"Would not want to miss an issue of the greatest club bulletin I have found... My renewal is 1st Class, the only way to go with a 1st Class club - " (Ken Chatterton)

IN THIS ISSUE...

ABOUT THOSE COMMON WAVES - Russ Edmunds
VERIE SIGNERS - Ernie Cooper

EIGHT MORE NEW MEMBERS THIS WEEK...

*Dwight Hodson, Neosho Rapids, Ka. 66864
*Lawrence S. Dinsmore, 27 South Sea Avenue, West Yarmouth, Mass. 02673
*Greg Hardison, 17600 Orna Sr., Granada Hills, Ca. 91344
*John Schmelzer, PSC 1473, Richards-Gebaur AFB, Mo. 64030
*Dennis Savage, 13 School St., Machias, Maine 04654
*Phil Finkle, 8913 Enfield Ave., Northridge, Ca. 91324 (rejoins)
*Bob Currole, PO Box 594, Golden Meadow, La. 70357
*Richard Menke, 668 Emerson Dr., Eggertsville, NY. 14226
*Michael Scriven, 375 Harvard St., Cambridge, Mass. 02138

Welcome to the NRC, gentlemen, why not write into Musings and introduce yourselves? Your New Member kits will be mailed to you later in the week and you should be receiving them soon.

RENEWALS THIS WEEK...

Wendt... Macdonald... Smith (F)... Pall... Bundy... Lamerson... Migley... Woodward... Menke... Conrad... Brown (Q)... Ferrell... Dunlap...

As we attempt to switch to a computerized addressing system to replace our obsolete Addressograph machine, we've been going carefully through the HQ records and in doing so we've discovered a few cases of what would appear to be overlooked expirations. We've sent requests of these people asking that they check their records; if you've received a renewal notice and have already renewed, please inform us promptly and we'll correct our records. No need to send cancelled checks or the like - we'll take your word for it! Thanks.
MECHANICAL FILTERS HAVE ARRIVED!

The latest mechanical filter shipment arrived yesterday (only 6 weeks later...) and Tom Holmes has already sent them out to those members who ordered them; because of the delay in delivery from Japan and the heavy initial order, we are making up a NEW ORDER IMMEDIATELY. Members interested in ordering these fine units (the NRC has now imported and resold to its member almost $1500 worth of these devices as a club project) should please send us a check for $15.00 as soon as possible; please specify if the mechanical filter is going into a tube or transistor receiver. Information on the mechanical filters is now included in all New Member kits; members interested in further information can obtain it from HQ for a self addressed stamped envelope.

FET ALTAZIMUTH LOOP BUILDERS -

Several members have written that they are having difficulty locating the small 10,000 microhenry shielded coils used in the amplifier; it would appear that Newark, the original distributor, dropped the Nytronics line. We have obtained a number of these coils at HQ and will be glad to resell them at cost ($1.42 each); please include an SASE with your order. We also have a number of matched pairs of the 2N4416 FET's used in the amplifier still on hand; available from HQ for $5.00 a pair and an SASE. We still have hopes (dreams?) of making complete loop kits available sometime in the future but because of the time involved in such an undertaking it'll have to be after we leave our weekly publishing schedule - unless some reliable and energetic soul volunteers to do the job, that is... Any takers?

NRC DOMESTIC LOG IN SECOND PRINTING!

The NRC Domestic Log has proven to be even more of a success than we'd originally envisioned. Because of the heavy advertising and publicity that the Log has received (Communications Handbook, How to Listen to the World, the new World Radio Handbook, plus most of the electronics magazines) and the large number of new members now joining the NRC, we've decided to go ahead with a rush second edition (all the better to avoid anticipated printing cost increases). The new version will be similar to the first one (same binding, page size, etc.) but it will also include the Corrector from the January 9th issue of DX NEWS as an appendix in the back; Big George Kelley has gone through the original text and placed stars next to the entries for all stations for which corrected information appears in the appendix. Because of the very poor quality of Book Rate postal delivery in many parts of the country, we've decided to mail the NRC Domestic Log via First Class as a general rule: since this jumps the postage rate from 12¢ to 66¢, the price of the Log has been increased to $3.25 for NRC members. While we'll still send them out at Book Rate if you wish, we strongly urge you pay the First Class rate - it'll buy you much more than 50¢ worth of PO hassle insurance...

NRC LATIN AMERICAN LOG IS COMING...

The new LA Log is close enough to completion now that we'll probably include an order form in next week's issue of DX NEWS.

LAST MINUTE TEST INFORMATION

1/31 0000-0400 EST WCOX, Humbden, Ala. This 1 kw nondirectional daytimer will test with C&W and tones; reports to CE Steve Kennedy; address as in NRC Log. Info from John Lombardo.

2/1 0200-0400 EST WNAK, Nanticote, Pa. Another 1 kw Dl, this on 730 kHz. Info from Cliff Reno; address as in NRC Log.

2/1 0400-0430 EST WNUF-1400, Fort Walton Beach, Fla. This is a 1,000 / 250 watt U1 who'll be testing with a full 1 kw for IRCA. Programming will be rock and reports go to Mr. Jerry Ryan, CE, address as in NRC Log. From Bill Lemak.

We urge all CPC workers to make certain that tests are scheduled far enough in advance to permit full publicity!

WRYT FOLLOWUP...

Big George asks that we remind you to send a follow-up to NRC HQ if you logged the 1969 WRIT DX Test and never received a verification from the station. He reports that to date about 20 follow-ups have been received, of which all but two were verifiable.

COVERAGE MAPS AND VERIFICATIONS WANTED!

We're running low on QSL's and coverage maps for use as filler material in DX NEWS. Since each issue of DX NEWS must contain a total page count that is a multiple of four, we often find ourselves in need of a page or two of filler during composition late on Sunday night. We'd greatly appreciate receiving suitable material from the membership; if you send Xerox copies, make certain that the reproduction is dark and clear (if the Xerox machine is turning out light copies, ask the operator to increase the toner flow). We realize that large areas such as black bold call letters will tend to break up under the Xerox process and we can touch up problems of that sort without difficulty; our main requirement is that the text be sharp and clear. Thanks!

CHANGING OF THE GUARD AT HQ...

Chuck Rosser has taken over the job of NRC Secretary from Randy Kane. Randy, who's put in a great amount of time and effort for the NRC as DDEN Editor, Secretary, co-editor of the Domestic Log, and regular member of the composition and mailing crew, is forced to cut back due to pressure of College and work. Many has been the week that Randy's put in more than 20 hours of work keeping the NRC running smoothly and we all owe him a big round of applause. Chuck's taken over the vital job of making sure that our more than 500 members receive their DX News every week in spite of address changes and postal problems; he's already shifted part of our addressing task to the computer and hopes to complete this major job soon!

*GPN & BGK
WILL 650 info was phoned in last week to EQ by Jerry Stark, so you'd know about this repeat DX test in time. WIKC-1550. They'll have a Proof of Performance Test in late January or early February on a Saturday morning at 12:01 a.m. — so this could be the date. I heard, send reports to Michael Dillilo, O.R. Info from Wes Boyd. WWJ-1050. Send those reports to Mr. D. E. Wiggins, Chief Engineer, WWJ, Center St., Valparaiso, Indiana. Info on te ICA's A. G. Ozhovitz. WJHL-1440. Reports go to Mr. James R. Murphy, Chief Engineer. We don't have any info on the type of programming on this test. Send to Mr. Murphy, WJHL-1440, WJHL, Knox, Indiana. We think only CNRM will be on in the East, at least, to interfere, so a good chance for WJHL-1440 to be heard. This is a tough channel and a delicious catch! Reports go to Mr. Bert Wallaster, News Director, KSEE, 950, Santa Ana, California. KSEE is a relatively new station, and hardly any U.S. DXers have heard them. 1:36 CST. 1230 KDKA A New DSP w/cop: 740 KBS S (has been for quite a while now). 1440 WQOK AN of 6, off MM. 710 KIRO Now All Sn ms. HEARD SINCE LAST ISSUE 900 WTSO Danfiz, Florence, South Carolina. 1140 WJIT EX-WITTA 1070 WTSO New KXW Knox, Indiana. 1520 KAXW Albuquerque, N.M. (SE) DAVE COEPLAND says he has for sale a Drake SW-4A for $195-150.

Ernest R. Cooper - 438 East 21st Street - Brooklyn, New York - 11226

Now am told by the P.O. that I'm no longer on Carrier Route 22! I haven't learned the new address yet. Well, I have my new Worcester Ferrite Loopetion now, and it's a very good setup. I have had two 440's with it, and this is what's been heard: MM 1/11. IHI-AN-MM on 1300 is indeed, WIAK, weak but clear w/OMN on. There was an AE Carmelo-Colombian with him, though. WIKC-600 un heard on TEST at 3:15. The early US 1490 on 730, KNOC, 5/4 pm around 8/31 a.m. In the 9 a.m. de Fe 500 s/on/Women's News NA 9-31-50 on 1490. There was no report of to the same thing. I had KEPX-1700, W/2-2:15 and old ex after 2:30 noted 0/c/KCM; a tentative to see. I hope my judgement on this is better than on WKK, hi. This AM 1300, WIDE was dominant, AN, c/w. 1500 was quite a beehive - WIDE ID testing @ 1:30. I thought was repairing the ID w/a different announcer, but this guy said WIDE. Then KEMP noted @ 3 on EL, but a fourth on here w/two men talking to one another. This could have been a "Westie." Was it? I've been ill most of the time since Friday 1/15, but we're still carrying on, and, of course, the quarter-century record of never having missed an issue (except on a date mix-up last summer, hi) continues! A v/w in from WINL-1530, on WLRA stationery. C U N T.

Wick Evans - Box 2146 - East Chicago, Indiana - 63132

Greetings. I hope thought the Cuban was running half a million watts during the WIKC special, you didn't miss by much. A phone call to WIKC to see why they suddenly jumped from 35 to 75 offered the following info: First, the Cuban was running 1,000,000 w, (which I find hard to believe) & also that they over rode WKB'S on the station's studio speakers (which I don't doubt, hi). Real friendly over the phone, although he seemed rather grouchy during the ID's, hi. Probably understandable. DX here: 1/8 - KERL-710 La, in properly @ 6 p.m. but fading fast, then up to OWSR-1370 Osb. 1OC 6:20-6:40 w/death notices, then static got. Unusual to hear this loud or even poorly, w/death notices, then static got. 1/11 - KMBG-950 Kansas. 1500/1450 w/ID's 1/14-1/15 tune in/Out: 12:01-1:15 running S-9 w/OC alone. Thought it was 1500 until the ID. 11/1 - KMBG-1530 TX in SS running even w/1500, thanks to tip from Don Roper who captured me doing my ironing, hi. Totals now 1,143/51.

Verices only one in this year, one up w/1500, & one in this year, one up w/1500. Joe Kuhns, ask the guy who pays the KX & your vanity if a lightning bolt comes through the tower. WERE heard here poorly w/OC, & too tired to fight that night. I notice the new KRC Log Corrector, plenty of work ahead of me there. Speaking or logs, the book-rate log still has not arrived here as of 1/11. I don't think it will. ?j.

Walter Breville - 6327 Coral Drive - St. Louis, Missouri - 63123

Thanks to all who sent me Christmas cards. I did not send out any this past holiday season since I was buried up to my ears helping the P.O. walk out of the Christmas rush this year. I did not have the heart to add anything to the fantastic pile-up. Nevertheless, I hope all had a fine one & wish the best for all in '71. Latest addition to the varis collection is a w/OC in Washington, D.C. For a collection of antique models, a 1945 model. In addition to WJSF from the East, it has been nice seeing recent ones from places like Lawrence, Kan., Canton City, Colo., San Antonio, Memphis, etc. I hope you guys keep up the WSJF habit! For that matter it would be nice seeing WJSF again from Jerry Bond, Dr Johnson, Steve McIntire & numerous other people who have not been in these pages in a dog's age. WJSF has been sparse as of late. Only recent catches were in the first two hours of the New Year. 11/14 - WJSF-1140 also alone on channel all morning, WJSF-1210 Paton Rouge, making a good show: 2:00 p.m. WJSF are apparently quite auroral this AM. I hope to have much more to report before long. ?3.

Dick Thax - 5101 Pamrock Drive - Charleston, West Virginia - 25312

Time again for our May special one of W. Va. 's two DXers. IX continues to range from very good to an extreme case of CP's is WKVY-1270, Louisville, Ky., which was in the show. Also a new addition to the KRC list is WIKC-1530, O. Ore trip to Columbus 12/26 & noticed for the last four P.M.'s. Those two CP's for the old town, the other being WIKC-1530. Latest additions to the log include: 2/3-7 1-1870 Tex. w/OC & Mutual W2 6 p.m. MM 1/21 - WK4A-860 Va. on f/w 12:50 p.m. W3KCI-1530 Neb. on snow emergency most of Mint time 8/10 p.m. W3KCI-1530 W/S w/OC & announcements, so also was WK4A-860 W3 of 1/14 2:45 p.m. W4RMC-1060 W/M W/S ID 1 I a 2:16 &Exactly K5QO-150 Ark. w/OC & ID 10:19 p.m. MM 1/11 - WBBK-810 Fr. banding 1-2 p.m. began a steady break-in for some time in first hour or so, could have been the start of decreased WBBK-1300 & 1460 on 1466 playing Motown sounds 11/25 11/3 and always fadinghi. Get one Radio 205 IS several times through it. Do this Monte Carlo, some w/OC? More later.

"LET'S SEE A MENDING FROM YOU" A LOT OF NEW MEMBERS HERE IN THEIR INTRODUCTION WHERE DID YOU RUN OUT OF GOUT WHEN DID YOU RUN AGAIN?

Ernest R. Cooper - 438 East 21st Street, Brooklyn, New York - 11226

I received a very nice KUF-1190. It's hard to imagine how you end up getting such a gift, but at least it's mine. Since I'm a brand new member, I suppose one has to become familiar with DX through Marc & Gene De Lorenzo when you probably know already. Marc has been giving me lessons in sea-coast reception & I have been amazed when he & his son, Hendzicks, 73, have been mic'ing his son, Hendzicks, 73, he has a method of recording the semi-local Boston & Providence stations: He has his GEN looped up on an Alliance Tenna-Riter right next to his receiving area. Now my recent DX (thanks to Marc & Gene De Lorenzo and many of these): 1/8, WBGI-810 well 91-93/4 W/ F/ QRM at 11pm. WBGI-810 W/K with N/W & W/W at 937pm, WMB-1110 W/K with N/W & W/W ending slow now, then ID & into MJS NX at 5pm; ZDK-1100 LEC & ID & SID 5:02, a very listenable station! WMAQ-840 Ca. ending CBS NX & into FJ 5:07pm; 4:30-830 good in FF 5:11pm. Well, that's it. I hope to have some more time. I have one question which has been puzzling me: How was this tape made? I know there's a file with the ID closed all of it. With the FM-1 I have been hearing all kinds of stations on 540, depending on the position. On 1/13, for example, at 9:30, I had a choice of CBS, WH-DJQ, Janelle, & KFI. At 5:30 on 1/12, Fox Veronica strong in BE on 1560. 1/12: 650 with a local which looped away from the powerhouse CBSJ, at 10:45pm. KYVQ atop 1170 (and powerhouse WWVA) at 6:15pm & 1/2. MORE: strong at 5:25pm 1/10 W/ Berber ex, & Rabat-1295 heard / U/RBC-Borough. I could go on. 7:36.

FRANK WHEELER - 6599 Wattsburg Road - Erie, Pennsylvania - 16509

I received KXK-1530 @ 2:03 (I believe on AM) broadcasting a veriey [sp] with reports & 1/4. They said they had special permission from the FCC to be on at that time. 1/8 I received a veriey from WFTY, & they returned my 64 stamp I had enclosed for return postpaid; they gave me a better than 84.5% with the sticker of a girl saying "CHIC, where the girls are", also a couple of other stickers advertising their station & one of the Canadian flag. A real DXer's station! 7:54 & KXK-1530 were new. My copies came 1/5, 1/62, and stations received, 2/60. I must be getting old - I just can't seem to be able to arouse myself in those few hours. Of course I am 77 & have to get up & can for work. That's it for this time. 7:34.

G. HARLEY DETRIZER - Box 10 - Hendricks, West Virginia - 26771

Greetings from the "Home of Hick Fair". Hendricks is a very cold town right now, therefore DXing out to be good, and it is. Many low-powered stations are being heard daily; even if I'm not hearing the following: KXK-1250 Hamlet, N.C., WJJK-1270 Commerce, Ga., WJKB-1280 Whiteville, N.C., WJKB-1470, Rockingham, N.C., WJKB-1470, Greensboro, N.C., WJKB-1250, Virginia Beach, Va., WJKB-1380, Asheboro, N.C., WJKB-1520, Burlington, N.C., WJKB-1500, Montgomery, Ala., WJKB-1700, Nanticoke, Pa., WLW-1100 St. Thomas, Ont., WJWB-1200, St. Ignace, Michigan, WJKB-1200 Newport, R.I., WJKB-1110 Washington, D.C., WJKB-13125 Cincinnati, & WJKB-1350, Portsmouth, Va. What kind of station is the "Hick Fair"? I ran out of ice, but I hope to speak more about it. While a write back I had a news about the station was being constructed in Lewiston, W.Va. 1/13. Does anyone have any info on this one? Let me say that I spent a while in Indian land last month, and really did hear some good "locals" that I wish I could hear in Hendricks. Some were WJJB-6598 WJKB-6598 VMVY-1 WJWB-6598 WPQK etc. That's all. 7:34.

NANCY GANTZER - 67 Liberty Street - Fredonia, New York - 14063

On 12/22 I had my first AM DX session & caught ten new stations, including: 1/44 ID of WFTY-1250 W/ F/ QRM at 1250 0. 1/30, er of WJKB-1520 2:37-2:41m W/DX & queer ex (er that doesn't fit any of the established categories). KLPI-1190 @ 2:45m W/NX. On 12/22 I heard something w/ER all evening, and
finally caught an ID @ 11:22, WKU, Wis. 12/25, s/off of WKXO-1380 @ 5:15, and 1/10 s/off of WHER-1570 Ind. @ 5:45. While listening to WHER-1570 1/2 12:05-12:50am, the announcer asked for calls from distant listeners. Collect calls, only! Three people called, one from Canada, one from Maine, and the other I couldn't hear through KM4 QRM. Where were all you people? I thought I'd hear at least one familiar name. 73 (except 89 if you're in one of N.Y.'s three largest cities, or D.C.) (?? - EIC)

ROBERT F. SCHAEFFER - 510 N.E. 15th Street - North Miami Beach, Florida - 33162

Greetings! DX has been fair to good lately. Though I've been pressed for time during the last few weeks. Note IDBK for the latest of the scars. The Floria-DX meeting was involved in a cyclone of bad luck, to say the least. Only four attended - Dave Watsmough (Hamilton, Ont.), Bill Brubaker, Richard Clark, & myself. Jerry Conrad was burgled of his money etc. so couldn't attend. Wayne Plunkett was stuck in Georgia; & I had to fly to Philadelphia for a death in the family before I arrived in time to talk to anyone! On the other hand, the Sugarloaf could continue, for it seems the county bought 21 acres of scrub land only half a mile from the house, & they plan to make a scenic, tropical park out of it. However, the plans are not yet in the financial scale. Barring expensive encroaching feasts, my only practical hope is a hike-down-in-the-morning portable set-up. Although the situation is still under some control, it looks like I'll be able to put up 1,000' in any direction! Welcome to NRC Curt Laidigren, recently of Minnesota, now in Port Myers Beach. Watch us grow in the Sunshine State! An unusually warm & humid winter season in South Florida may bring the static back here. Cold fronts are stalling in Central Florida, getting little chance to clear the air down here. As the VHF in Marathon comes up, note those who have equipment may be considered "semi-portable". The three towers are fixed & permanent. The Sugarloaf facility was destroyed beyond repair in 1965 in a hurricane. Its towers were NOT sent to Botswana for use in liberating South Africa. Per SMS, KWMK-920 in Albuquerque is on the air as a fulltime SS station! (?? - EIC) Also on KWMK-920 in Des Moines and WTVN-AM/WTVN-FM are "hot" (kits). WKXO-1070 is now WJZD as in Wonderful Ten Seven Q. For the hottest tips, call ACS-95-945-9105 any time. LXXII and bonus DX.

BOB KACHINSKI - Box 3151 - Daly City, California - 94015

1/10. I've intended to move sooner & more often, but - Anyway. I did make notes of what I wanted to say. First the CBIB-940 TEST of 11/8 was not only an extension but their SS including ads. They s/off @ 4.33. Their v/q indicated 1Kw nights, implying that power was used. On 12/14 @ 2:35AM, I managed an ECB-D but WKXO was all over the place, so no report. Twice in the last three months WKXO has been off on 11/25 & 1/14. Both times they s/off late, around 5AM. CBIB only station present. So Pete Taylor said to me once "If only KALB would go off." Did anyone ever verify WTIV-1590 ET of 3/16/70? To heat on an old, dead dog, I think we should remain on BSB all year. After all the confusion of last Summer, I should think all of us might suggest this "non-move". Staying on BSB may be the perfect way, but we all know & can work with it. On the 11th-month, second WW, KXLO-1230 has f/c/t 3:30-3:35; KXLO-1230 has an ownership statement at 3am which sounds like a s/off statement except they go on to their SS afterwards; KG9 s/off @ 5:05; KG9 is AN; KWMK is AN; & KXLO-1230 is not AN since they ran an ET @ 11/9. The KXLO Log is now open. If I agree w/ Roger Wisnor, some space for corrections & additions on each page would be more convenient & helpful. To have WA stations all listed in the NRC Log, I've also reserved a copy of the IA Log, what's the status on that? Recent DX I've been after is the following:

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<th>Date</th>
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<td>12/25</td>
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<td>12/28</td>
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<td>1/10</td>
<td>WKXO-1380</td>
<td>1/14</td>
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</tr>
</tbody>
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BLAKE LAWRENCE - Box 903 - Canon City, Colorado - 81212

Better good, some nice! Lotsa DXing lately but in order to conserve that valuable DX NDX space & to save Ernie's typing fingers, here's a list of only the better ones making it in. 1/1- XERB-560 Mexico City, W/R. Juanita at 7:41p.m. 1/2- KFRT-560 TX, @ 1:48am W/KZL nowhere. 1/3- KSUR-1350 QAM, w/DF @ 11:55am. Aurora knocked out everything N & E. I had WMD-1000 Vista, Calif. @ 7:27p.m, KXLO-1230 Ariz. @ 7:42 s/offs, KJUR-950 Tempe, (Balboa)-1200, R. Bell & 834-50am W/KVLK-1050 Cali. @ 7:50am W/DF @ 7:16, KWMK-1590 Minn. @ 7:52, WHER-1570 Ind. @ 8/1610.

1/9- WHER-1250 w/DF @ 11:51pm, KWMK-940 IA. @ 5:57, KWMK-770 Minn. @ 5:43 u/KG, KXLO-1100 Neb. @ 5:56/20, W/DF @ 5:56 (editorial), KVMA-990 Memphis @ 6:15 s/off, KXYO-1560 @ 6:22 w/DF & W/KXLO-600 w/DF, NOT c/w @ 7:14. CFAC-950 w/DF @ 4:52am 1/10. WAVE-970 Kyo. @ 5:10am 1/11 as well as WHER-1570 Ind. @ 5:22. WJRO-1140 Va. (new stns) @ 5:30 after preaching program, & an ID of "WJRO KDY" (The latter, no doubt -KBO). KXLO-1230 is NSF as of 1/4, closest KBO was 4 miles away before this tragedy. Vories: KSTP & KMOX, both get 900am & book both their studies on the reverse side. My reports out. I built the NRC Loop a la Fish. It didn't work on any of my x5s. I wonder what I'm doing wrong! Any ideas? They want to kick KXDU KTVN 38s, please write it's from Canon City's one and only EBC. Sentanta 7 trees been AX.

BART CRINKE - 2535 28th West - Seattle, Washington - 98109

Welcome to the NRC all new members, & especially the batch of new ones in the Pacific NW. As I move on 1/15 @ 11:55am EST, WCNX-880 is 8-5 DX for the N.Y. Metro area - much better than the moderate snowfall we have, plus flash from a mix of locals KROLL-1050 & KOLL-1300. No sign of WHER-660, just carry current KSSR at Seattle Pacific College, 1/2 miles away. Eastern stations for the past several days have been quite good w/the Chicago 50s dominating KBQI-670 & KCOL-760. No other DX of significance, especially with few trips. Note to Steve: w/KYB-1230 is a steady DXer. It is my understanding that CJJC had dropped its CP for 800k & higher power stations & will remain at 800k w/1,000w. My info comes from the former CE of KOW-920 who said they will be directional days because of their remaining on 860, & one of their nulls at night for the same reason. Also, the manager of KOM-800 in Bדע, Wash., told me he is 903 to 905 on 800 & 1000. He had an application some years back they had the CP, & his grant remained that way, even though their CP had been dropped. His null is now providing adjacent channel protection for KOM-790 which is on a near-same bearing as CJJC, but that he is going to try to drop the D-3 sometime in the future. Also note for the update on WNY-880 - I don't believe they should have any PSS power since these new stations on clear channels were authorized for powers of at least 10,000w at any time. KXLO-710 is now operating 8am - 9:10am daily except AN SS. KA2.

JOHN P. ZIMBAKDO - 27 Grove Terrace - Irvington, New Jersey - 07111

Greetings. Recent verities include WNR & WEAB both w/5a, & a v/q from WELA. I thought I would report them before they changed their calls to WJIN. 1/11 The WJIB DX TEST was heard w/a good signal when they were using 1,000w non-d. They were not heard at all of 500w directional. At 1:55am I heard WOR off ns but on w/et. At 5pm, WPAC in E. Syracuse was heard w/heavy QRM from WHEP W/4w off. On 1/13 I heard KSNB between 5:05-5:13pm s/off leaving just unmonitoring WHER-950 at 5:05p.m. I tuned in on WMAC-560 in Ga. w/heavy QRM from KSNB & ownership of WJIN. 1/15 KDY Columbia was in w/950 s/off @ 11:30s @ 12:40am w/caracol d 12:31. At 1:15 I tuned in on a German on 1/4, & I know this was probably WDR in W. Germany, but I couldn't get an ID off. Then so I'm not going to count them. WHER was in well w/DF @ 5:30. A new private organization here by my friend Charles Bunchard here in Irvington. Charlie has informed me of a new collection of private location on the reverse side of KOM-800. They announced their location as Irvington, N.J. They played solid rock w/occasional TMs on 1/20 between 9 & 10 a.m. 73a. (We'll have Fopkin on the way real soon -EIC)

GOING TO SAN FRANCISCO THIS LABOR DAY WEEKEND? IT'S ONE OF THE GREAT CITIES!
REPORTEDLY IN OPERATION

SPAIN. Radio Miramar de Badalona, EAJ39, is a new station on 953 kHz; both EAJ39 and EAJ29, Radio Intercontinental, Madrid, are now on this channel - not to mention EAJ50, Radio Las Palmas in the Canary Islands. The new one, EAJ39, is reported to be signing off at 0002 GMT. Members working this channel for the Canary Islands should proceed very carefully now that this new one is here too... (Arctic)

CONGO. The new 100 kw Kinshasa station which we recently reported had just gone into operation is operating on 692 kHz and is well heard in Europe. This one should be a very good bet on the East Coast; this country has never been logged in North America on BCB to date; who'll get it first? (Arctic)

INDIA. The new megawatt Indian on 1130 kHz is now operating NSP according to Scandinavian monitors; HQ crew hopes to have a Beverage aimed at this one in operation before the season ends...

ECUADOR. Radio Javier, 670 in Quito, is now on 680 with 1 kw and will soon change name to Radio Uno with chicken rock, 24 hours. Is part of Nucleo Radio at PO Box A-57, Quito. (Gleason, Puerto Rico)

PAKISTAN. Radio Pakistan's Khulna station went on the air at 0530 on 12/4. At present a 10 kw MW transmitter is broadcasting 9 hours a day; land is being acquired for a new 100 kw transmitter. Frequency not known. (Editor)

YUGOSLAVIA. A 10 kw station was opened at Kraljevo on 12/31 and is operating on a test basis for two hours a day on 980 kHz. (Editor)

MALAWI. A new International Service began operation from Blantyre 1/4 on 764 kHz; the broadcast included English and Chichewa segments and lasted from 1600 to 1800 GMT. This may result in transmissions from Malawi at times more favorable for North American reception than has been the case in the past. (Editor)

SAUDI ARABIA. Damman, nominally on 890 kHz is actually on 886 at the moment; a good bet for a very rare country on good Near East nights. Power here is a full 50 kw. (Editor)

CLANDESTINE STATIONS

TURKISH CLANDESTINE. The Voice of the Turkish Communist Party began transmissions on 908 kHz on 1/7; these transmissions, currently conducted around 2100 GMT, are believed to originate from the Soviet Union. (Editor)
Deadline Wednesdays, Alltimes in Mon RTD are in GMT. Receptions:

Ecuador. Tropica, Guayaquil HXFG w/cigarete ad, TC en Tropicana, try tienta, 'jingles, 0829 1/18. (Hausser, Ga.) (Welcome back Glenn)

unID. Weak with man and woman singing solo by man in Arabic type chant with flute; faded away slowly, 0710 1/9. (Kocsan, NJ) (Must be Algerian)

** 575 Puerto Rico. Now here again at least since 1/11, I have logged with good signs each night since, noting the poor modulation that others have had, and same type of pmg. s/off 0300 nightly v/unfamiliar anthem. (Dangerfield)

Venezuela. YVCL, La Voz de la Mu, Maracibo, 0715 18/18 giving powers;
American-style jingles. (Hausser, Ga.)

Spain. Port of Spain almost certainly the one.

Morocco. Agadir at 0112

Haiti. Radio 8-6

Puerto Rico. ID, freq was Colombia.

Italy. Sevilla like a local

Spain.

France. Paris just barely in, Guadeloupe.

Spain. Spain.

660 Costa Rica. TIRICA, San Jose apparently testing for the past several days, 1/16 on. No talk or IDs, just recordings. Frequent breaks in the carrier. Signal is no stronger than it was 2 years ago - unless it is directional. (Schatz, Fla.)

Colombia. HXFI readable w/CQ 0040 1/7. (Alster, Rahway, N.)

Spain. DEB Santa Maria-de-Pitera atop freq with tremendous signal up to 0230 on 12/22. (Dangerfield)

Hawaii. KORL, fair on longwire, 0729 1/18 with mx, car ad, still in at 0903 with mx, island wx. (Hausser, Ga.)

** KORL in fair to good on 1/11, 0845 to 0915. (Dangerfield)

655 Haiti. unID gospel continues to be brd days only from 0500, and only on weekdays. Could this be R. Lumiere here from 7/05? (See Casar's item on 660, last week; he has had Lumiere on 660, likely this is it, but as I recall, there were plans for them to build new xtrs, so this may or may not be the 760 xtr - ed.) (Schatz, Fla.)

Ecuador. Radio Cuenca, Guayaquil, 0715 1/17 w/CTC, Andean mx; ID in passing 0723. (Hausser)

Colombia. HXKJ, readable w/CQ 0040 1/7. (Alster, Rahway, N.)

Spain. DEB Santa Maria-de-Pitera atop freq with tremendous signal up to 0230 on 12/22. (Dangerfield)

640 Colombia. HXJU readable w/CQ 0040 1/7. (Alster, Rahway, N.)

Spain. DEB Santa Maria-de-Pitera atop freq with tremendous signal up to 0230 on 12/22. (Dangerfield)

Colombia. HXJU readable w/CQ 0040 1/7. (Alster, Rahway, N.)

635 Cuba. Radio Havana, Havana, 0715 1/17 w/CTC, Andean mx; ID in passing 0723. (Hausser)

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625 Costa Rica. TIRICA, San Jose apparently testing for the past several days, 1/16 on. No talk or IDs, just recordings. Frequent breaks in the carrier. Signal is no stronger than it was 2 years ago - unless it is directional. (Schatz, Fla.)
The reason for the English used in Puerto Rico is because, as noted, the first 2 nights there was no reception of local music, which is quite normal. (Hauzer).

Colombia. HJBL, then a Space Magnet, with which he tune to new IDXD reporters Leo Alster (Alster, Jr.).

Portugal. Pushing union and fairly strong sigs. Perhaps a call consistency of 3 letters which I couldn’t catch due fading, says, “eleven o’clock, 24 minutes”!

Cuba. CBQI, La Habana. Note that radio name is “Radio Habana,” so we can no longer “W. 4 Popular.” Radio Progreso (670, 660, 690) relays this station.

In the vicinity of LSS. Is this the one here. (Hauzer).

Portugal. Proving undoubtedly the one with powerful carrier but very weak audio 0651 1/17. (Hauzer).

Dominican Rep. Santo Domingo HMFQ s on 0956 1/11 with NA, over Cuba and an unID, probably Puerto Rico. (Hauzer).

Full strength and a constant visitor, bothered by local splash 2315-0015. Good listening, no fade, 0030 1/10. (Hauzer).

Langenberg had new in German 0700 1/3, strong rolling fades. Had to remind myself that I wasn’t still in Thailand where I used to get such “trans-Australians” then.”

The name for “reception” verified on 12/25 when in English. (Hauzer)

1494 Portugal. CMBF on top of the heap 1/18 0658 with continental music, Porto, port. (Hauzer).

1500 Colombia. Medellin “MBW” zero beacon steady 0707 1/17 with no marks.

Welcome to new IDXD reporters Leo Alster of Railway, and Edward Rosen of Morris Plains, both in New Jersey. Leo is using a SX-122 and a number of wires in the attic and had a pretty quiet location “until everyone in the neighborhood bought color television receivers.”

Glenn Hauzer is now in Warner Robins, GA (ADDR: P.O. Box 455; Robins AFB, GA 31098) and using his HU860 with a 6 x 8 foot box loop and 1200 LW, 20 countries in the first 13 months of DXing. Location promising except for the ever-present TV static. (Hauzer)

Ben Danglerfield has changed from a longwave to a space magnet, with which he logged all items in this report. Ben reports interesting reception lately. (Hauzer)

Midwinter N’s especially lowband, seem better than in past 3 years to me.

From upcoming Cuban Station List - stations in metropolitan Havana.

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Callsign</th>
<th>Power</th>
<th>Mode</th>
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<td>450 1550</td>
<td>KWB</td>
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<tr>
<td>640 450</td>
<td>CMW</td>
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<td>690 450</td>
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<td>760 450</td>
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<td>790 450</td>
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<td>880 450</td>
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</table>
Br. Virgin Is. ZBVI monitored from near St. Thomas and with local strength. Though not in the U. S. V. I., it seems that 90% of their ads come from there. S/off is 0209 GMT with GSQ. Ancnd s/on Mon-Sat was 6 AM AST, 11 AM Sunday. When I was here last year, they were silent during the less productive portions of the broad-cast day, but now the sked is continuous, with the marginal hours filled by "Music with (Don) McMaster", a taped MOR service with personality intro's you've heard on many automated FMers. They have rock at night; carries BBC news.

Puerto Rico. Listen for this distinctive program element to log WKVM: between practically every record (which are both English & Spanish vocals), the announcer takes requests/dedications live via phone. S/off is at 0358 GMT.

Haiti. 4VE outlet with religious English, to 1035, was hrd from Bahamas only by looping the Cuban, 1/10 at 1430. S/off at 1505 to return at noon their time. Anmt contained a plea for DX reports, with a QSL promised. They mentioned the SW outlets and the 1035 freq., but not this one.

Puerto Rico. WHOA, the English MOR stn in San Juan is noted now using "Radio Capital" (which is enunciated with definite Spanish affectation).

Puerto Rico. WIPR, an educational station whose pgm fare includes a broadcast of the Metropolitan opera with Milton Cross, heard late Sunday afternoon.

Virgin Islands. WTX noted nights on St. Thomas with only a fair signal: seems to be all rock mx with "20/20 news." Their s/off anmt goes at 0356, then hymn "Closer Walk" carries to 0402.

Virgin Is. WWX1 is predominantly rock mx with jingles. Heard with CBS news on the hour; sounds like an off-air SW pickup. (Maybe via "NYW" -ed.) On past 0200; gone by 0330 when I checked again. S/off used to be earlier.

Puerto Rico. AFCN heard on this freq while off the coast; obvious that my report of their being on 1050 last year was in error as I didn't think about WGB.

Puerto Rico. WCCB apparently the one heard off-coast with Eng relig pgms around mid-day and Spanish religious later in the after-noon. Only ID heard was "Leadership Radio"; ads for Ponce suggest nearby Pastillo.

Antigua. Has been heard far and wide in our Caribbean travels. It is all English and IDs as "Serving the Eastern Caribbean with 10" followed by a jingle. Nighttime rock show monitored with strong sfs from St. Thomas, ran past 0400 (which is local midnight) so perhaps AN. Some htr noted during the day. Was also heard around noon AST carrying AI net's "News Around the World" which was aired over the AFCN stations at the same time.

In the 12/12 issue of DX NEWS we incorrectly credited Alan Merriman with the first flash tip on reception of 2DK on 1100 kHz. This was a phone call tip and was not the lengthy spiel hrd while here last year. We Meet...

please contact HQ and earn his just but regretably delayed glory

Gordon P. Nelson, NRC HQ...

G. Harley Deleurere, The York, England station on 998 kHz is a carrier current station operated by the University there. It operates under a special license from the British Government; one of the conditions of its license is that it essentially radiate zero power off the campus - much the same as stateside college carrier current stations. Several top English MW DXers live in the area (within a few miles of the station) and report no detectable signals. While it really should not have been included because of its extremely restricted coverage area, this station was listed in the last World Radio Handbook, complete with schedules. Ken Brownless reports that the station recently received a reception report from (of all places) Sarnia, Ontario...

On a recent business trip to NASA satellite control HQ I had a chance to talk to the geophysical monitoring satellite control people; there's a pretty good chance that we'll be able to receive immediate data from the Explorer and ATS satellites positioned between here and the Sun; this may give us up to 48 hours advance notice of the onset of auroral/geophysical storms. Good DX -
Many times a DX'er will tune to a frequency looking for a certain station only to find himself faced with a dilemma as to just what he is hearing due to the fact that there are a number of stations operating on the same frequency and carrying the same programming. This is especially true in the case of countries where much or all of the broadcasting is carried by government-controlled or-operated stations or networks, such as Great Britain, France, Spain, and Italy.

Often, these groups of problem stations are referred to under the generic term "common waves" or "synchronized common waves". The term "common wave" is a rather nebulous concept, in that it is open to a widely-ranging variety of interpretations by at least as many different individuals. The closest thing to a dictionary definition that any of the leading radio publications will yield amounts to the idea that a "common wave" consists of a group of two or more stations operating on a common frequency, and broadcasting a common program (or programs), hence the term "common wave". Generally, these stations all fall geographically within the same country or area thereof, and, of course, should at certain times, the common program be removed for some local ones, the term "common wave" would not apply at such times. The idea of a "synchronized common wave" is more complicated, in that it is generally a misnomer, and when used accurately, it is highly ambiguous in that there are two different types of synchronization possible which would relate to "common waves", one is audio synchronization, wherein the stations involved must all air a given program simultaneously, or within 0.005 seconds of each other. The figure given here is one which is, to be sure, an approximation, but a fairly good one, depending on the wave of the point at which listeners at any significant distance from the transmitters involved (usually 250-300 miles or more) can begin to detect the "echo" which is characteristic of transmissions not so synchronized. This effect is basic to all transmissions not so synchronized and, one encountered on domestic frequencies when two or more stations affiliated with the same network are in operation.

Thus we can see that a group of stations on a given frequency may be a "common wave" or a "synchronized common wave" by virtue of a number of qualifications. Likewise, from the previous discussion, we see that a "common wave" may be only a part time condition or a full time one. From this, it becomes evident, that it is close to home as Canada, where a number of functional "common waves" in some of the L.F.R. groups, at 560 or 390 kcs, where several L.F.R. are in operation, relaying programming from the same station.

In the U. S., however, despite the fact that we have networks, network programming, and several like-affiliated stations operating on the same frequency, we do not have the makings of "common waves". The reason for this is that the stations involved are required by the F.C.C. to identify their station locally at a minimum of every half hour. In the other countries mentioned, including some of the Canadian frequencies, there are no specified regulations as to local identification, with the result that in some of these countries, there is no local identification, and in others, it is only sporadic.

So far, we have dealt only with the facts of these stations as they exist, and not gone into either other specific cases, or resolution of the problem of how to identify what is heard. We shall start with the latter, as it will, in many cases, be directly related to the specific cases, although in some, we will find that no real resolution is possible, and it will probably be best to simply log such cases as "common waves" in the absence of sufficient data to select a particular station as the one station heard.

There are two prevalent methods used by DX'ers to determine the identification of the audio which is heard on a frequency which is designated by one way or another as a "common wave". One is to choose the highest-powered station on the frequency, while the other is to choose the geographically closest one. The latter method, however, is often complicated by the fact that medium wave signals travel on great circle paths, and not by what might be linear distances on some maps. Each method has its own degree of validity in some circumstances. For instance, let us select a frequency which has the desired conditions that of 1210 kcs. in the British Isles. Here, of course, the situation is complicated by the fact that the country lists for radio list four countries in this island group: Britain, Scotland, Wales, and Northern Ireland. For the sake of this discussion, Ireland itself is irrelevant in that it is not served by the B.B.C.

The B.B.C.'s Radio One service operated primarily on 1210 kcs., with some 16 transmitters ranging from the 80 kw. unit at Washford (considered by some as being located in Wales) to the 500 watt ones at Plymouth, England and London- derry, Northern Ireland. In this case, the problem has become much more complex in the last few years, as there was previously a 100 kw. transmitter at Brookman's Park, England, whereas there is now only a 35 kw. one. At that time, a DX'er on 1210 could well choose the Brookman's Park transmitter, as Washford was not operating 80 kw. at the time either. Now however, the "highest power method" is not really applicable as there are transmitters of 50, 50, 35 (2), 30, 20 & 10 kw. on 1210, and the relatively small differences in power tend to invalidate the theory. However, we may achieve a resolution of the problem by means of the "distance method", wherein the stations involved must all air a given program simultaneously have the desired conditions: that of the nearest transmitter to the U. S. East Coast both from a linear distance and a great circle distance standpoint is the 500 watt rig at Londonderry, and the presence of a significant number of other, higher-powered transmitters on the frequency would negate that theory as well. Therefore, we are essentially obliged to log this one as England, "common wave", and at the end, it all comes down to the individual DX'er's criteria and code of ethics.

We may, however, reach the conclusion that when we encounter a frequency where there are similarly powered stations, and that no "least distance method" can be determined, we may select a particular station by your own discretion here, although a minimum of two or three hundred miles is suggested unless you know that one of the transmitters located right at the ocean and the others are fairly far removed from it. Sea water makes for better propagation conditions and better grounding at the transmitter site), then the "least distance method" is acceptable. Where there is only one station in the group which is significantly of greater power than all the others, regardless of synchronization, it is acceptable to utilize the highest power method to determine the station's identity. In all other cases the safest solution is to log the country, frequency, etc., and denote it as a common wave. As to trying to figure out the power of what you heard (effective power, that is), forget it unless you're in possession of some rather intricate mathematical data and know what to do with it. In that case, we'd all appreciate hearing about the solution.
To deal directly with the specific frequencies and countries involved, it is perhaps best to take an outline approach, and work country by country until we have exhausted the possibilities for confusion:

**GREAT BRITAIN:** We have already discussed the situation on 1214 KHz., but in the Isles there are other potential sources of indecision. One is 1150 KHz., where, to the best of our information, there are three transmitters: two, 1148 and Ramsgate, carrying the BBC Radio I or home service, each with a power of 2 kw.; one at Boarmouth, carrying the BBC One or popular music programme, only with 500 watts. BBC L audio has been heard within the last few seconds on the EC, although there may have been more transmitters then. On 692 KHz., there's little problem, as Moorside Edge (BBC L) runs 130 kw., along with two other low-power rigs. This same true for BR, 1068, 1030 and 1131 KHz., although the numbers of low-power transmitters will vary. All are BBC-L. On 809, however, there are two 100 kw. transmitters, at Westerglen and Burghead, plus two lower power rigs. This should go as a "common wave" and, if current information is accurate, both of the 100 kw. units are located in Scotland. Again, 809 is a BBC-I frequency. Radio 3 on 1516 and 1594 are all low-power transmitters, and BBC-3 on 1517 has the Daventry transmitter with 150 kw., and several low-power ones. Back on 1151 again, we find there also four 2 kw. BBC-2 transmitters, which carry the light programme.

**FRANCE:** The Office de Radiodiffusion-Television Française, the only source of broadcasting in the country operates three major networks: France Inter, France Inter-Varietees, and France Culture. The common wave frequencies are mostly mixed with two or three networks with the exceptions of 1211 KHz., where there are 7 France Culture transmitters all in the 20 kw. range, and 1349 KHz., where there are 5, one of which is only 10 kw., and 1163 KHz., where 6 Inter-Varietees transmitters broadcast with powers ranging from 5 to 20 kw. The 3 "Minor" frequencies are 1156, 1594 KHz., and 1193 KHz. The former has two low-power France Inter and four low-power Inter-Varietees transmitters, while the latter has two France Culture transmitters, 2 France Inter, and two Inter-Varietees rigs, all of low power. 1594 carries two France Inter and two Inter-Varietees, all again at low power.

**ITALY:** The Radiotelevisioni Italiana operates all the facilities in Italy and three internal programs and one foreign one, which at certain times runs the same program as one of the internal networks. Only two frequencies, 1150 with the Second Program and 1594 with the Third Program have only low-power transmitters on the frequency. All of the other duplicated frequencies have random mixtures of high- and low-powered stations, with occasional medium-powered ones thrown in to further impede individual identification. Regional services with local stations break from the network only occur for very brief periods on Wednesdays and Sundays. The National Program (1st) has such combinations of transmitters on 566, 655, and 1570 KHz., where it is virtually impossible to pin down an individual transmitter, and a group of 1 2 kw. rigs plus a 10 kw. one at Cagliari on 1036 KHz., and also a group of medium-low powered stations on 1331 KHz., along with the 150 kw. transmitter in Rome. The Second Program has mixed-power transmitter groups on 1034, 1115, & 1186 KHz., plus the 1154 low-power rigs mentioned above and two 5kw transmitters on 1223 KHz.

The Third Program has the 1594 group of low-powers mentioned previously and a mixed-power group on 1367. Thus, for the most part, loggings of Italy on frequencies where there are several stations are "common wave" loggings.

**SPAIN:** Spain has caused much of the controversy over common waves in recent seasons, partly because there are several "networks," occasional schedules of local programming, and a veritable multitude of stations. Spain also has several "independent stations" to add to the confusion. The government program, RNE is of minor significance here; as in only one case, 1187 KHz., is there more than one parallel transmitter on a single frequency, and here there are only two 5 kw. ones. The Spanish networks are: Red de Emisoras del Movimiento (R.E.M.) whose stations are generally designated by the call sign EFD-O; Cadena Anul de Radiodifusion (C.A.R.), whose stations are generally designated with EFD-O; Sociedad Española de Radiodifusion which is really a network in the American sense, as it is a group of commercial broadcasters linked together in much the same way as our American networks, and generally designated by an EAM-OO callsign (as are all of the "independent" stations not members of the above group); Cadena de Emisoras Sindicales (C.E.S.) generally designated by an ECO-OO callsign, and again a rather loosely-connected group of stations not generally simulcasting; and finally Cadena de Ondas Populares Españolas, generally designated by an EAP-OO callsign.

The major common frequencies shared by stations belonging to one of the groups which DO simulcast programming are: 1106, 1128, 1131, 1394, 1475, 1502, and 1570 KHz.. The C.A.R. stations are primarily a simulcasting operation although there are significant amounts of localised programming. They are found in groups of two, constituting "networks" as they are indeed simulcasting on 1133 and 1570, both of which are shared with several other Spanish stations of varying networks, etc. The Sociedad stations (EAM-OO) while independent do do significant amounts of parallel programming with only irregular identifications locally, and are found grouped on 1106, 1128, 1475, and 1520 KHz. In all cases, however, there are other Spanish stations on these frequencies, and, as in the case of the C.A.R. stations, the best plan is to look for the "echo" characteristic of a number of non-synchronised but parallel programs, which constitutes another form of common wave. In the case of the Cadena de Ondas Populares Españolas, the programs are generally parallel, with only sporadic local identification when such identification occurs at all with the exceptions of sign-on and sign-off. These stations are found on several frequencies, but a great majority of them are grouped on three frequencies where they are the only Spanish stations on the channels. These are 1390, 1394, and 1502 KHz.. Frequently on one of these channels, there will be audio, and you will also be likely to hear a network identification if you stick with it long enough. Of course, as in the case of the other Spanish "common waves," the distinctive "echo" will likely be present also.

**ACKNOWLEDGMENTS:** The following persons or organisations contributed significantly to the preparation of data contained in the foregoing article either by personal communication, previous publication, or personal research:

Technical data: Jerry K. Conrad; Don Kennedy; Paul F. Godley Consulting Engineers; Father Jack Pesia, and Ted Schober (BS WLRS-4170 NY).

Station and Monitoring Data: Ken Taylor; Jerry K. Conrad; WILF.

Spanish Station Data: Special thanks to Mr. & Mrs. Page Taylor Sr., of Hatley N.J., for data accumulated on their trip to Spain last summer. Both were IX'Ers of note and directly involved with the old RADEX organisation.
Cagliari, 8/1/1965

Dear Sir,

referring to your kind letter of December 29, 1964. I am glad to confirm that you have received our station of Cagliari I, operating on 1061,000 KHz, medium wave band.

On Tuesday Dec. 29, 1964 between 07,15 and 07,30 AM Italian time we have broadcast the program 'Musiche del mattino' (Music in the morning) with announcements by a man and musical selection with woman voice singing; this fits the description you gave.

Our medium-power transmitter is situated near the town of Cagliari, and has a half-wave vertical antenna with circular radiation diagram, service area covering Sardinia and part of Sicily and Tunisia; programs run from 06,30 AM to 11,30 PM Italian time every day.

We had many listening reports from Europe and North Africa, seldom from South America; your report is the first from U.S.A.. Signals from Kalundborg IFF, Denmark, operating on 1061,002 KHz, often cover our signals in far countries.

I will be very pleased to give you further details if you wish.

Yours sincerely,

Mr. Benjamin Dangerfield, 3d
202 Governor's Drive
Sproul Estates, Chester, Pa. 19013

Chief Engineer
Of RAI - Radiotelevisione Italiana
for Sardinia
Ing. Enrico Pieri
Dear Sir!

I am pleased to confirm your letter and DX report about receiving Radio Tallinn II on the frequency of 1214 kcs at February 3, 1965.

Wishing you successful DX-ing.

Radio Tallinn
Foreign Relations Manager
G.Teder

Ben Dangerfield — Big George

---

Radio Station KDHiL
Faribault, Minnesota 55021

National Radio Club & DX News
P.O. Box 99
Cambridge, Mass. 02138

Gentlemen:

Radio Station KDHL operating on 920 KC with 5000 Watts has always welcomed reception reports from your members. It may be of interest to some that KDHL does operate after midnight until 2:00 am CST, each Monday through Saturday night.

Keep those reports coming but as a reminder we ask that return postage be enclosed.

---

This Card Will Verify Your Reception Report on the Following Date and at the Following Time.

Date: 
Time: 

Chief Engineer
By the number of reports alone, the WEEB test would have to be classified as a success. CBW-990 was on and caused much QRM to DX'ers not directly on the East Coast, and the next test will be scheduled later in the AM to insure a clear channel. I believe that if CBW were off, WEEB could have made it to the West Coast! Thanks to the DX'ers who sent in fine reports, tapes, and some plain postcards letting me know they heard the Test. Here are the reporters, by state:

NEW YORK: Kanze, Abrams, Lyon, Koss, Brockway, Schneider, Hartloff, Jankowski, Vonderembse, Rader, and Copeland.

INDIANA: McCormack, Taaffe.

NEW JERSEY: Waldron, Berhalter, Barker, Lombardo, Dunning.

RHODE ISLAND: Sheldon Swartz, Tom Yingling, and Dave Schmidt for their phone calls.

OHIO: Schmidt, Rattay, Richardson.

MICHIGAN: Campbell.

MASSACHUSETTS: Walsh, Swartz. (Also logged by GPN, Big George, and Mark Katz; all too pooped from a combined composition & mailing session to report; sorry - HQ)

VIRGINIA: Twine, Tarr, DuVal, Singer.

FLORIDA: Lemak.

MARYLAND: Kilroy, Gary, Yingling, Feidt.

ALABAMA: Ward.

SOUTH CAROLINA: Ballard.

MAINE: Smith.

CONNECTICUT: Caldwell, Vitti.

Thanks very much, gentlemen. If there are any who did not receive their verification, please let me know. The test ran only until about 0135 as I drove from Baltimore the afternoon before and was pretty tired. Thanks to Sheldon Swartz, Tom Yingling, and Dave Schmidt for their phone calls. Evidently there was another tester on at the same time as some reporters mentioned a test which was not WEEB. *Interestingly enough, reception conditions varied greatly within 6 miles! Some NJ DX'ers reported strong signals while other others had a hard timewith CBW, although they were using the same type equipment and lived within the same area. Will try to put on another test next year at a better time (like when CBW is off).

-JOE KURETH

*There was quite a nasty het from the TA's on 989 kHz audible here at the time. Joe perhaps one of our less experienced members mistook the TA for a domestic test? GPN

"I would like to order some more of the NRC Report Forms. They are great, I cut my writing time in half. Enclosed is $2.00, $1.35 for the forms and 65¢ so they can be sent first class. (T. D. Buckley, Jr., Va.)
Greetings, people: for those who don't know, the "prok" which occasionally appears in this column is a literarian allusion to what was the second most popular book for pleasure reading (after "Catch-22") as well as a sort of socio-political manifesto disguised as a science-fiction novel. Now you figure out the title - the author is perhaps America's most noted sf writer. Some IX here will due to yet another receiver malfunction - my selectivity's gone, and with it, all mill sharpness. This weekend will find me checking bypass capacitors, & voltage, rectification, etc. - yech. New WRTH is in, and from a casual glance, they seem to have followed most of the Canadian, P.R., Alaskan, Hawaiian, and U.S. lists, so that for country listings, list a few suggestions, such as listing Canadians of 19xx only in country listings weren't accepted.

Anyway, on to IX, and one final question: Where are the Snowdens of yesteryear?

midnight to sunrise

560 KLVI-Te Hrd w/ KZ newbors OGLI 1/2 w/ Mon (Blake Lawrence, Canon CyG, Co) * 580 WATTM-S/G off hrd 0301 1/5, per varie, s/off changed 10/70 to 0300. (Jerry Starr, Youngstown, Ohio) (Starr)

590 WBS-Fa TEST in at 95%, but much Cuban GUM. Had tones & many ID's. Hrd 2-11 test amog, "tone distortion test" 0302-0315, GUM de TEST & Cuban (Mon HS, Ind.) *=Welcome, Bob.* "TEST in." well w/ varying TT's 0300-0315, also I called GE to thank for test. (Dave Schmidt, Youngstown, Ohio)

560 CGP-Om This confirms Myers report of NSP here. Hrd strong, some spasm on to.00 (Steve Feinstein, Framingham, Ma) * Wel-come.

560 CHIP-Te Hrd w/ nx 0500 1/11, v. clr w/ no sign of KNRR, were they off? (Feinstein) *=Yes, till 0700 pr log - RJE./* Noted running TEST w/ ID 0355 1/11 (Schmidt)

# WPSM-Te Noted AM 4000 1/10, could be NSP now. (Schmidt)

# 710 WMJ-JY Off w/ ID 0111, just 00, TT most of AM. (Schmidt) *=You bet, and whatta bunch of spurs a TT cutta this one creates... RJE

# 710 WHAM-AL On w/ 850 Elvis pe's request at, hrd 0121 1/1, w/ ads, ms, ID, etc. (Page Taylor, Butler, N.J.)

860 KGAM-Ke Tuned in 0120, as ending ID, waited to tape another, but none happened, even at 0011 s/off after 1/3 (PT) *=RJE

# 890 WLS-IL Off MM 1/1 0100-0130 (Schmidt) *=But naught else there, right? 590 WYD-Ia RT-1030-0110 1/1, one ID hrd 0019 (Starr)

950 WIX-ML Hrd w/ s/on, vocal SSB 0515 1/11 (Starr)

970 WAYD-Ke V. good w/ promo for traffic alert for 0510 1/11 (BL)

980 WPAC-Mo Off w/ ID 0130, A/P/ (Schmidt)

1110 WADD-Im Hrd w/ ID 0200 1/1 after revival pgm. (NL)

1150 WSW-Or ET w/ AKB using GG & TT c/o RTKU 1/1 0100 1/18 (PT)

1210 XPL-Im Hrd 01/12 0100 1/1 on "Good Times America" (PT) 70A = FL Hrd MM 12/26 0130 w/ WHAM off (?), Hrd w/ "Breakfast Show," who do they beam to ?? (Feinstein) *= Cuba, but I wasn't aware they were on then... besides WHAM is listed off Sun, AM, and was 12/27 RJU

1150 WAWK-In FL w/ ID 0128 1/1, a/s KHSX (PT) *=To him, of course, the latter is a pest, grr -RJE
...Progressive rr format w/ WJMX 1650-58; looped W., call on tape twice, just has to be WELK, the announcer was a bit mosh-mouthed. Format, bearing self WRED... unless they or someone has changed calls, or my loop is screwed, I dunno who. Only call phone... close? I guess. S/off 1410 1/4 (DL)

Fair w/ WOR 1853 1/11 (BL)

Hrd w/ soil until 1615 s/off 10X1 1/9 (BL)

Good w/ xx 1800 1/9 (Paul War, Ft. Worth, TX)

Copied S/off 1817 1/9, didn't realize they were on (Hart)

Good w/ xx 1910 1/8 (BL)

S/off after "Bridge Over Troubled Water" 1730 1/8 (PT)

S/off = to WRL 1726 1/16 (PT)

2100 Hrd S/off and clean w/ CIR SID following xx 1715 1/14 (PT)

Hrd S/off w/ slow SSB 1915 1/14 (BL)

Good and early too w/ 1711 1/9 (BL)

S/off w/ WSBT 1624 1/14 (BL)

Completely atop and clear 1714 1/14 w/ several consecutive promo IDs (PT)

Hrd w/ CL xx 1958 1/3 w/ XXEL killed by aurora (BL) => WHAT aurora?? -RJE

Fair w/rr, SID's 1822 1/9 (BL)

FORENOON

Hrd w/ usual rr, but at 1230 1/1 (PT)

Once again, we reiterate that all changes item not listed above will be covered in one of the upcoming updates in February. Also, we again ask all contributors to please be selective in submissions so as to root out "routing loggings"... Many thanks on r/c response, but we'd still like to see more from WINDSOR, EVANS, & SHERMAN.

73's RJE