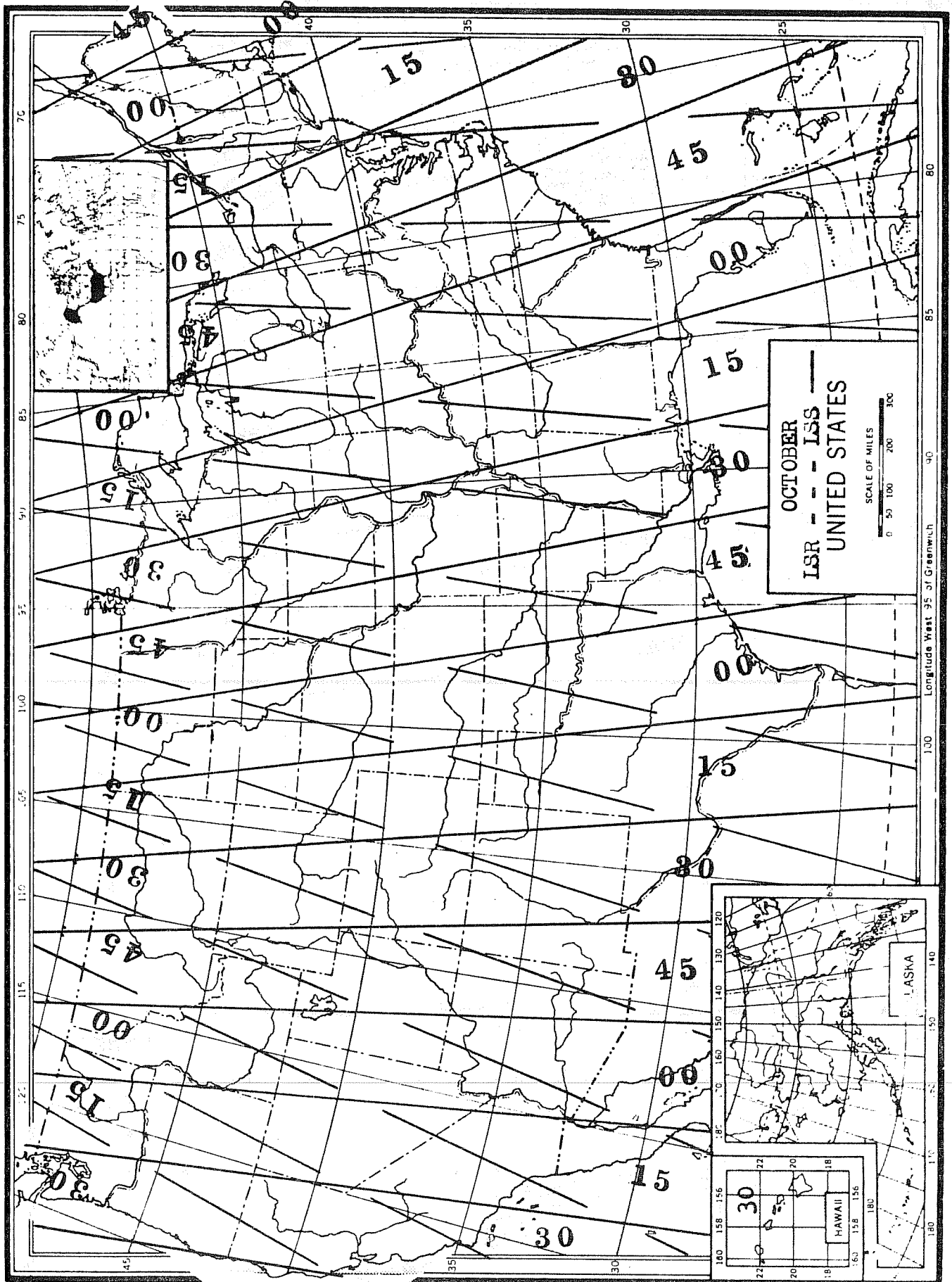
This method can be expanded to floods, hurricanes, earthquakes, or almost any local emergency or disaster.

I hope this article proves useful to the membership. Any comments, additions or suggestions would be appreciated.

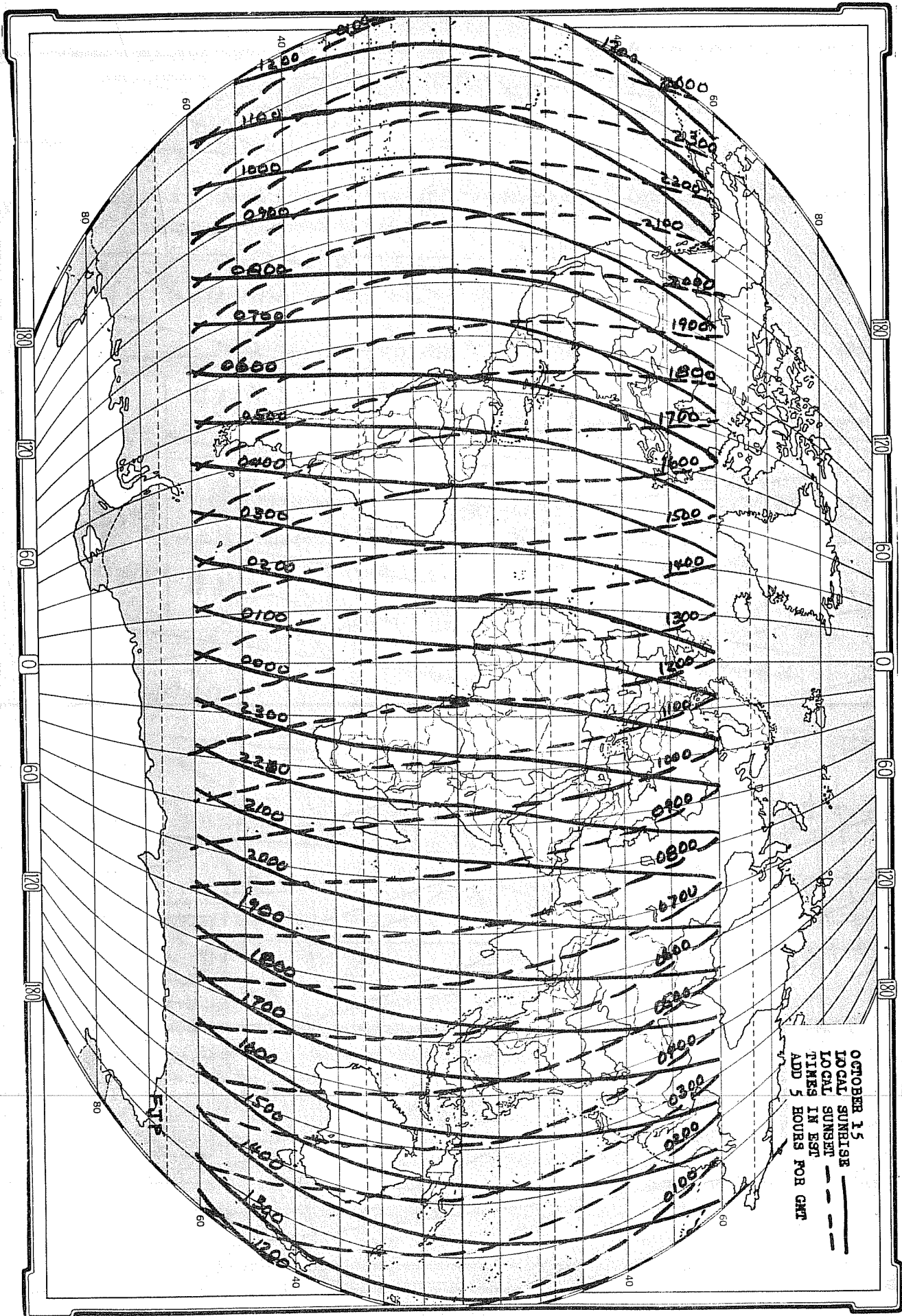
--Rob Keeney, 22-12 Stouffer Place, Lawrence, KS, 66044

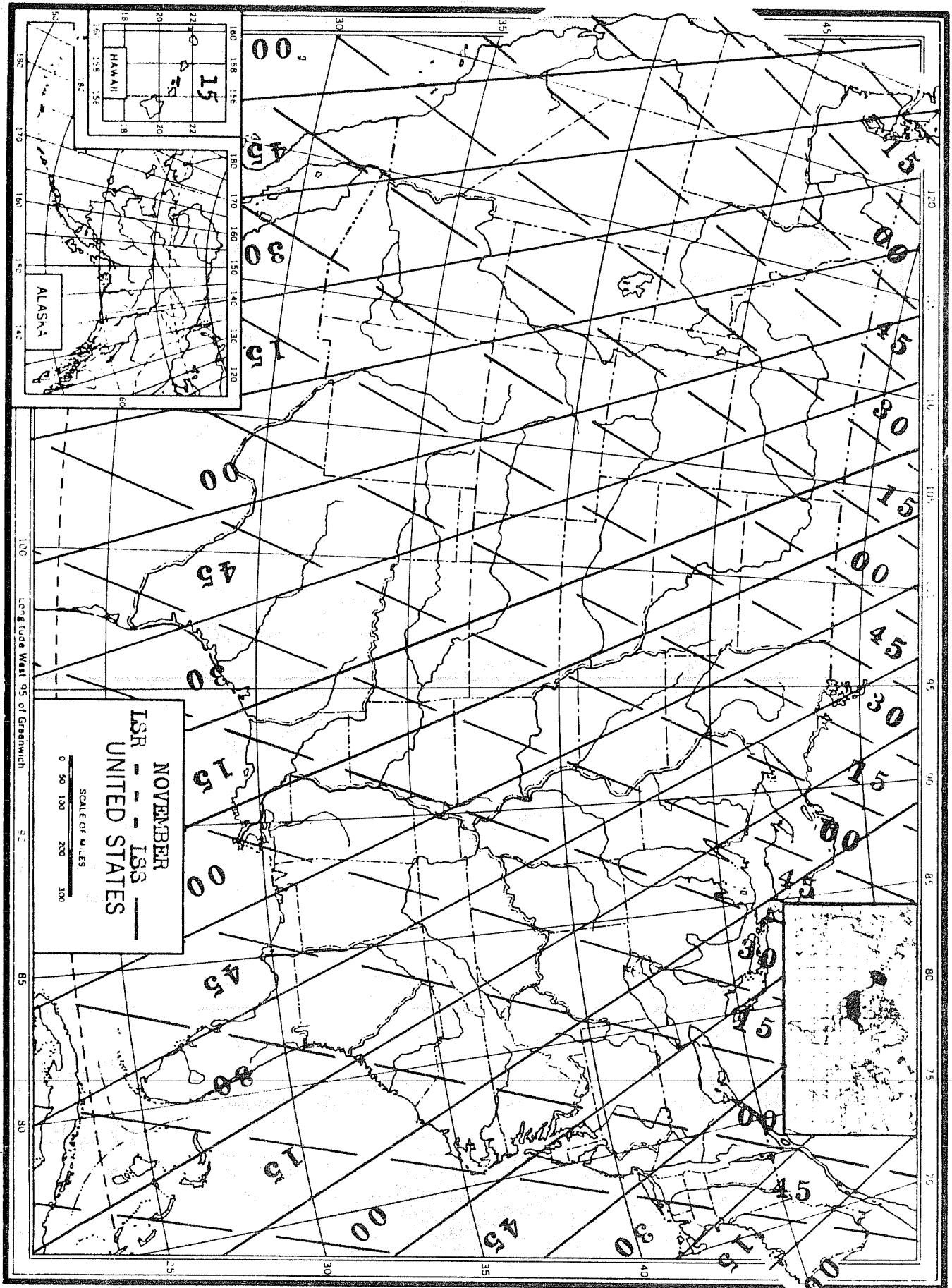
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| ENGLISH | ESPAÑOL | FRANÇAIS | PORTUGUÊS |
|---|--|---|---|
| January | enero | janvier | janeiro |
| February | febrero | février | fevereiro |
| March | marzo | mars | março |
| April | abril | avril | abril |
| May | mayo | mai | maio |
| June | junio | juin | junho |
| July | julio | juillet | julho |
| August | agosto | août | agosto |
| September | septiembre | septembre | setembro |
| October | octubre | octobre | outubro |
| November | noviembre | novembre | novembro |
| December | diciembre | décembre | dezembro |
| Sunday | domingo | dimanche | domingo |
| Monday | lunes | lundi | segunda-feira |
| Tuesday | martes | mardi | terça-feira |
| Wednesday | miércoles | mercredi | quarta-feira |
| Thursday | jueves | jeudi | quinta-feira |
| Friday | viernes | vendredi | sexta-feira |
| Saturday | sábado | samedi | sábado |
| Manager | gerente | le Gérant | gerente |
| Program Director | jefe de programas | le Directeur de Programmes | chefe de programação |
| announcer | locutor | le speaker (m); la speakerine (f) | locutor, anunciador |
| program schedule | resumen de programas | résumé de programmes | resumo de programas |
| light music | música ligera | la musique légère | música ligeira |
| instrumental music | música instrumental | la musique instrumentale | música instrumental |
| religious music | música religiosa | la musique religieuse | música religiosa |
| choral music | música coral | la musique chorale | música de um coro |
| classical music | música clásica | la musique classique | música clássica |
| march music | música de marcha | une marche | música de marcha |
| symphony | sinfonía | une symphonie | música sinfónica |
| national anthem | Himno Nacional | L'Hymne National | hino nacional |
| mass | misa | la messe | missa |
| dance music | música bailable | la musique de la danse | música de dança |
| folk music | música folklórica | la musique folklorique | música folclórica |
| drama | radioteatro | radio-théâtre | representação teatral |
| political program | programa político | un programme politique | programa político |
| sports program | programa deportivo | un programme de sport | programa desportivo |
| phonograph records | discos | les disques | discos |
| time check | señal horaria | l'annonce de l'heure | a hora certa |
| party | fiesta | la fête | fiesta |
| applause | aplausos | les applaudissements | aplausos |
| laughter | risas | le rire | riso |
| gong | gong | un gong | gongo |
| chimes | ritmo de campanas | les carillons | carrilhão |
| tone | tono | un ton | tom |
| microphone | micrófono | le micro | o microfone |
| control board | mesa de control | le bureau des contrôles | mesa de controle |
| radio station | radiodifusora; emisora | le poste-émetteur | estação |
| reception report | informe de recepción | le rapport de réception | informe de recepção |
| (singing) commercial for ... | aviso comercial (cantado) de ... | avertissement chantant pour ... | propaganda (cantada) para ... |
| vocal song by a (man; woman) | canción vocal por (un hombre; una mujer) | une chanson vocale par (un homme; une femme) | canção por (um homem; uma mulher) |
| popular songs of the U.S.A. | cançiones populares de los EE.UU. | les chansons populaires des États-Unis | canções populares dos Estados Unidos |
| (world) newscast | noticiero (del mundo) | les nouvelles (du monde) | noticiário (do mundo) |
| weathercast | pronóstico del tiempo | la prévision météorologique | pronóstico do tempo |
| speech by a (man; woman) | discurso por (un hombre; una mujer) | un discours par (un homme; une femme) | discurso por (um homem; uma mulher) |
| election returns | programa de los resultados de las elecciones | un programme des résultats des élections | resultados eleitorais |
| sign-on | comienzo de transmisión | le commencement de l'émission | começo da transmissão |
| sign-off | fin de transmisión | fin de l'émission | fim da transmissão |
| station ID as ... | identificación de la emisora como ... | l'identification du poste-émetteur comme ... | identificação da estação como ... |
| chorus of (men; women; children) | coro de (hombres; mujeres; niños) | un chœur des (hommes; femmes; enfants) | côro de (homens; mulheres; crianças) |
| equipment test | transmisión de prueba | l'émission d'essais | transmissão de prova |
| open carrier (for 15 minutes) | onda no modulada (durante 15 minutos) | l'onde sans modulation (pour 15 minutes) | onda sem modulação (durante 15 minutos) |
| The carrier went off the air. | Cayó la onda. | La transmission de l'onde est terminée. | A onda deixou do ar. |
| The signal (faded in; faded out) | La señal (apareció; desapareció) | L'émission a (augmenté; diminué) | O sinal (apareceu; desapareceu) |
| The title of the record was ... | El título del disco fué ... | Le titre du disque était ... | O título do record foi ... |
| The singer's name was ... | El (la) cantante se llama ... | Le chanteur (la chanteuse) s'appelle ... | O nome do cantor (da cantora) foi ... |
| A man (spoke; said; mentioned...) | Un hombre (habló; dijo; mencionó) | Un homme a (parlé; dit; mentionné) | Um homem (falou; disse; mencionou) |
| I am not sure, but I believe it was ... | No estoy seguro, pero creo que fué ... | Je ne suis pas certain, mais je crois que c'était ... | Não tenho certeza, mas acho que foi ... |
| International Reply Coupon | Cupón Internacional de Estampillas | Un Coupon-Réponse International | Cupão Internacional de Estampilhas |
| air mail | correo aéreo | par avion | correio aéreo; via aérea |
| announcement | anuncio; aviso | l'annonce | anúncio |
| automobiles | automóviles | voitures | automóveis |
| Azores | | | Os Açores |
| beer | cerveza | la bière | cerveja |
| Brazil | El Brasil | Le Brésil | O Brasil |
| bulletin | boletín | le bulletin | boletim |
| card, postal | tarjeta postal | la carte postale | cartão postal |
| cigarettes | cigarros | la cigarette | cigarros |
| commentator | comentador | le commentateur | comentarista |
| coffee | café | café | café |
| devotional message | anuncio devocional | le message dévot | anúncio devocional |
| hymn | himno | le hymne | hino |

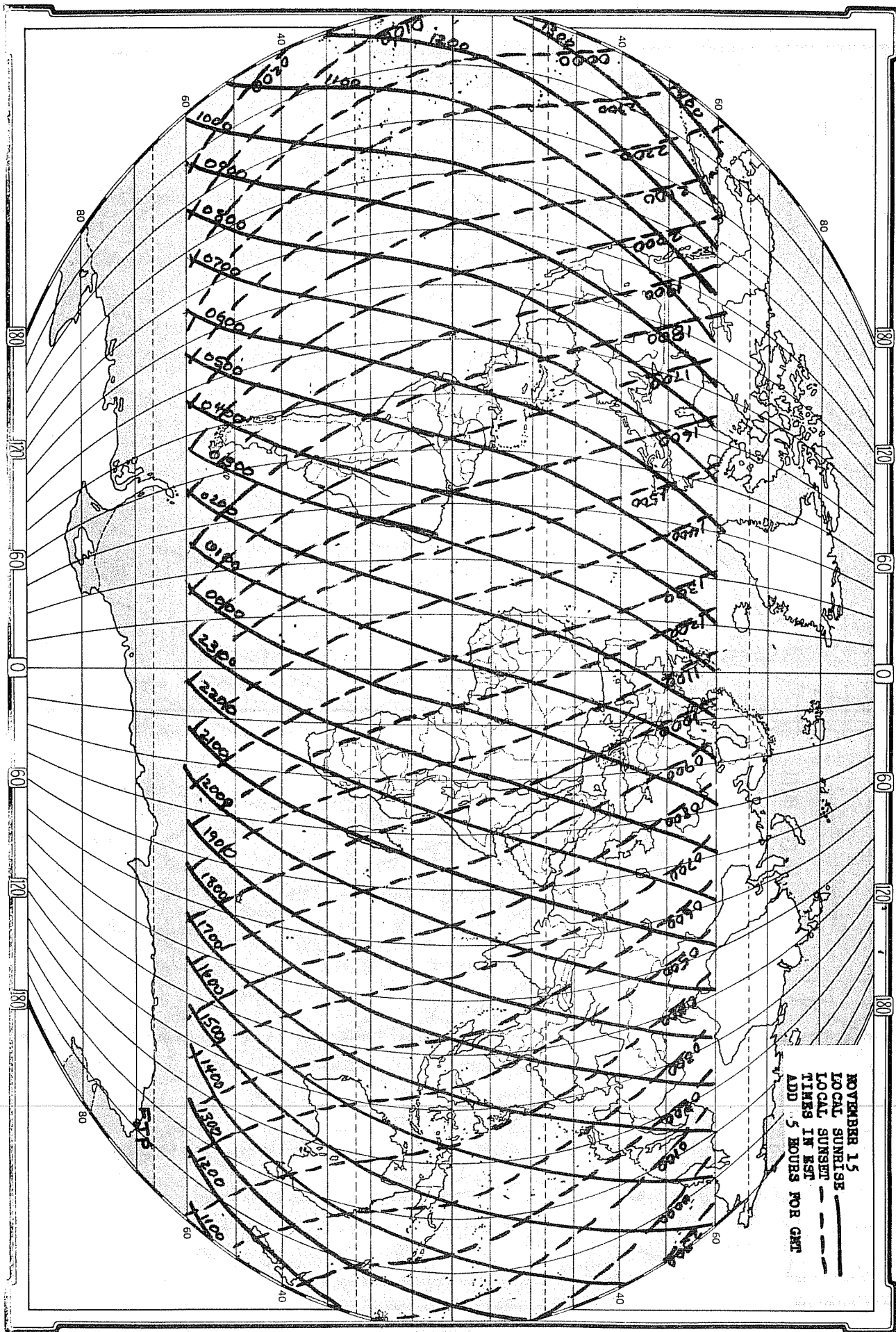


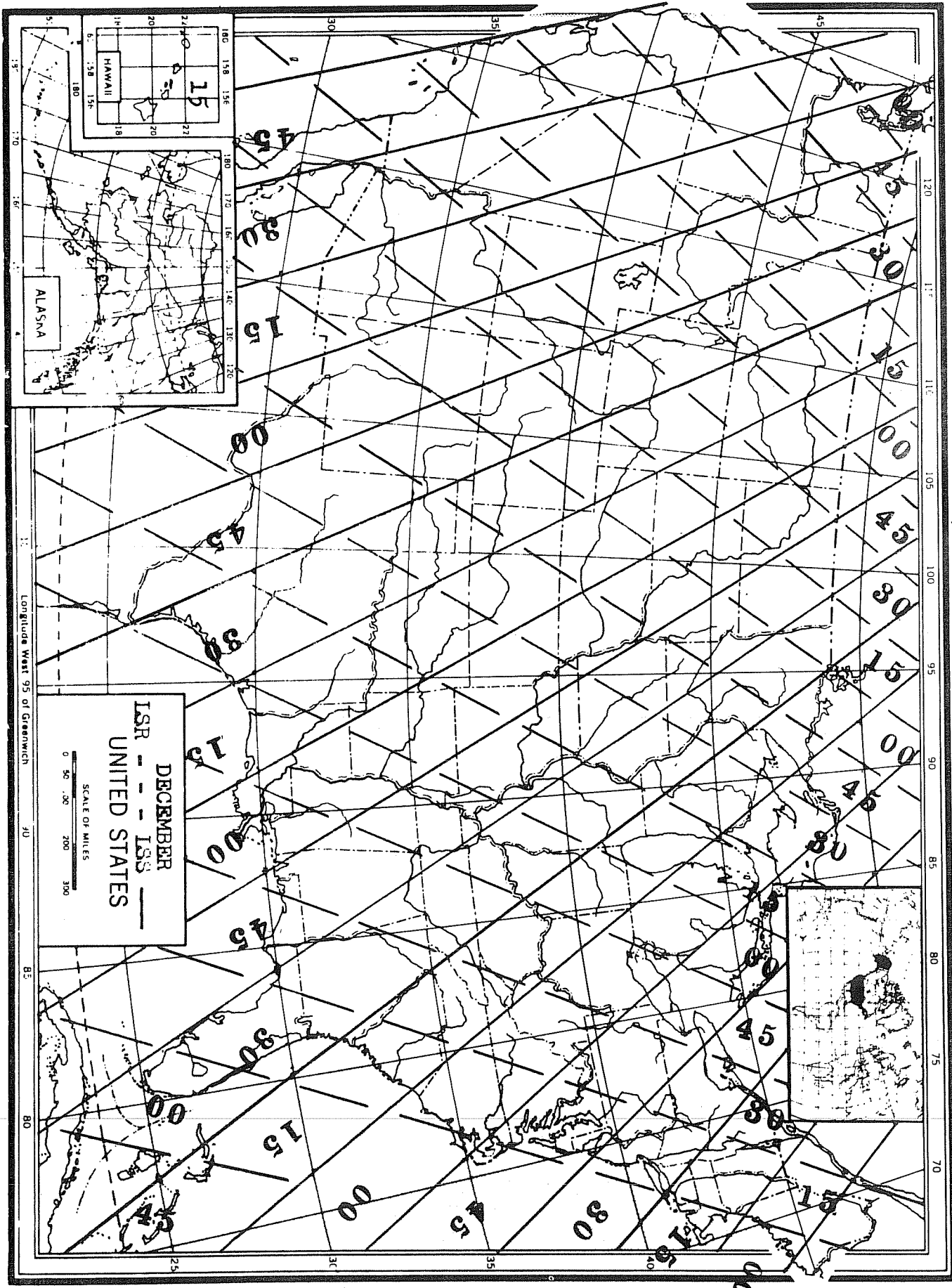
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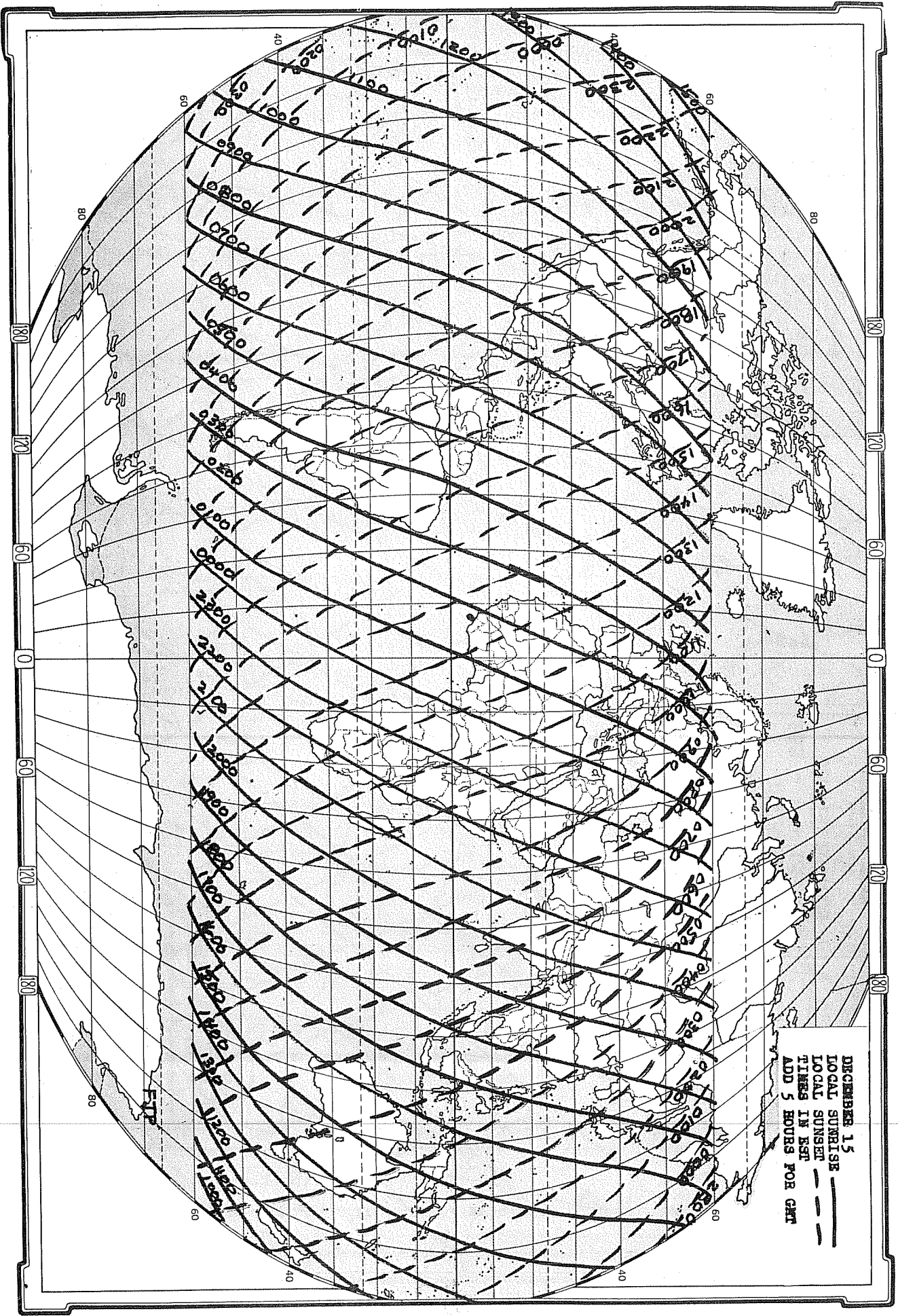




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DECEMBER 15
LOCAL SUNRISE ———
LOCAL SUNSET - - - -
TIMES IN EST
ADD 5 HOURS FOR GMT

New Technique Increases Radio, TV Signal Range by Factor of 20

June 14, 1975

MENLO PARK, CA — A new technique demonstrated by scientists at Stanford Research Institute has shown that the range of certain radio and television signals can be increased 20 times or more.

The researchers have shown that a temporary man-made bubble can be produced in the upper atmosphere or ionosphere which reflects such signals back to earth. This makes it possible to extend their range to a point 1000 miles or more from the originating transmitter. Normally these signals would pass right through the ionosphere and are limited to a range of about 50 miles along a direct line from transmitter to receiver.

The bubble is produced by heating the ionosphere with a beam of short-wave radio signals from a ground-based "heat transmitter." The heating is based on principles similar to those employed in microwave ovens.

The bubble is typically about 100 miles in diameter and 10 miles thick directly above the transmitter. The region can be photographed with an infrared camera. The actual reflectors in the bubble are electronic irregularities produced by heated electrons.

When the transmission is completed, the heating transmitter is turned off and the reflecting irregularities dis-

appear, leaving no pollution or ecological disruptions of any kind.

The scientists envision the biggest commercial application of the new technique as point-to-point communication of telephone, teletype, mobile radio, etc., especially in countries that lack modern communications.

500-kw Transmitter

The heating transmitter required to produce the communications bubble is a standard high-power (500 kW) short-

wave radio transmitter connected to a special antenna. Researchers note that the most economical way to obtain heating transmitters would be to convert existing short-wave broadcasting transmitters.

This research was part of a program sponsored by the Defense Department's Advanced Research Projects Agency through the Office of Naval Research. An international scientific meeting to be held in Lima, Peru this summer will consider the implications of this development.

Electronic Engineering Times — Monday, April 7, 1975
via Bruce Portzer



WORLD OF MUSIC
SERVING NORTHERN CALIFORNIA

The Knoxville News-Sentinel Sunday

Blues Fall Victim to Rock at WLAC

By ELIZABETH HARRIS
NASHVILLE (UPI) — Baby chicks, Bibles and the blues have made WLAC Radio a Southern tradition, but the mean sound of cotton field blues has fallen victim to the times.

For more than 30 years, a largely black rural audience in 20 states tuned in to WLAC-AM to hear such notables as Hoss Man, John R. and Big Hugh Baby play rhythm and blues and black gospel.

But the "mean, low blues" of Lightnin' Hopkins, Muddy Waters and their like have faded into the past and the station's 50,000-watt signal has begun blanketing the South with sounds by such groups as the Nitty Gritty Dirt Band.

"Radio is a medium of the young and sponsors know that," said WLAC General Manager Jim Ward. "Our daytime sound for the last year and a half has been rock, with the evenings reserved for R&B (rhythm and blues) and

gospel." Now the station has completed the changeover and Ward says "we'll have rock music from 5 a.m. until 1 a.m., with Hoss Allen hosting a few hours of gospel music in between. The days of R&B are over."

FEW LEFT WITH BLUES

Before the days of "soul music" and the increase in the number of black-owned stations, WLAC was flooded with mail orders for family Bibles (\$26.95, nothing down, six months to pay); 100 baby chicks for \$4.95; reconditioned work clothes and other items.

Ward said there are few radio stations left with a heavy blues segment and perhaps only 20 or 30 still rely on products sold over the air, called "PI's" in the trade, to drum up revenue.

"With PI's, the station gets paid a percentage of the retail value on every order that's mailed in," said Gene Nebles,

the announcer who innovated the late-night blues sound 30 years ago.

"Times were tough back then and the blues represented the troubles, poverty, aches and pains of the people."

Nebles said the demand for gospel reflected hard times. "Right after World War II, we couldn't play enough gospel music and it was the same after the Korean War," he said. "Three years ago, when Vietnam and the economy started to go bad, requests picked up."

'SOLD EVERYTHING'

Bibles are the station's most requested item said gravel-voiced Bill (Hoss) Allen. "But we've sold everything from 100 razor blades for \$1, to a \$5.95 watch, to work pants for \$1.98 a pair. In the 1950s, the age of the hot rod, we sold gutted mufflers, guaranteed to make a racket, for \$5.98."

Up until the early 1960s, many listeners thought Hoss

and other WLAC night announcers were black. "I've hung around black people a lot and can talk trash. So I fooled a lot of people," Allen said. "But our pictures have been on record albums and in catalogs, plus we make personal appearances, so people know we're white."

via Stephen Francis

And you think you've got your problems in verifying stations!

(Via Bruce Portzer)

FCC Denies Radio Permit To Rock City

An application for a broadcast license filed with the Federal Communications Commission by Rock City Broadcasting Inc., has been denied and a permit for construction of a transmitter cancelled.

In an order issued May 12, the FCC Review Board rescinded its earlier action in granting the subsidiary of Rock City Gardens Inc. approval to develop the station.

Failure by the firm to complete construction by September, 1974, as stipulated in the issuance of the license was cited by the FCC as its reason for the revocation.

Originally, Rock City Broadcasting, which would have operated under the call letters WGCA, was given until April, 1974, to complete construction on the planned station but received a six-month extension when it failed to complete construction by that date.

In June, 1974, the firm filed an application with the FCC for permission to assign its construction permit to Mull Broadcasting Corp.

E. Y. Chapin IV, president of Rock City Gardens, told the FCC that completion of the broadcast facility was hindered by the economic impact of the energy crisis on the tourist-dependent parent company's business.

Mr. Chapin argued that cancellation of the license would be unduly harsh action by the FCC.

via Bill Meredith

Radio pushes safe cracking

HONOLULU (AP) — A local radio station has been inviting listeners to "crack the safe" as part of an advertising promotion and claim \$5,900 inside it.

The safe made the rounds of advertisers' stores and listeners got the chance to try to open it.

A burglar took the invitation literally. Police reported that someone broke into a car dealership and took station KGMB's safe.

Postcard back after 27 years

OMAHA — (AP) — Twenty-seven years ago, a ham radio operator, Erwin Borchert, made contact with an operator in Detroit and sent him a customary postcard for verification.

Recently, the card came back to Borchert with a stamped message from the post office, saying the addressee had moved and his new address was unknown.

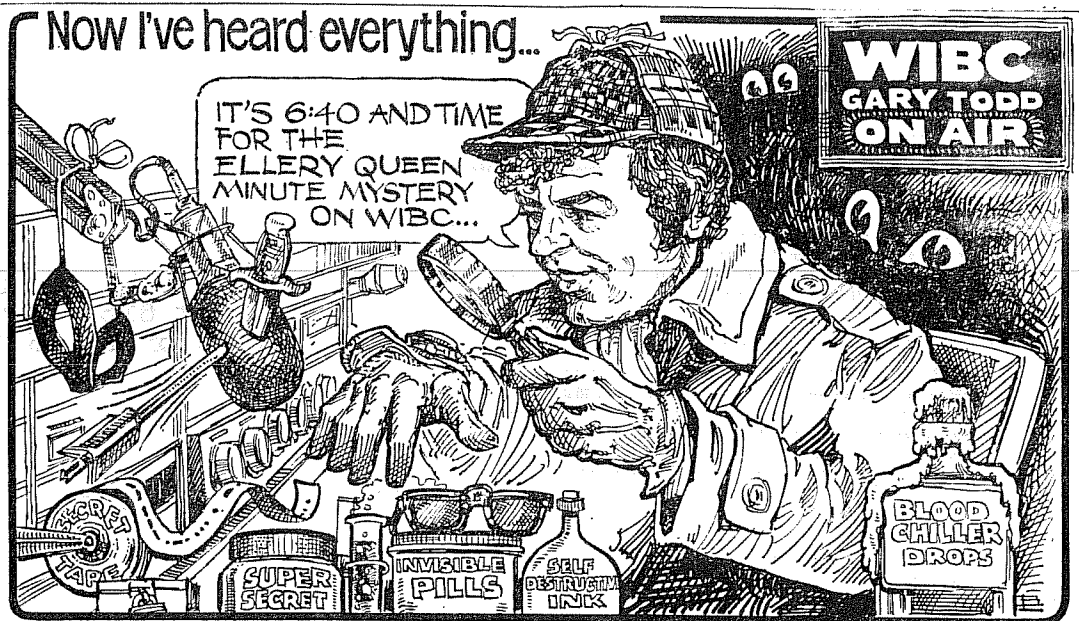
Gary Larson sends current info on KPPC-1240. They have moved to 3844 E. Foothill Blvd., Pasadena, CA 91107. Phone is 213-681-2486. Programming is still 100% religious. Broadcasts only on Wednesday from 2000-2400, Sunday 0700-2400, and Monday 0000-0100. Transmitter is still at 585 E. Colorado Blvd., and is operated by remote control. Eric North is the GM. The owners recently purchased KMAX-107.1, Arcadia, which also is 100% religious. Still uses a flat-top radiator antenna. During KPPC's operating hours, KGJF goes down to 100 watts and KGIL-1260 goes directional with their night pattern, with 5 kw.

Another sign of the times

If you would hate to see those precise time signals, standard frequency tones and special announcement broadcasts characterized by radio stations WWV and WWVH curtailed in any way, take heed. In 1974, a 50% power output reduction was proposed by the National Bureau of Standards for radio station WWVH for the frequencies of 5, 10 and 15 MHz. The action was not taken, however, because of the many objections received from users. Now, by use of a questionnaire, the NBS hopes to determine users' priorities in order to reduce operating costs and energy without curtailing any needed services.

For those interested, it's easy to take action. To receive a postage-paid questionnaire, simply contact the National Bureau of Standards, Time and Frequency Services Section, Boulder, Colo. 80302. If you're concerned, act now. Dr. James Barnes, Chief of the Time and Frequency Division, informs us that a May 1, 1975 deadline has been set for receipt of all completed questionnaires.

Electronics Products
via Tom Jasinski



DX CONTESTS --

Michel Breger, 7217 Creekside Drive,
Austin, Tx 78752.

Quite a few entries have already been received before the deadline. The first contest standing for the

1975/6 DOMESTIC CONTEST

is printed below. This list is preliminary, since many reports should still be in the mail (June 2).

5, 4, 3, 2 and 1 refer to the number of states or provinces with 5, 4 etc. stations reported, B refers to bonus points for the 5 secret bonus states, GENERAL and PROF refer to the division entered (General is for DXers new to the contests).

| NAME | TOTAL | 5 | 4 | 3 | 2 | 1 | B | |
|---------------------------|-------|---|---|----|---|----|---|---------|
| 1. Wayne Murphy, Ky. | 228 | 5 | 8 | 10 | 3 | 4 | 0 | GENERAL |
| - Michel Breger, Tx. | 175 | 3 | 3 | 11 | 8 | 10 | - | MANAGER |
| 2. Lowell Pankake, Mn. | 168 | 3 | 3 | 11 | 5 | 11 | 1 | GENERAL |
| 3. Mike Knitter, S.D. | 119 | 1 | 2 | 9 | 7 | 8 | 1 | GENERAL |
| 4. Bill Hardy, Wash. | 115 | 1 | 4 | 6 | 4 | 11 | 1 | PROF |
| 5. David Ball, Ont. | 109 | 3 | 0 | 5 | 6 | 16 | 0 | GENERAL |
| 6. Don Moore, Pa. | 104 | 1 | 5 | 3 | 3 | 12 | 0 | GENERAL |
| 7. Nancy Hardy, Wash. | 79 | 2 | 3 | 1 | 1 | 10 | 0 | PROF |
| Brian Scully, Ca. | 79 | 3 | 0 | 1 | 7 | 7 | 0 | PROF |
| 9. Bill Meredith, Ga. | 61 | 2 | 1 | 0 | 5 | 6 | 0 | PROF |
| 10. Ralph Kemper, Col. | 55 | 0 | 1 | 4 | 3 | 12 | 0 | PROF |
| 11. Al Rosinski, Mass. | 54 | 1 | 1 | 3 | 2 | 5 | 0 | GENERAL |
| 12. Frank Wheeler, Pa. | 52 | 0 | 3 | 0 | 5 | 7 | 0 | PROF |
| 13. Jon Urren, Wash. | 51 | 0 | 2 | 3 | 2 | 7 | 0 | GENERAL |
| 14. Nick Hall-Patch, BC | 48 | 1 | 1 | 2 | 2 | 5 | 0 | GENERAL |
| 15. Mike Wilson, Minn. | 44 | 1 | 0 | 1 | 3 | 14 | 0 | GENERAL |
| 16. Weldon Childers, Al. | 25 | 1 | 1 | 0 | 0 | 0 | 0 | GENERAL |
| 17. Charles Gill, NY | 1 | 0 | 0 | 0 | 0 | 1 | 0 | PROF |
| 18. Robert Knitter, Wisc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | GENERAL |
| Robert Kramer, Ill. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | PROF |
| Larry Flegle, Fla. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | PROF |
| Grant Olson, Alb. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | GENERAL |

Some notes about the contest:

- (i) Limited stations (L) do not count as daytimers.
- (ii) Some states or provinces may not have listed daytimers. For these you can only report four stations.


(i) had to disqualify about 12 the contest (for various use make sure that any stations are actually heard; it is very make a mistake. We all have different and to legislate too many rules takes the fun out of DXing and the contests. In order to be fair to all the contestants, I have to run checks. I look especially for stations which are not supposed to be on the air when reported and for recent call letter changes. Furthermore, most contestants will be asked to give reception details about some of their reported stations. Such requests do not imply any distrust on my part, but are part of my checks (random). The very minimum that should be heard are the call letters or very clear location. A phrase like "the temperature in xxxxxx City is 70 degrees" is insufficient, since many stations give temperatures for different areas.

(iv) If the static is getting you down, use the summer for the easier stations only. All your regular catches should appear again in winter. I cannot even get Arizona from my location at the present time ! It is surprising how much has been heard in the first 10 days of the contest.

The final contest standings for the 1974/5 DOMESTIC/ FOREIGN and the SCAVENGER HUNT Contests will be published next month, since not all the reports have been received.

Several people have suggested a MEXICAN CONTEST. The many fine catches from Mexico are generally ignored. Such a contest should include some distance considerations. Any suggestions ?

adios.....centexdx.....michel



THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit club devoted to listening to distant radio stations on the broadcast band (525-1610 kHz)

IRCA is a member of ANARC, the Association of North American Radio Clubs.

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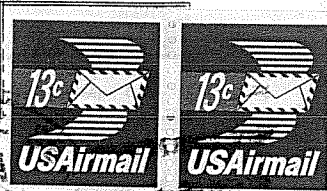
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