

VOLUME 39


JANUARY 8, 1972
OLDEST MEDIUM WAVE OX CLUB Estoblished 1933
32 issues per yeor $\$ 13.001 \mathrm{st}$ $\$ 10.75$ 3rd \$14.00 Air
"If it weren't for the NRC and DX News I probably wouldn't be DX'ing anymore. Keep up the fine work. "
(Rick Briggs, Ohio)

## IN THIS ISSUE!

A CALIFORNIA BEVERAGE - Fr. Jack Pejza LATIN AMERICAN MUSIC FOR DX'ERS - Ron Schatz SUPREMACY RATINGS - Norm Maguire PHOTOS OF FOXY'S NRC FET ALTAZIMUTH LOOP - Foxy \& HQ DOMESTIC SUPREMACY RATINGS - Bob Karchevski

## New Members !!

*Dave Singer, Troy, N. Y.
*Charles Shaffer, Gainesville, Fla.
*Richard Quinn, Fairview, Pa.
*Bill Caldwell, Fitchburg, Mass.
*Roy Barstow, Teaticket, Mass.
*A. B. Scholl, Brant Lake, N. Y. *Michael Book, Madison, Wis. *Harold Josselyn, Zanesville, O. *Harold Kissack, N. Vancouver, BE

Welcome to the NRC, gentlemen, we hope to be reading of your DX activities often here in DX News. Welcome back to Bill Caldwell and Roy Barstow; apologies to A. B. Scholl and Dave Singer for the delay - their original application forms were amongst the mail stolen along with GPN's car several weeks ago...

## RENEWALS !!!

Stewart... Kureth... Anderson... Plunkett. . . Ryden. . . Hamm. . . Sampson. .

Many thanks to the numerous members who sent Christmas cards to $H Q$ and the HQ crew; though we were too busy getting out DX News to send out any cards ourselves, we greatly appreciate the thought behind the cards received here! Also thanks go to the several members who have volunteered to help under-write the membership of Zbigniew Orogek in Poland; you'll be hearing from HQ shortly. If all goes according to plan, there'll be a Boston area get-together fairly soon, probably sometime between Edmund's NJ thing and the YAD II Annual Fanork... Unlike the others, though, the Boston get-together will feature educational activities such as addressing DX NEWS, sample bulletin preparation, etc. Enjoy, enjoy..!

As we're sure all of our members no doubt realize, the NRC is a nonprofit club operated entirely by unpaid volunteer workers for the benefit and advancement of the MW DX hobby. From its founding days in 1933 as a round-robin letter exchanged between a handful of pioneer DXer's, the NRC has grown to become the internationally-recognized leader in the BCB DX hobby. The NRC's unpaid volunteer Editors and Publication Committee members prepare and mail almost a half million pages of DX NEWS every year on a clock-work schedule the equal of many a commercial newspaper or magazine... Plus responsibility for the production of special projects such as the Domestic and Latin American Logs, the up-coming Pattern Book, 8,000 pages a year of reprints...

Several times since our founding in 1933 it has been the unfortunate task of the publication workers to announce a dues increase in order to compensate for rising production costs. At the time we were forced to raise NRC dues because of postage increases way back in 1967, the NRC was producing about 700 pages of mimeographed DX News yearly. Since that time we've gone offset, increased the average annual page count to over 1,000, and initiated projects such as the Domestic and Latin American Logs, Reprint Service, and the in-preparation Pattern Book. In short, we've made what we think are rather substantial improvementssin the NRC since 1967 - without dues increases during a period when inflation resulted in cost increases in almost all prices. In fact it's downoutright difficult to find anything whose cost hasn't risen since our last dues increase!

At the time the Post Office increased postal rates by $33 \%$ last year, we announced that we'd be holding off on the necessary dues increase in the hope of obtaining our Second Class permit. Since then we've had our plans thwarted by the Postal Corporation transition, pending 2nd Class rate increases and rules changes, as well as the Nixon Freeze... Not to mention a $30 \%$ increase in the number of pages of DX NEWS copy arriving here at HQ every week...

After many planning sessions between the Publishing Committee and the NRC's Treasurer, Tom Holmes, we've been forced to the unpleasant conclusion that we have no choice at the present time but to increase the NRC dues structure in order to compensate for the increased postage and production costs which have been accumulating since we last decided to increase dues late in 1967. Printing costs have increased by about $40 \%$, First Class postage by $33 \%$, and, in a few weeks, Third Class postage by a whopping $55 \%$. Since our attempts to obtain a satisfactory 2nd Class permit are presently stalled, we have no choice but to increase dues until the 2nd Class permit is granted (or postage rates decrease not too likely, that!). In either of those cases the dues structure will be reduced accordingly. The new dues structure has been calculated to include the $23 \%$ increase in 3 rd Class rates scheduled to go into effect later this month.

Since our last dues increase the Publication Committee has done everything within its power to resist a dues increase. Profits, such as they have been, from HQ projects such as the Logs have been returned to the Treasury; by the same token payments for club-related commercial projects such as World Radio Handbook materials prepared by Randy Kane, Russ Edumunds, and GPN have also been contributed to the Club Treasury voluntarily.

Discounting the cost of postage, which naturally depends upon mail class, the (Continued page 18)

DATE: 1/22-23 (Saturday \& Sunday)
TIMES: Noon Saturday to 6 PM Sunday
PLACE: HOWARD JOHNSON MOTOR LODGE
Route I-80 in Hibernia-Rockaway, New Jersey
(Route 80 is not finished in NJ and travellers will be required
to use I-80 or US 46; any other questions, call Russ Edmunds
at the Motel; phone is 201-625-1200.
EVENTS: GAB, EAT, DRINK, EQUIPMENT, APPRECIATION OF NEW JERSEY, RANDOMNESS: A REGULAR FANORK!

ALL RESERVATIONS FOR SLEEPING ROOMS MUST BE MADE DIRECTLY WITH THE MOTEL! Cost for this incredible experience $\$ 3-4$ per head.


A get-together of Oregon area DX'ers will be held on Saturday, January 15th at Andy Rugg's place in Creswell, Oregon. All DX'ers invited - any band, any club, any state. More information available from Andy; 55 West D Avenue, Creswell, Ore. 97426 .

## NOTES FROM HQ...

Still holding over about 40 pages of material; we're currently suffering an embarassment of radio club riches in the form of more articles and station tabulations than we ${ }^{1}$ re able to fit into DX NEWS in our current schedule - under our new dues schedule we hope to be able to relax our schedule somewhat more than we have in the past. Included in the holding pattern is the latest Captain Glotz installment, half a dozen technical articles, latest LA station info from Gleason and Objio, a large pile of items for DX Showcase, and more... Several enquiries about NRC Report Forms - thanks to the efforts of Greg Carrington we've got several thousand sheets on hand ready to mail out; price is $\$ 2.00$ for about 80 sheets, postpaid... We're out of stationery at the moment; we'll try to get some made up this month and will announce availability here in DX NEWS... One of our members has also asked about NRC rubber stamps while we've never had them in the past, if someone in the club is willing to get them made up, we'll be glad to supply a master copy of the club emblem and take care of the initial costs. Anyone who'd be willing to take responsibility for such a project, please contact HQ... Progress on the Pattern Book project received a slight setback when a package of vital materials went astray in the mail a couple of weeks ago; new maps are being made up and we hope to have the material to the printer in 6-8 weeks if all goes well; watch DX NEWS for latest information on availability... Phil Sullivan corrects our statement re the 60 page issue number 10: the largest previous DX NEWS was only 48 pages so number 10 is by far the high-water mark...! CREDITS: publication of issue number 11: Cary and Lynne Pall, Randy Kane, Diane Nelson, BGK, and GPN... Composition crew for this issue: BGK, RK, and GPN... Special thanks go to Lynne and Cary for preparing and mailing about 75 sample copies of DX NEWS this week... We understand that the new is sue of World Radio Handbook is now being held in customs; latest information from Gilfer says that delivery will be in 2nd or 3rd week of January...

GPN

APOLOGY
Cur Flectric typowriter had to go to the "hompital" after cutting eight pages of hueinet, with soveral ailmonte too mamarous and complicated to mention hore. So, wire bringing out our old tristy rold Faithful" again, which eerved the club weil for macy fears. We hope it make good copy.

## TESTS

ke/a


Watts A.M., E.S.T. Info
 500 D-1 A.M., E.S.T. Info Fri. Jan. 21 MEG 740 Williamburg, Virginia $500 \mathrm{D}-1 \quad 1: 15-1: 30$ VDTA Yon. Jan. 31 VEC 830 Cap Haitien, Haiti $\quad 2,500$ [i-1 2:00-3:00 VDXA (or 1/24) 4 VEF 1035 Cap Haitien, Haiti $10,000 \mathrm{~J}-1$ 2:00-3:00 VDXA Sat. Feb. 5 K S D R 1480 Watertown, South Dakotal,000 D-1 1:00-1:15 NRC Mon. Feb. Mon. Fob.

W. have a couple for Mondey, January loth, probahiy too late, though

Mon. Jen. 10 D VL 1270 Vineland, New Jarey $500 \mathrm{D}=3$ le: $01-3: 00 \mathrm{NRO}$ 10 WTVC 850 Daluth, Mimesote $10,000 \mathrm{D-3}$ 2:00-3:00 NEC 10 FI A T 1400 Marion, Indians 1,000/250 U-1 2:00-3:30 NRC

WDVL- Fhie Proof of Performance Tont will be on either Jan. 3 or Jan. 10; they wore not aure. Reports go to Mr. Joneph Fitugeraid, MDVL, Radic Park, Vinaland, N.J. © 0360 . Info froxi Ruge Etmande.

WIV- No info on modulation type, but sand those roports to Mr. John B. Talcott, WWJC, 1120 Rast McCuen Street - Duluth, Minn. 55508 . Sort of a tough channel, but they're now on it, with tenkilowatte. Roger Mineor.

War- The first and lant hall hour will be done with full daytime power, and the middle portion will be on 250 watte. A prise goes to the furtheet raporter to each of the three periods. Look for Tonell and Dixieland masic. It's another tough channel, of course! This info got here on time bat was pot eway with a Misiag, biligg on the tame theet of paper. WES BOYD.

FHFXX Domald Shank, Chiof Engineer of WEEX, wouli like to hoar from DXers ly phone (not collect, though). Helll give the ramber over the air. We do not know what sort of modulation'li be used, however. Why not tume in and find out? It's a fairly good chamel, jou know. DAVE SCEMDT.

WCOM- In December, they did not how at 1:15-1:30 - it is belisved this check is on eariler; just after midnight, so better try then!

And, an NNR program for Sunday AN, January 9, in KKZO-59 Ok, Kalanazoo, Mchigan from 5:00 to 6:55 a.m. With Fow off. We did not receive notiffation rom NNRC, but picked the tip from the IRCA' ${ }^{\text {e }}$ DX Monitor of $12 / 25 / 71$. Report to the Chief Mnginear, WX20, 590 Fast Maple Street, Kalamazoo, Mich. 49004. Gene Moser, NNRC

## "AN" SITUATION



## MUSINGS

RUGLR GIANNTNI - Apt. A-33 Ben Louis - Belleville, Illinois - 62223 $12 / 8 \mathrm{PM}-\mathrm{SM}-2$ is giving good results on renewed TA activity. 15861554 fair © $8: 30,1457 \mathrm{R}-4$ poor $18: 40$, 1439 het noted e $8: 45$. 665683737 845 were weak to fair, 8:45-9. GJR-1060 w/KYw partially looped 9:37. 12/9-TAs beginning to apprar again @6. 935 weak w/readable Arabic. 764 strong het, weak audio, 6:05. 725 Sk fair 6:07. 935 cood audio e $610 \mathrm{w} / \mathrm{NX}$. $1034 \mathrm{CiB2}$ good audio 6:13, back to het 6:15, not confusing 2/1035. ©BJ-1580 even w/KFIK w/WLLS looped e6:36. 12/10 HM- KIXL-1040 weak w/wHU partially looped. kLRA-1010 good w/local kXEN partialiy nuiled 5:18. EK心 would weep to hear how little splash KXEN's KXEN in order to maintain loudness a at the same time eliminate the side effects, KXEN installed a semetra peak in its audio chain that will effectively clip the positive feaks at 100\%. Some spikes still get through the system, but they are creatly reduced. Suggest that to WABC: 12/11, daytime DX. 11:15, WnYL-1530 ( $\%$ ?


 $1010 \mathrm{w} /$ hatu looped 6113 . IVult-700 v/waw purtially logped 6t2B, Severnl unid




 v/wenk a! gal 7: 7. HJCX-700 w/WIw looped, 7:50. R. Ancuilla-1505 noted w/Chrid mas mx 7:54. WWUN-1590 w/wKAR 100ped 8:02. 695 at cood level w/light mx.
771 easily split off from WABC 8:15. UnID LA on 735 fair e $8: 34 \& H J B X=1055$ 771 easily split off from WABC 8:15. UnID LA on 735 fair © $8: 34 \& \mathrm{HJBX}-1055$ good at 8:50. 73 .

JUStra MARkwICZ - 1384 Eigin Avenue W. - Winnipeg, Mainitoba R3E 1 B6
It would appear that some teachers do not know what Christmas spirit is as ther like to dump on us all these tests, tests, essays, and more tests. This stuff doesn't help my listening, that's for sure. I noticed CKDM730 is now off nights that Fell is here. CKDM always goes AN during the Summer, like CHAT-1270 does. In the mail the other day I ot a v/l from Klus-1420. I thou cht somethint was strance because they verified a report of mine from 8/30/70 on $9 / 4 / 70$. Then they verified the same report again on 12/8/71. Does KTUs always do everything double? while I'm at it, I've received two veries from the same report from KXLLL, $N T L K$ WIZM KBUX KUA KMAV nJTF. vne of the wimipeg stations is look ng for a female DJ, probably for a promotional thing because they got slaughtere in the BEM ratincs. No stations have been mentioned yet, but I think CrRe is the one. For those who might be interested, wwJC- 850 Duluth s/on \& s/ofs are as fol lows: Jan.: 8:45-5:45 FST. Feb.: 8:15-6:30. Mar.: 7:30-7:15. Apr.: 7-8. May-7-9:30 LDI. June 7-10. July-7-10. Aus. 7-9:15. Dept. 7:45-9:15, vct. 8:30-7-9:30 LiDT. June 7-10. Julv-7-10. Aug. 7-9:15. Dept. 7:45-9:15, Uct. 8:30-
7:30. Nov.: 8:15-5:30 FST . Cec.: 8:45-5:15. wWJC haa ABL NX on the half hour. 7:30. Nov.: $8: 15-5: 30$ FST. Cec.: 8:45-5:15. WWJC has ABL NX on the half hour
Un weeldajs WWJC has © Bam Arri-Business report, $8: 45$ Paul Harvey, $8: 55 \mathrm{wX}$; 9 , Morninc Chapel Hour. 9:35, The Bible Stands. 5pm, In the Public Interest. 5:05, Golden Music, $5: 55 W_{\Lambda}, 6: 35$ Frank Reynold, $6: 45$ Golden Muske till Chapel of the Air, 15 minutes before s/off. I'M mention the Sat./Sun. sked some other time. valy veries this month came from WEw-T70 and a $v / 1 \& v / q$ from CBUF-1250. The CBUF letter said that "I am sure our encineers will be interested in seeinc the detailed report of your reception, $\approx=1$ will pass your letter on to them. 73 .

BUB SHAN = 234 Columbus street - Elyria, uhio - 44035
I'm back home aber spending a couple of months away on a trip out West, \& then working in Delaware, 1 m waiting to enlist -6 , of MMS . The AN show is similar in format to the WRVA/WHAM AN shows. whether this is intentional

I don th know. They zap 940 for me quite effectively. $D X: 12 / 6-$ WKTJ-1380 TIETT heard here weakly. WGuw-1150 heard for first time, AN-rr. That evening, I logzed CJTR-1150 for the first time es 9:U3pm. 12/7-WFNs-1080 dominant 4:05-4:4upm. These last three are, I guess, the result of not having been home to Dx steadily for the past few seasons. Better things follow: $12 / 8-\mathrm{wVAB}-1550 \mathrm{kT} / \mathrm{TT} / \mathrm{UC} \mathrm{a/CBL}$, ID 12: 59am. WHEX-1580 $\mathrm{mT} \mathrm{w} / \mathrm{MOR}$, heard 1-1:10. 12/9-WCLA-1470 ET/IT/UC/mx, 2:33 am, \& IDs every couple of minutes. WAN-1280 L\&C on RS $45: 48$. WTMA-1250 W/NX e
 ged AN, hetting 1270, often stronger than WXIZ. WINR-680 finally heard @ $2: 30$ ID. ged AN, hettine l270, often stronger than WXIZ. WINR-680 finally heard © $2: 30$ ID
As I sat there, wondering why I'd never heard them before (and I've tried often As I sat there, wondering why I d never heard them before (and I ve tried often
enough) who popped dp but WRu! I thought they were impossible from here? After enough) who popped up but WRkU! I thought they were dmpossible from here? After
their Drake ID, both stations faded $u / w C B M$ et al. HJDk-750, which until I heard their Drake ID, both stations faded U/wCBM et al. HJDK -750 , which until I heard
the Caracol ID I had taken to be unn YVKN, ec $2: 36$ while looking for much-wanted YNX. XEAU-910, IDing as La Nueva A- $\psi$, Radiorama © $3: 10$, way way $u / w U B D e$ unID FF YL, soft mx (CHRL? ), w/no sign of KGLC or WSBA. If XEAU is truly 250w, as I have them listed, they are my best $X_{k}$ ever, considering distance and frequency. 12/14-WRAD-1460 ET/TT starting e 2:30. 12/15-wGTA-950 ET/TT heard 2:10-2:28 ID, 18U. wRBF-1270 5:24pm w/Davenport ads. I'm still using the fhilco w/no external antenna.

RUNALD F. SCHATZ - BOX 2814 - AMF - Miami, Florida - 33159
As of now, phene is still AC305-945-4915, home wed. \& Thu, eves on $y$. Also try weekends before 4 pm. Number will change $2 / 1$, possibly earilier, an is when I move into the elghth loor to a January, but the fact that I work weekends vould take valuable vacation time from my planned trip to the Antilles in a few months. I may still makd it, though. Latest domestic DX goes like this: That TI on 625 is " K . umega, not my tentative Cometa as per IDXD, not that Cometa would be a bad name for an LA, hi. A new Dominican on 1561 is R. redernales $\mathrm{w} / \mathrm{s} / \mathrm{off} e \mathrm{e} 11: 30 \mathrm{pm}$. It's not on Ubjio's latest list. redernales is on the $S$ coast \& the Haition border. They gave calls as est list. Yedernales is on the S coast \& the Haitian border. They gave calls as HI--. Can you dig it? Well, accooding to what few Convention questionaires have come in so far, the favourite participation sport is boozing, banquet cuisine is
Cuban food, \& technical seminars are in demand. A lot of good ideas were included \& we'd appreciate more. By the way, RI from Nassau to to Miami totals $\$ 42$. The place has ZNS, a West-Indian atmosphere, \& a crowded gambling casino. Nassau is also a free port loaded with bargains. So far we have one taker for a kM field trip, also several for VuA-11\&U \& key west. If you haven't torn out therquestion oire in the $11 / 27$ DX NEws \& sent it to us, please do so right away, even if you don't know your exact plans right now. Remember that $\$ 60$ Collins seven-element MF I bought beck at the west Sac. Auction: Well, it didn"t work. So I sent it back to Neison to make good his guararice, and I'm probably still waiting for its replacement as you read this -knowing GrN, hi. ume of our members has icstered a controversy over LA stations \& what they cost to build \& own. Judging from the few I•ve visited in Mexico I'd say they run about the price of a good car, which is durn cheap. I'd go so far as to say that any middle-class American could buy XHs-TV in tmsenada, B.C. W/a down payment \& still remain solvent: Iry doint that $n$ 'l'HIs country without a millionaire's help - forget it! Some of those LA stations are as well off financially as some of our own teenage bootleggers: Don't get ideas, the seldom break even - broadcasting has never been a get-rich-quick business, nor seldom break even. Hear all these cheap stations this Labour-Day weekend at our Florida Convention - that ${ }^{2}$ s Miami \& $U$ in 7 ' $2: 73$ y frelices pascuas a todos.
(Isn't that "Happy EASTER," Ron? -ERC) (Isn't that "Happy EASTER," Ron? -ERC)
DAVID SIMKO - 476 Idora - Youncstorm, Ohio - 44511
11/27. I sent report out to WYRE for TEST well heard on 11/26. 11/ 29- R. Sutatenza-950 or something like that, announcing location as Barranquilla 5:30p. WUOD-6if Fla. © 6pm w/unbelievable signal from 6-7 w/no sign of semi-laca WIVN or WIP. 11/30-WKOR-980 Miss/s/on @ 7:02 o/unld Ga. station that s/on
 I really dif on Miami Beach \& hope to live there in the near future. A friend wa telling me that Arthur Wilde's Scafood House is tops in Miami Beach, knowing him
t is probably as fantastic as kearing WGAM on 1120 down th re. That's all for 7 it is probablu as fantastic as kearing the 73 s .

MIKE COLITNS - 2021 Main Street - Stratford, Connecticut - 0649 ?
Hi all! Wo Ifman Jack of XERB fame can now also be heard on the EC ia WTNG-1410 Dayton 11pm-1am seven nights a week. If you haven't heard him he's
 ealiy somethins to hour also. I Ms \& you can hear him then. Kav-1" FINS-1010 WYC is now morning man © WTAEnote AL vazzbo Collins at 1250 Pittsburgh. Recent DX: $11 / 29$, the WCVR-1320 Randolph, Vt. TEST was heard 20 Pittsburgh. Recent ontinte after WJAS-1320 Pittsburgh s/off. At $2: 12$ when \& both off, leaving CJIC-1050 Sault Ste. Marie all aone (they are directional $N$ ). I had hopes for some of the Western Canadisn 1050s, but none was evident. 12/3(Thu.) around 3pm, many Canadians, northern NE \& NY stations in, including WDEV550 Waterbury, Vt., WHENT-620 Syracuse, CFRA-580 Ottawa, CJRP-1060 quebec, CJRS1510 Sherbrooke, \& several others were all in. CKIM which is almost always in during the day here in Winter like WKBN) was solid. 12/4- (Fri. night) WDMG-860 Douglas, Ga. 8:30pm atop $860 \mathrm{w} / \mathrm{rr}$, unusually stonc (may have been daytime power, es Ga. had a record snowstorn that night). 12/5- I visited Wconsocket, R.I. \& noted on unusually strong daytime signal from WLNG- 1600 Sag Harbor, I.I. as strong O WRKO-680 \& WHD-850 only 35 miles SW of Boston At night, 50 kw WRKO-680 and WHPH -850 were both surprisingly weak considering rhey were 35 miles away, w/much fedinr \& stations audible underneath. They were strong enough to wreck their chanfeding \& stations audible underneath. NYC we noted after 1 , only Rediorama in nels ior DX though. MM $12 / 6-$ WOR-710 NYC off, noted after l, only Rediorama in
Mexico evident, no KIRO KMPC WILE KEFL. WHN off at 12 for the TEST (Puerto Rican) Mexico evident, no KIRO KMPC WIL KFEI. WHN off at 12 for the TEST (Puerto Rican) w/TMs heard 1-1:30 amidst such interference as chamer an WKJJ- 1380 Frmington, Me. TEST heard mixed w/another station testing e 2 am. 1 M 12/13-VISS-1090 Berlin, Wis. IEST heard e 3am well, faded completely, but recovered again quite well. WOR-710 Nio of again hope wis is a ina but no do estics evident, \& no Rennes as in the fall. 2:50 I monitored 800. I believe CKLN is only $5 \mathrm{kw} \mathrm{MM}$. every few minutes w/the radio facing $W$ (toward Windsor) overrun CKIW for about minute \& then fade. PJB-800 s/on knocked everything out when it came on @ 2:50. CJAD-800 w/MoR noted $u /$ CKIW © 2:35. WINS RTing \& CFRB heard clearly \& an SS under, \& one $\mathrm{w} / \mathrm{c} / \mathrm{w}$. WAVZ-1300 TTing AB with non-directional day pattern. WFBR too, may be NSP. $12 / 15,12: 30 \mathrm{am}$, KNX atop WIBC/WFII, \& KFI © 12:45 o/WMQ. Is WNEW-1130 off on an RS? I haven't heard then off since Sept. (They 're NSP, Mike -ERC)

PHIL O. SYBTN - 1249 Dresen Place $\# 6$ - Anaheim, Californie - 92801
This is ${ }^{\text {Th }}$ first report, so an intro is in order. I'm 23 years old; work as bortender in Hollywood, and recently moved from Hollywood to Anaheim at my roomate's insistance. Tinsel-Tom was slowly driving him up a wall. He works in this area, so no matter how we cut it, we have to pay for one guy 's commuting. Ny RX is a Hellicrafters "Sky Buddy", only four tubes, but I've heard 14 statrs on it already. Great advantage of oiving in Orange County is a freeway next door, most suiteble for Beverage. A fellow who comes into the bar most nights was able to get me almost a $\frac{1}{4}$ mile of copper wire. I strung it up \& it out-performs anything I ever hed in Hollywood. That's what I enjoy most about workinc with the public; you get to meet so many nice guys. TP $D X$ has been good, but if I only knew how to tell the Japs from the Chinese or Koreans, they all sound alike. I've also fot three Alaskans, \& the one on 650 could also be lojged if KFI ever sicned off. While I was putting up the Beverage, a teenager came by \& asked me wiat I was doing. It seemed he got mooked on DX right away, so we "ve been seeing quite a bit of each other in the wee hours. First thing we did was to install quice a bit of each other in the wee hours. First thing we did was o install a two-way radio set-up. Stations to the E aren't comint in well at all; I can hear KSL \& KOA better on my car radio. Nor have I heard any Hawaiians. But lots of IAs, \& lots of static, primarily from the bic trucks on the freeway. Well, I've got to go out with the guys, so 73 . (Welcome to the NRC, Phil, and we hope rou' 11 be in these pages very often! -ERC)

EFNEST J. WESOLOWSKI - 1416 Pasadena Avenue - Oqeina, Nebraska - 68107
RX here is an $H Q-180 A$ w/the $40^{\circ}$ NRC IOOP. A few veries trickling in: KSEO-750 KUSH-1600 KFIL-1060 KMY 0 -1050 KHAP-1340 on my report, KGEX-1260 WIBL-930 WEAQ-790, KFSB-1310 \& KESM-1580, all v/l. Other loggings include KIKC-1540 Parsons, Kans. s/off © 6:14 on 11/18. Then on 12/2 I finally clude KIKC-1540 Parsons, Kans. s/off @ 10 : $/ \mathrm{s} / \mathrm{off}$ @ 6 pm . Only 150 miles away \&
 first logged. A big surprise came only 11 days after visiting 2 aisl- 1540 from
Nassau, N.P. in the Behamas. A report on Nassau, N.P. In the Behamas. A report on
vailable. With KXEL Ia. off MAs, ZNSI was in the clear at a remarkabie 10 db o/s9 vai lable. With KXEL Ia. Off MMS, ZNS1 waf in the clear at a remarkable 10 db of
signal in Omaha, on $12 / 6$. Same AM I reported KCRL 780 in Reno while changing XRs from 50 to 10 kw , @ 4:02am. 12/9- KEwS-1090 Excelaior Springs, Mo. reported for 6 s/off o/KAAY. KBBB-1600 Borger, Tex. on 12/10 for $6: 30 \mathrm{~s}$ /off \& third report. 12/13- WBAY-1360 Green Bey s/off © 3, good clear bignal. Also CNH-590 reported in EE w/SS programming, $10 \mathrm{o} / \mathrm{S9} \&$ clear. Finally KNAB-1140 Burlington, Col. w/s/ off u/WRVA on $12 / 14$ e 6:31pm. To answer a couple of questions, yes, KFNF +920 Is. is on the air fulitime. Anyone having aMs of directional stations that came on this year, could you please trace or send me their maps for the FMB to be printed by March!' Happy Trew Year. Good show ERC On WWOK in Miami. My favorite while by March. Happy New Year. Good
there over Thanksiving was WWOK.

JCRN W. HOOGERHETDE - 3 Marquette Drive - Marquette, Michigan - 49855 Yvq0-640 Puerto la Cruz, Ondes Portenas - well atop Cuban e $9 p m 11 / 27$ for seventh new $\log$ of evening. Then on 915 , TGKIm 915 R. Emperador for first ID on this long-expected but uniD. Another IA on 905 heard before but unID. Then on 1055 a Colombian which I assume to be HJBX Villa Vicentrro weakly (e 9:20pm, weak het about 553 . 11/28- I heard new call of wRTs- $600 \mathrm{ex-wIST}$, Escanaba, Mich. © 10am (gemi-10cal), KIIN-1400 LincoIn nicely atop @ 3pm on SW loop. Right after WKYC-1100 s/off © 12:10am, long sought KREX Grand Junction on new SW loop. I've been trying for this one every MM for months with no go. New one in lop. I ve been trying for this one every MM for months with no go. New one in
KFOR-1240 1 incoln e 1:05. Very rare KMHI-1400 Marshall Minn. © 1:15, KRDS- 1190 a top $31: 30 \mathrm{umm}$. Two new logi in KPOF-910 o/KALL © $1: 58$. They both seemed to $\mathrm{s} /$
 new loga on same frequency in three minutes, especially when I already had 23 on frequency. A very interesting \& weak SSB © 2:08 u/KJDL, audible on SW Beverage onky, long needed KISM maybe? WFEC-1400 r/C-TT 2:10; KDAY in again on 1580, WCVF 1320 Krndolph, Vt. in well atop on both SE \& SW Beverage w/TT \& ID © 2:20, Vt. \#3 logged. How long have I tried for KRAK s/off e 2:39? Finally there e e $2: 30 \mathrm{w} / \mathrm{c} / \mathrm{w}$
 am. Then © 9:10 w/WX WDOW-1440 in Dowagiac in jumble for new log. 12/6. That RCs Colombian on 1030 announeed as R. Suceso \& not as R. Pactfyco as others have reported. WJIM-1530 N.J. TT/ET w/lots of IDs after WCKY s/off e 12:10, N.J. \#9. A very loud KTKT-990 Tucson on SW Beverage 2:10 w/More Mx-KTKT' SID. WCAU off © 2: 10 but only a loud Ia Viz Amige was noted, WOR-710 noted off for a change, KBTR 1\&C \& KTRU W/CBS NX noted u/© 2:30. Ahother one weaker thore w/E Oft orchestral mx was probably NMPC. TT weakly atop KUDL-1380 $2: 30-3$, WKTJ-MEST maybe? WISS1090not noted on TEST either. SS also on $1380 \mathrm{u} / \mathrm{TT} @ 2: 50$. Who dis? R. Eco waybe? Hell that YTer finally IDed as WKTJ Fermington Me. \& gave phone number u/ KUDL': SSB © 3:10, weak though, \#2 from Me. 12/8-CJFP-1400 Riviere du Ioup well stop in FF on SW Beverage (other end points NE), hi, 6:15am. Article in Milwauke Sentinel says WNAM-1280 Neenah will go AN $1 / 1 / 72$, SPU.

JIM HAYES - 9 Hemry Street - Wilkes-Berre, Pemsylvania
Not too much MN DXing is being done these days due to lack of time, also the sporadic Es on TV are quite strong this time of year which takes up more DX effort. Beginning w/Oct-Dec.: MM 10/25- WGOE-1590 Va. testing e 12:57 sm . $10 /$ 31- WNCT-1070 N.C. 5:30pm. 11/1 MM- $1: 25 \mathrm{am}$, WSSB- 1490 N.C. $2: 10$, WAMB-1190 TEST MM 11/8-CHOV-1350 ont. © 12:21am. 12:38, WMT-600 Ia. 12:42. WHBQ-560 Tem. 11/ 11 1:26am. WTVR-1380 1:32, CKIC-1380 Ont. $11 / 14-\operatorname{COMB}-1410$ Que. © $1: 16 \mathrm{am}$. $11: 59$


SS under them. $11 / 28-$ LAs all over the dial. $12 / 5-4: 30 \mathrm{pm}$, $\mathrm{WRCP}-1540 \mathrm{~Pa}$. 4:59, WEED-1390 N.C. still silightly audible after cutback. 5:01, WCSC-1390 S.C. $12 / 9-4: 30 \mathrm{pm}$, WHWB-1000 vt. $4: 40$, WHEB-750 N.H. More to come.

ROBERT A. HUTT - 9242 Warwick Road - Indianapolis, Indiana - 46240
How, hi are you. Greetings from the Hoosier land. So far this DX season has been really great. In the last month I've received about 40 stations, little over one a day. My goal for the end of this season is at least 500 , \& by the end of DeC. I hope for at least 400 . Iet me report to $y$ 'all the DX I have gotten. $11 / 27$ brought a 250 W on 1450 , KLw from Cedar Rapids, WJAX in Fla. came in good early Sat. AM. $11 / 27$ on $930 \mathrm{w} / \mathrm{v} / \mathrm{c}$; WIIJ-1580 in Shelbyville, Term. was in just for a split econd. Next, WAIK $\mathrm{w} / \mathrm{v} / 1$ on $11 / 27$ e 5:45pm on 1590; weve 1600 in Huntsville, Ala. is farily regular if WhRL can be looped. They verify w/ v1. KIIK-960 Mo. is fairly easy on SSS $w /$ WSPA nulled. KWAM is a good catch from Tem. on a crowded $990 \mathrm{w} / \mathrm{CBF}$ looped on SSS. WAMY $\mathrm{V} / \mathrm{c}$ I caught $\mathrm{w} / \mathrm{s} /$ off on 1560 ouf $12 / 2$ also on SSS. Then on $12 / 4$ a $\mathrm{f} / \mathrm{c}$ from WSEN 250 w from I 11 . came through IRC . I thanked the CE for conducting the $\mathrm{f} / \mathrm{c}$. Speaking of $\mathrm{f} / \mathrm{cs}$ \& Special DX TESTS, I noticed that only 13 members were in the CPC. There was the request for more volunteers, \& since I have not coutributed arything to the making of $D X$ Niws, \& since $I$ began to feel somy for the guyg tho devote their time to DX NEWS, I decided to help. Hosever Jerry Starr has not returned my letter regarding the info on participation in the C.P.C. Maybe some of you other gays might be willing to help out; it sure does make the hobby more interesting. Find of sermon. The night of $12 / 4$ has brought ma best DX in a long time. KVRA-1570 in Vermillion, S.D. is noted on regularly from 5-5:10pm w/b/off. Also Canadian CXCK Sask. came blasting in on 620 e 2 am MM. Midwesterners might look for WHIC inMinn. © 5:50pm on 1280. \& also KFYR-550 Bismarck N.D. :bout 6:23am. Other reception includes KDPP Tex., KXIR Ark., KSOO s.D., WOKZ Ill., WHRL Ind., WJPS Ind., WDXE Tenn. V/c from KFH WDAK IXOK WJAX KCRG WKY WAMY. ( $\mathrm{v} / \mathrm{q}$, maybe? -ERC)

## DAN PHILIIPS - X-2 Seminary Village - Louisville, Kentucky - 40207

$11 / 22$ - WUST-1120 heard for the first time (e) 4:40pm. This was followed by a beautiful signal from wUFF-710 © 5:19. No sign of WROM which is unucua1. 11/27-While DXing from near Cookeville, Tenn. I heard YUCR-860 Sparta, Tem. on RS. They came on for the first time the day before. This frequency used to have KIVK \& wMIS on it when I was DXing from Clinton, Term. Now they have departed to $850 \& 810$ respectively. $12 / 10-$ Thanks to tip from Schatz in IDXD I heard R. Peninsula on 1170 © 11:07. 12/20-Best Aurora morning I can remember in my $12 \mathrm{DX}-$ type years. SS stations all over the dial. I IDed the following: R. Aeropuerto 910 © $1: 48 \mathrm{em}$, XPNK-680 @ 2 a/WPTF, R. Tropicane-540@ 2:11. F also heard DX of WANR-1440 © 3:10-3:30 \& WOBR-1530 @ 4. WCKY threw their carrier on at exactly the start of the TFST sO I imagine it hurt their response. Other interesting notes: I heard the editor of the Old Farmers Almanac on WCAU the other night \& he was claiming a rate of $75 \%$ correct on his WXcast. So I got one! He has missed every day so far, however. It was interesting to hear him say the CIA \& NASA call him for info about the WX \& radio reception. This character says you can take the Almanac \& predict radio reception from $1 t$. For someone $w / W X$ knowledge this might be a new area for DXers to try to understand. WX definitely affects DX but how can we understand it is the question. Best of the New Year to all. 73.

TTM KERFOOT - 34 Cross Street - Weston, Ontario
There is not much to report since last Musing. 12/5-WLKE-1170, (8) $6: 33 \mathrm{pm}$. 12/10- I tried for KWYR-1260 TEST, but only heard WNDR/WFFM making a lot of noise. That one would have been really welcome because S.D. is the only state I have heard without verifying. 12/15- WJFF-1230 6:30pm, great signal. Doug Sharg in his $12 / 11$ Musing, mentioned a problem that has puzzled me throughout my DXing career. The evaluation of DK. Is there any universal standard for "good" DX? Surely there is more to be considered than power \& distance. Usingthose criteria, KFDS-1190 in Phoenix, which is often hemrd in the NE, would count the same as KRIZ1230 in the same city whichiis for all intents \& purposes impossible here. Pattern \& freq. are as important as power/distance. Any other points of view on this? B.

Fr. Jock Pejza

Having heard so much about beverage antennas, I decided to try my hand at one to see if it's all that people claim. Since I don't have room here in San Di ego (a city block is only about 600 feet long nere) and since overloading from locals was overpowering on the 500' longwire I tried here, I decided to try my old DXing location in Ojai. There I had plenty of room and no powerful locals. 0jai, I realized was not the best Dxing location in the world, since it is in a valley roughly $700^{\prime}$ above sea level, surrounded by mountains up to $6000^{\prime}$ in height, no more than 10 miles away. This would of course wipe out the low angle paths up to $7^{\circ}$ or so, explaining why I never got any TP receptions in my previous stay there However, I was interested in seeing how a beverage antenna would function in such a situation. On Saturday, December 16, I ran a l190' \#22 stranded insulated unterminated wire on the ground at a bearing of roughly $155 \% / 3350$. (The first 100 were at $1450 / 325^{\circ}$; then $850^{\circ}$ at $1550 / 3350^{\circ}$; and finally $350^{\prime}$ at $165^{\circ} / 345^{\circ}$. The changes in direction were because of terrain; the wire crossed a portion of a baseball diamond, a plowed field, three cow oastures--one occupied-winding uo at the base of a hill.) The next day, December 19 , I raised the wire, which I'll call e-1, $3^{\prime}$ above the ground by suspending it from laths about $50^{\prime}$ apart. The wire was light enougn that it didn't sag tremendously. I also ran a 1470 ' insulated wire, $\mathrm{B}-2$, on the ground roughly at right angles to $\mathrm{B}-1--570^{\prime}$ at $75^{\circ} / 255^{\circ}$ and $900^{\prime}$ at 650 / 2450, across an unoccupied pasture, also ending at a hill.
KFI-640 and KNX -1070 in tos Angeles, 65 properties of the beverage were noticed. Signal strength, while Los Angeles, 65 miles away, were off to the side of B-7. 1090 (200 miles), KNBR-680 and KGO-810 ( 290 miles), KFDK-1530 ( 375 miles ), and KFRE-940 ( 160 bili es). All came in with at least $\$ 9+30$ readings. All these stations were within $15^{\circ}$ of the axis of the wire. Even XEGM-950, wnich supposedly is only 10 kW , was $\mathrm{S} 9+50$. On Bw?, KFI came in with a $59+50$ strength,

Unfortunately I didn't ask for divine intervention. A major auroral distur bance on December 17 kept the $A$ indices high- -37 and 22 on $12 / 17$ and $12 / 18$. Only one TP, China-1040, was heard briefly and weakly.

Switching from one antenna to the other, noticeable differences were seen. For instance, on $590 \mathrm{kHz}, \mathrm{B}-1$ had KTHO in South Lake Tahoe (apparently on late for snow reports) at 350 miles in at $S 8$. B-2 had at the same time the Southern California pest, KFXM, at 110 miles, at $59+20$. KIKI- 830 and KORL- 650 were both boon ing in at $S 7$ on $B-2$, while both were poor on $B-l-K I K I$ at $S 3$ and KORL at $S 5$.

One interesting feature was noted. The extra $300^{\prime}$ length of $\mathrm{C}-2$ was enough to produce signals which were noticeably stronger than the 1190 ' length of $\mathrm{E}-1$, even on stations which were off to the side of B-2. For instance, during the day KOGO-600 in San Diego was 59 on $\mathrm{B}-1$ and $59+20$ on $\mathrm{B}-2$. At the same tine XEPRS was $S 5$ and $S 7$ on $B-1$ and $B-2$ respectively. Perhaps the fact that I did not properly ground the unused antenna played a role in this effect. Quite obviously, however, it is of advantage to use as long a wire as possible.

I noticed no apparent difference between the strength or pattern from B-l when it was lying on the ground and when suspended 3 ' above ground. Obviously this would not have been the case if the wire had not been insulated. This might, however, be useful to people who could not have a raised wire, but could trail a wire along the ground.

Since I knew that 0jai was not the best DX location, and since I also knew that geomagnetic conditions were poor, I really didn't do any serious DXing in this test. However, more investigation in a better DX location with better georiagnetic conditions might prove extremely interesting. For instance, how about a 2000 or 3000 foot wire along a beach pointing at Siberia?


Pattern of beverage antennas at 0jai, Calif., with Parings of stations mentioned in article.

Joining CPC is betten than eating a nait.....join CPC II

Effective 04 December 1971 the telephone numbers for the SPACE ENVIRONMENT' SERVICES CENIER
will be
303-499-1000 ext. 3171/3204/3498
303-494-8101
FTS 303-499-3171/3204/3498

Need Help With The U.S. Mail?

If you have some problems with the U. S. Postal Service, jot this name and address down and keep it handy (we don't know how long this will las because it sounds just too much like a good thing and most of us ar unaccustomed to good things from the Federal government)

Mr. David L. Ordway
U.S. Postal Service

Dept. of Consumer Affairs
202/783-3100
Mr. Ordway is the new ombudsman for the Postal Service . . . and not any too soon, either.

## MUSIC FOR



Ron Schatz

Everyone who has spent any time at all listening to Latin-American radio is well aware that the term""typical Latin-American music" is quite a misnomer! After all, the "tango" and the "chaboth sung in Spanish. Yet DXIers continue to use the term in reports to the bulletin and, most regretably, in reception reports to stations. But the fact remains that there is no "typical" Lat-in-American music; rather there are dozens of musical types native to the Americas. Some, like the "bolero", are popular throughout the hnmisphere, while others, such as the "bambuco", are seldom heard outside the borders of their countries of origin.

Because most of the musical forms found in Latin America are regional and national in character it is possible and even practical for the DX'er to determine the probable location of an unknown station by the type of music it programmes. This should never be estimated as a precise tool, however, since Colombian "cumbias" often become hits in Mexico while Argentine "tangos" are commonly heard in Colombia, etc. The point is to note an above-average amount of a particular type of music being played by a station; e.g., a station playing mostiy "merengues" would strongly suggest the Dominican Republic, but the hearing of only one Peruvian "vals" would be quite insufficient evidence of a Peruvian station.

The various types of Latin-American music can be distinguished from each other in three ways:

1) Rhythm. The "merengue" has a heavy $4 / 4$ march-like beat. In Perna the native "vals" (waltz) has a $3 / 4$ rhythm (1-2-3, 1-2-3, etc.). The Veneruelan "vals" combines a $3 / 4$ waltz beat with a 6/8 "speedy" waltz rhythm (1-2-2-1-2-3, 1-2-2-1-2-3, etc.).
2) Melody. Mexican "mariachi" and "ranchero" music has its typical wailing sound. Indian music of the Andes, such as the "sanjuanito", have a depressing melody. The Cuban "grajira" can be annoyingly repetitious.
3) Instrumentation. Trumpets, violins, and guitars form the Mexican "mariachi" orchestra. The harp and the "cuatro" are Venezuelan. Piccolos and violins are quite Cuban.

Keeping in mind that nc definite identification of a station can be made just going by the type of music it programmes, and that a given type of music must form a good percentage of a station's programming to qualify for an accurate guess, we can describe the music to be heard on stations within individual Latin-American countries:

Brasil. The Portuguese language should give the country away, but weak signals will confuse the language with Spanish. So a description of Brasilian music may still be necessary. The "samba", especially the carnival type, has a heavy march rhythmand is usually played by a booming brass band with a notable tuba accentuating the beat. Singing is nearly always by a chorus, with the peculiar sounds of Brasilian-Portuguese giving it a "spookg" flavour. "A Banda" (The Band), a recent hit by the Tijuana Brass, is a samba. "Mamäe, não quero", also heard in North America, is even more typical.

The "bossa-nova" (literally "new thing") has surpassed the samba in popularity in Brasil, and needs no description.

Other music, except for the language, is similar to "Continental" or international music; "MoR" music, so to speak.

Colombia. The "cumbia" and its many variations (paseo, cumbión, porro, merequetengue, paseaito, tamborera, gaita, etc.) form the popular music of Colombia. The typical "ri-ti-TIT, ri-ti-TAT, ri -ti-TIT, ri-ti-TAT" rhythm of a galloping horse is unmistakable, mostly superimposed on a booming $2 / 4$ beat. The different types vary in tempo, instrumentation, style, and rhythmic combinations, the ry in, tempo, ine paseatto being quite up-tempo compared to the others. The gaita is tropical and lacks the brass of the remaining forms. The unison combination of saxophones and organ may lend a "caliope" effect to a cúmbia.

The cumbia is of Panamanian origin, where it is still popular: It can be heard decreasingly through Central America (where the brassy "tamborera" is the most popular form) and into Mexico. South and east, it extends to Ecuador, and occasionally into Perú and Venezuela.

The officially "national" music of Colombia is the "bambuco", soft and melancholy like a bolero, but plucked on a guitar to the' rhythmof a rapid waltz ( $6 / 8$ time) . The bambuco is relatively rarely heard on Colombian stations, while the cumbia is very common.
Cuba. Here is the origin of the bolero, rumba, and cha-cha-chá. The "bolero", gentle and rolling, is the most popular musical form in Latin America. Its beat is familiar: "1- $\&-2-8-3-8-b 00 m-b 00 m$, 1-\&-2-\&-3-\&-boom-boom". Such songs as "Sabor a mi", "Nosotros", and "Amor, amor, amor" are boleros. Because of its international popularity the bolero is useless for country guessing, but the orchestra that plays it is not:

The Cuban "guajira" orchestra is unique in consisting of a section of violins and piccolos. The piercing sound of the piccosection makes it through the static well, and the combination is rarely heard outside the island.

The guajira melody is repetitious, two bars of music being repeated for minutes on end. The repetitious part is played by the violins, while the piccolos "jazz" things up with sundry ramblings.

Orchestras of brass, more familiar to North Americans, also occur. Both render the typical musical style - a lot of repetition and the typical Cuban "stall" before the main melody begins.
"Guantanamera" is a model Cuban guajira melody, tho the Sandpipers' version is somewhat toned down for American eers, to say the least.

Other musical forms include the "guarecha", sounding half bolero and half cumbia. A "güiro", or serrated gourd, adds the "cumbia" effect. The guaracha is also highly repetitious and often played by a piccolo-violin orchestra.

The "décima guajira" is the folk music of Cuba. It may sound like "Guantanamera" wailed by a drunk in unison with a guitar. vised by the complete the "decima" (tenth), whose lyrics are improvised by the singer ("poeta") and created during the long guajirabeat intermissions" between stanzas. Lyrics are often political and emotional, thus the "décima guajira" has become a Communist propaganda tool in Cuba and a countering devise among refugees in Florida

Dominican Republic. The popular and "national" music is the "merengue" with its heavy, up-tempo march beat and initial drum roll. It was once a popular ballroom dance in America. Being so international, it is also heard in Central America and other areas. An overdose of merengues generally indicates a Dominican station.

Ecuador. The cumbia, known here as "Colombian music", is extreme1y popular. Other musical types in Ecuador are not quite as live17:

The "pasillo", usually played on guitars, is soft like a bolero and carries a'3/4-6/8 combination beat (1-8-2-\&-3-8, 1-8-2-\&-3-\&, etc.). It is very similar to the Peruvian "vals", especially in melody. This form also extends into Colombia, Venezuela and Perú.

The "pasacalle" is like the pasillo, but carries the Indian melody noted in "E1 Condor Pasa" by Simon and Garfunkle.

Guatemala. The xylophone-like "marimba" is the hallmark of Guatemalan music. The marimba is also played in neighbouring Yucatán, Campeche, Chiapas, El Salvador and Honduras. The music is somew, what Mexican. An excess of marimba masic, such as played over TGJ, indicates Guatemala.

Haiti. The "meringue", pronounced as in the pie, is almost identical to the Dominican merengue, but the melody is usually in a minor key and the lyrics, of course, are in French or Creole.

México. The "mariachi" (literally "marriage") orchestra consists of trumpets, violins, and guitars. Its music hardly needs an in troduction. Popular songs include "Jalisco" and "Allá en el Rancho Grande". A waltz beat is noted in the famous "Cielito Iindo" and
"Guadalajara". The "ranchero" is often called "Mexican country music" for obvious reasons.

In the north, the "polka nortena" may be heard. Except for the melody, it sounds very much like its European namesake.

Around the state of Veracruz the harp is added to the orchestra, giving the music a "Venezuelan" sound, but the melody is still Mexican. Veracruz is the home of "La Bamba". by a mariachi orchestra. The guitars strum out the rhythm normally rendered by drums.
"Tropical" music, including merengues, cumbias and boleros becomes increasingly popular as one heads south toward Central America. Many Mexican stations play it exclusively.

Perú. The pride of the country is the "vals", played on guitars and sometimes with an organ. The beat, similar to a Strauß waltz, is unmistakable. The vals is very soft and romantic, and carries Flor de la Canela", while a recent hit in Perú is "Que Importa".

Indian music, such as the "pasacalle", "tonada", and the semi -lively "sanjuanito", all carring a depressing melody similar to "Fi Condor Pasa" or "Carnavalito" ("Give me another, give me another, give me another kiss..."), is quite popular, especially in the interior.

Puerto Rico. The singing style of José Feliciano typifies the "bugalu", the new, modern music of Puerto Rico. It stems from the "guaguancó" of Cuban origin. To this a Puerto Rican may dance the jala-jala". The bugalu comprises most of the music heard on New York's Spanish-language stations, and Americans know it as "Latin Night-Club music". Otherwise, the music is very similar to Cuban music, but the piccolo-violin combination does not occur.

Venezuela. The native music is the "vals" and the speedier "joro-(-style music has taken over. Ca ós is a long with México city, Buenos Aires and, surprisingly enough, Miami.

The harp is the major characteristic of Venezuelan music. It plucks the melody while ukulele-like "cuatros" strum the 6/8 riyth and a base superimposes the $3 / 4$ waltz beat. The $3 / 4-6 / 8$ combination is unique ( $1-2-3-1-2-3,1-2-3-1-2-3$, etc.), especially when backing the heavenly sound of the harp. But the harp may also be heard with other types of music as well, including the local ver sions of international hits. An excess of harp music generally means a Venezuelan station.

Other countries, rarely heard, will not be treated here.
Remember, never use music to positively identify a station, o matter how regional it may be. It is useful only for judging your list of probabilities, prior to a definite verbal ID.

A tape of regional Latin American music for DX'ers is now under preparation.
-30-
(Note: This article supercedes "Hunting the Latins by Music", Article "F5", which should be destroyed.)
$\qquad$ .o九 ''U kill you!

More Britons Oppose End Of 'British Standard Time' LONDON, Dec. 4 (UPD)-A month ago, Britaln bowed to "British Standard Time"-keep lig the clock the same all year round Ulike the rest of Western
Europe. Clocks were turned Eack for the winter for the first time in three years
But poll results indicate a
growing percentage of the pub growing percentage of the pub thoughts about the wrisdom of the move. The Britsh Marke
Research Bureau sald that 55 per cent of person3 questloned before the switch favered the
two-time method. Oaly 23 two-time method. Only 23 pe
cent were opposed. But the ad cent were opposed. But the ad
pal of bright mornings an dark afternoons appears to have palled, the report ssid
A survey carried out during thowed only 49 per cent still in favor and 24 against. ehowaed thase against numbere.
28 der cent

## New Radio-TV Network Panamanian Radio and TV

To Reach All of Greece At Night is 'For Adults Only' ATHENS, Dec. $12-$ The European subsidiary of the ralled $\& \$ 12.5$-million radiotelevision network for the link the whole country for the first time to the state-run troxdcasting system and enradio programs to any part of the worid.
Page-Europa, the subsidition won the contract in the face of stiff worldwide competition and began installing the system in 1969 The network rings the Greek islands with 17 transtelevision. two FM radio programs and one stereophonic program. Nine transmitters are in operation. The project
will be completed with six more eary next year. The new network will sion for the first time to rural Greece, where almost hall the population lives. The momopoly of pohtical influence to even the remoest of Gry co's 6.000 villiges aso impose a total regulation
terial classified as ma in films, television, radio and in fillms, tefer
PANAMA CITY, July 24 (Reu-ers)-Children will be batred istening to the radio here after 3 P.M. under censorship regu-
lations announced this week. Material classified as for
adults only win be per adults only will be permitted
only after that time, and broad icasting stations weitl be comchildren are not allowed to watch or listen. by the justice ministry, provide
for fines of $u p$ to $\$ 250$ for parents who tet their children mreak the rule. Up to half the
fine goes to any informant ine goes to any informant.
The censorship regulations
相


Only three major radio, sta ions are controlled by the op padio Balmaceda and Radio Radio Balmaceda and Radio
Cooperativa. All have wide mational audiences through pro vincial radio stations that form networks wil
the capital.
Of the three television chan-
nels, two are fully identified nels, two are fully identified are the state-owned Channel are the state-owned Channel
and the University of Chilc's 9 News programs and most com
mentaries closely follow the Government line, which charac terizes the anti-Marxist oppo sition as "fascist."
The third channe The third channel in this capUniversity and by the Catholic University and takes a more in
dependent line. But the Catho dependent line. But the catho
lic University depends heavily ic state funds and has show. caution in dealing with con troversial topics.
The daily press include major independent and opposition publications, such as El Mercurio. Ultimas such as E Mercuno, Ultimas Noticas and
La Prensa, the newspaper of the Christian Democratic party, cial proceedings for its com cial procedings for its com-
ments on the suspension of for-eign-exchange transactions this
week and tax inspectors have paid unusually frequent visits pard unustally Mercurio.
have been campaigning against have been campaigning against
a Government drive to take over Chile's major private man-
ufacturer of newsint uacturer of newsprint. Com y Cartones. The Government drive has involved offers to ny's stock.
Critics charge that strike have ben fomented at the concern's four plants to produce a
shortage of newsprint as a jus shortage of newsprint as a jus.
tification for narming a state ddministrator for the company

SEX... now that we have your attention, why not write for info on how you can become a member of the NEC CNC, do something for your NKC.

UNTED ARAB AMIRATES. Dubai radio went on the air 12/7/71 at 1145 with the identification of "Dubai Radio" and the following announcement: "We transmit on 271 m . ( 1106 kHz ) and 250 m . ( 1250 kHz ) and on short wave 49 meters." The station's behavior is reportedly identical to that of the former Sharja Radio which also operated on 1250 and 6040 SW . This is the projected move of the former "Voice of the Coast" Sharja station to Dubai announced here in IDXD some months ago. (Editor)

YUGOSLAVIA. Radio 202, Belgrade, heard in Europe with youth programming on $1505-1507 \mathrm{kHz}$. (ARC)

MALTA. The 998 station is located at Nigret and operates with 20 kw . Still unheard in North America. (Editor)

INDONESIA. The 1335 kHz station officially operates with 10 kw and is located in Kebajoran, Java. (ARC) (A suburb of Djakarta - Editor)

MOROCCO. On December 4th the Director General of Moroccan Radio and TV officially opened Tangier Radio's new 200 kw station; while presently operating only 13 hours daily, the schedule will be expanded to 0700-0000 shortly. This one has been trying out various channels for the past few weeks including 1196 and 1187; anyone know where they are at the moment? (Editor)

MALDIVE ISLANDS. The British Forces station on 1215 kHz is to increase powerto 1 kw this month. With a location in the middle of the Indian Ocean, this has got to be one of the most difficult but still possible catches on the band...

## CLANDESTINES...

MIDDLE EAST. The El Fatah clandestine station, "Voice of Fatah", which formerly operated on 928 kHz before being outlawed, reappeared on its old channel on December 3rd and apologized for the "long interruption, which was beyond our control and during which wemade every possible effort to keep in constant touch with you'". Present location unknown; formerly it operated from the UAR. Anyone have any info on this? (Editor)

PROJECTED OPERATIONS AND RUMORS...
ISLE OF MAN. The new high power transmitter has been installed but is not in use yet pending final approval from the UK Government. According to a press clipping, the final approval may not be granted until after the new UK commercial stations take to the air some time in the future. (MWN)

HEY ZAIRE... The country formerly known as Congo-Kinshasa is now the REPUBLIC OF ZAIRE as of $10 / 27 / 71 .$.
cost of DX NEWS to the membership under the new dues schedule comes to about $0.8 \%$ per page on an annual basis; those members who feel the new rate structure to be unreasonable should compare the per page cost (discounting ads, of course) of any commercial technical publication with DX NEWS. Were our unpaid volunteer editors and $H Q$ workers to receive even a minimum wage for their weekly efforts, dues would at least triple, of course..!

The new dues rate structure has been calculated to even out the inequitable costing of the old dues structure which had Third Class members actually paying less than their fair share of club operations - a quirk inherited from the old mimeograph days. Thus the increase in Third Class rates is greater than that in the other classes - partially to compensate for the past undercosting and partially because Third Class postage has (or will have by the time you read this) increased 55\% versus $33 \%$ for First and $10 \%$ for Airmail.

International Third Class rates are the same as those for Domestic and will be increased by a like amount; International Airmail rates remain unchanged however.

Another related problem was also discussed at the recent NRC Convention and this is the fact that beginning the week of the postage increase last year, we were forced to put $16 \xi$ worth of First Class postage on each heavy Ist Class bulletin whereas only $12 \xi$ was previously required... All members who then joined or renewed in the year prior to the last postage increase thus have been consuming more postage each week than budgeted under the previous dues schedule. That is, a member who paid for $\$ 10.00$ worth of DX NEWS, will be receiving an extra $\$ 1.30$ of postage per year because of the postage increase. While an additional few pennies a week doesn't sound like much, it actually works out to a figure in excess of $\$ 600$ out of the Treasury over the year - a nonnegligible piece of change! It's our feeling at $H Q$ that the best way to take care of this problem is by proration of the expiration date - that is, pulling the date your membership expires back a number of issues in order to compensate for for the extra postage we must put on your bulletin each week. Thus those who joined or renewed last year will still receive $\$ 10$ worth of DX News but the number of issues received before the renewal notice is sent will be reduced to compensate for the additional postage consumed by that particular member. We think this is easier than increasing dues retroactively, billing for the additional postage consumed, cutting back on the number of issues, or any of the other ideas proposed. The Convention business meeting agreed that a proration scheme was the best out and voted its approval almost unanimously. So if your renewal notice seems to arrive a few weeks early compared with previous years, that's why - the extra postage we've had to put on your DX NEWS above and beyond what was paid under the old dues scheme.

The new dues schedule of $\$ 10.75$ Third Class, $\$ 13.00$ First Class, and $\$ 14.00$ Airmail is based on a somewhat expanded publication schedule; we hope that the extra pages now budgeted under the new dues schedule will permit us to catch up on the flood of articles and features currently accumulated here at HQ.

A dues hike is always a difficult decison and we believe that we've been able to hold the line for a remarkably long time considering our expansion of service and the general state of the national economy. We'll probably be going over some of this again, particularly the proration aspect in a future issue. In the meantime, send any questions to Tom Holmes, NRC Treasurer, 21-2 Garden Lane, Waltham, Mass. 02154.

IDXD Monitor Reports - Back of the File
Have been concentrating on Domestic DX this season but cx have been so great lately I couldn't resist a little foreign work. Have netted 4 new countries so far in Nov.; Czechoslovokia, Ukraine, Algeria and Tarawa
-Bill Feidt
I agree with your comments re geographical selectivity, when stations seem to pass over other stations, and whole areas seer blacked out. I, too, have noted Tarawa while Hawaii and Tonga were not in, and when I had some New Zealand sigs early in the year, I wasn't hearing Tarawa. I have had the Mediterranean stations in well with nothing from Central Europe. Hawaiians, by the way, seem to make it into the Southem U.S. much oftener than into the Northeastern U.S. (and, note Wood's common receptions of WTAI, etc from Kailua -ed.) I still think we are a long way from the good conditions experienced in 1963, 4 and 5. I am hearing most of the TA's, for example, that are being reported but the signals remain weaker and less frequent, especially the Germans and Baltics. Rumania hasn't really begain to core through as it did, and I haven't heard Yerevan- 863 or very much from Scandinavia. But things are picking up. -Ben Dangerfield (Incidentally, regarding the theory Ben refers to, I did not mean to imply that I had originated this theory, I did not. I simply am in agreement with it. -ed)
You lucky people on the EC - all that tremendous TA stuff. Edmunds and Feidt have sent me stuff that turms me green with envy. Russ mentions that they have been trying for USSR-1475. No one on the WC has heard them; Art Peterson of IRCA seems to think that they might have left the channel, perhaps that is what is being heard on 1529 now.
-Father Jack Pejza.
Re: "Britain Sets Clock Back" from WSJ (quoted in IDXD 11/13), no, the WSJ reporter was quite correct. When British Summer Time became permanent, experimentally, throughout the year, its name was changed to British Standard Time; the abbreviation BST of course remained identical. I still read IDXD with interest but am totally inactive on MW in view of high line noise and poor DX results. Have taken up FM DXing, though, and am having a ball there .. 209 stations as far as Buffalo and from 17 states in 6 weeks. (TMx for correction, Richard -ed.)-Richard Wood.

Nothing hrd this week (as of $11 / 24$-ed) really worth reporting. Despite a continually low A-index, conditions just have not been that good. I'm afraid the midwinter "gremlin" may have struck. To make things worse for the coming week, the A-index jumped to 35 on 11/23. If you don't hear from me the next week, you'll know the reason why.

- Bill Grant.

Once again the North Jexsey hinterlands are heard from. As long as there's DX to be heard, I'll try and continue reporting. Cx here on ECNA are so good that a number of us are actually getting tired of, and tuning out Sinkiang-1525 at local sunset. Stay low, O Great Fredericksburg...Tonight $11 / 18$ is terrible, even though the A-index is zero, so maybe some respite from good cx - time to catch up on correspondence, and 3 hours of tapes to listen to yet. -Page Taylor.
November 19 was an interesting night. A high atmospheric noise level was bothersome, but a "funnel" effect into Guayaquil was noted at 0200 on to about 0400 . Quito-1245 and Ambato-1345, usually present with carriers at least, were absent. Carrousel-655 was in over the usually-alone YSS. Carrier was noted on 905. Had strong signals on 945,975 and 995. The HJ stations were poor, though and other LA's were not in at all. Central America started showing at 0350. On $11 / 11$ there were unID $\mathrm{HJ}^{\prime}$ s on $1235.5,1244.5,1246,1252,1345,1342.5,1346$ and 1059.2. No Panamenans or C.A. noted that night. YV's were very poor east of Barquisimeto. HC's were poor to just below average. Almost everything was wiped out at 0200. Only the strongest HJ's remained and out-of-area LA's became audible.
-Dave Gleason.

Nicaragua. YND here well $022012 / 23$ with jingles using "Feliz Navidad"
Feliciano, typical LA stuff. (Helmg, S.C. Peru. Ia Voz del Tumbes, OBXIS, hrd with 2 distinct and taped IDs under the mess 0035 12/2l. After this I'll not discount any possibility during a severe aurora. (Edmunds, NJ) (How lons did they stay in? -ed. Listed 5 kw )
607 Mexico. XFMK with beautiful ID at 0700 on $12 / 20$. Who is this? WPTF the only QRM. (Finillips, Ky) (Copy of Med. Pub. Mex for $4 / 71$ shows XEMK on 1490 in Huixtla, Chis. Find nothing on 680 but don ${ }^{1} t$ have freq crossref, sri-ed) unID. Looping Mexico, hrd with such wierd IDs as "Ondas Sesienta Portena and "Radio Sesienta sesientes Musica" with SS MoR pgm under WAPA and the Cuban at 0748 12/20. (Edmunds, NJ)
695 Dominica. Roseau hrd with "quiet" mx etc. Quite strong though bothered by $\mathrm{HJCX}-700$ and WOR. \#84 here. 0145 12/21. (Edmund s)
700 Venezuela. Radio Popular, YVMH hrd weakly under HJCX and Jemaica 0148 on 12/21. (Edmunds, NJ)
700 Costa Rica? Radio Costa Rica ID hrd 12/20 OT26 over WLW but LA log says slogan is Radio Reloj. (Kureth, Md.)
710 Mexico. unID but strong "Radiorama" stn $081612 / 20$ exclusively with CocaCola ads. (Hauser, Tex.)
(14 Who is Radiorama here? Noted all alone with channel clear between 0600-0700 MMs 12/6 and 12/13, frequent IDs by female usually. Lively mx. Hrdi calls only once "X E Static Burst" (Those are great calls, Marc, hi-ed) and only QRM from WGBS ET-OC. (DeLorenzo) (OK Men, to the rear of the class. See IDXD, p. 8, Issue 39-5, Nov. 6, 1971
$712 n$ Colombia. HJFT "Ecos del Combeima" is the one here, L8C around $060012 / 6$ and 12/13; is pronounced "Com-BAY-mah"; nominally 710 . (Delorenzo, Mass)
715 Honduras. Radio Caribe with mostly US-type FM-style mx, instrumentals, Honduras. Radio Caribe with mostly US-type
many ads, few IDs, 12/19. (Gleason, P.R.)
4h5 Honduras. HRXW, Radio Comayaguela, Tegucigalpa 0425 I2/19 with IA and US ruch. Format fits the 735 unID "Camal 740 " of a few wecks back. Got 2 definite IDs as Radio Comayaguela, and they seem to have jingles that phonetically fit the "Canal 740 " thing. (Gleason, P.R.)
765 El Salvador. Radio Cadena YSKL good with many IDs and into English rock $0504-050712 / 13$, seemed to be // 780 which was weak under WBBM. (DeLorenzo)
780 Cuba. Thning across $12 / 12$ at 0007 surprised to hear an ID as Radio Habana Cuba, normally reserved for shortwave. Pemg seemed that of RHC, too however was not // 11760 kHz . (Hauser, Texas)
800 N.W.I. PJB with frequent mentions of La Voz de los Andes, apparently a pgm about HCJB's anniversary, 0953 12/20. Bet this shook up a few people who were drowsy then. (Hauser)
640 Colombia. Bob, on reading your tip about HJBI in DX News $11 / 27$ your ID is "Canal Preferencial" and not "presidencial" as you said. (Objio) (Many tnx, Cesar. After playing the tape again, it is clear as a bell, now, but certainly fooled me before. I had thought of that word, but the way the ancr went through the word so rapidly made me think of "pres.." Chalk one up.Ed)
850 Venezuela. Radio Valencia, YVLD, announcing name now as "Canal ochenticinco Superpotente" at 0125 12/4, then a lot of pop mx. (Objio)
850 Mexico. XEZF Mexicali hrd $12 / 23$ from 1340 to 1402 with IIX, IDs "XEZF, Radio Mexico" and ads for Adamson Bros. in Caliexico. Radio Mexico is definite; not as I had rptd in $12 / 18$ IDXD. Also had a faint ID from XFM, Chihuahua under XFZF at 1402. (Karchevski, Cal.)
875 Costa Rica. Radio Monumental, TIGPH, Liberia 0410 12/19 with music, first time here, strong. (Gleason, P.R.)
880 New Zealand. IYC Auckland tentatively the one 0915-1055 12/20 with good signals between fades. Light cl mx and operatic mx with accented ancr. Had lons deep fades so no ID or pips across the hour. (Christensen, Wash)
Fiji Is. Lautoka also a tentative logging 12/20 0950-1015 with flute mx and what sounded like pigeon-English. Sigs weak, long fades. (Christensen, Wash)
\#go Panama. Hrd over HIPJ, CMDZ with lengthy ID for entire Radio Libertad net Panama. Hrd over HIPJ, CMDZ will as HOL 81 in David, taped 0717 12/20. (Edmunds, NJ) (CMDZ was IVac)

900 Colombia. Cali noted thru XEW $052012 / 20$ with brassy LA mx and mentions of Cali, Tropical de Colombia". (Helms, SC)
HJEY, Cali hrd here o/u WSWN ET $051912 / 20$. (Edmunds)
900 Nicaragua. YNWS Managua on $12 / 20$ from 0800 with a quite good signal and ID at 0802 as "Radio Tiempo Hoy, Managua" then TC as "Dos, dos minutos with ex very auroral, all but wiping out the Canadians. (Feiat, Md)
905 El Salvador. Radiopolis 12/19 0405 with music following news on the hour Frequent IDs as Radiopolis; het from something on 904.3 (Gleason, P.R.) VRezuela. Radio Aeropuerto clear ID over WORD 0648 12/20. (Phillips, Ky Aeropuerto" IDs between cuts. (Feiat, Ma)
915 unID. That split that everyone has been hearing and IDing as Guatemala is hrd here almost nightly around 0400 but I think they ID as "Radio Internacional".(Helms, S.C.)
Colombia. Radio Continental, HJCS hrd here under WPAT $010512 / 21$. (Edmunds) Cuba. CMBF Havana on 12/18 from 0025 with operatic type mx; ID at $0030 \mathrm{w} /$ call, location and slogan as "Radio Musical Nacional" then back to cl. (Feiat) Mexico. ID at 0738 l2/20. What Mexican is this? (Phillips, Ky ) Likely XEGM Brazil. PRF-3, R. Dif. Såo Paulo hrd with several mentions of Sảo Paulo 0810 12/20-call listed in NRC Iog is PRF4 and wrong, per WRTVH, as PRF4 is elsewhere. (Edmunds, MJ)
Colombia. HJCI, L.V. de la Victor, hrd with WWDJ on ET-OC 05.10 12/20 with mx, ID; in Bogota. (Edmunds, NJ)
900 Venezuela. YVIB Maracaibo on $12 / 20$ at 0820 with Latin mx, AST TC at 0825 and ID by gal as "Exitos, noveciento setenta"; this one should be " -ochenta" but I am quite sure they said 70. (Feidt, Ma)
900 Colombia. Radio EI Sol, HJES, Cali hrd with voice and SID and interminable Todelar ID in the clear 12/20 0728-30. (Edmunds)
900 Brazil. Radio Nacional, PRE8 Rio hrd apparently s/on 0800 as was not hrd earlier, so a change from 0900, with ID $080312 / 20$. (Edmunds)
965 Peru. OAX4J, Lima finally hrd with vocal mx, talk, SIDs and more vocals 0525 12/20. (Edmunds)
Radio Programas del Peru 12/19 0400 with news; ID with full name rather than initials (R.P.P.) so apparently they use both forms. (Gleason, P.R.) Venezuela. YVRT, Radio Tropical with ID just after WPRA ID 0109 12/21 (RjE) Colombia. Cartagena HJAQ "R. Miramar" is the RCN here ex-680. This leads to speculation: RNC in Zambrano booted Voz de Barranquilla. Now, has the latter moved to 680 kHz ? (Schatz) Olom Hrd Spanish here under WINS OC 0731 12/20 looping HJ, missed ID but PT, DXing simul'y by phone caught it as HJCC, Fm. Mil Veinte, maybe Mil. Diez or so (Edmunds) (Radio 1020 has been on 1010 for years, a joke of sorts Colombia. Radio Colosal, HJDP AN and alone on freq 0751 12/20. (Kureth, Md) Venezuela. YVRS, Ia Asuncion hrd 12/21 at 0109 with ID as "Radio Margarita, mil veinte kilohertz" then mentioned that they were the most powerful station in Eastern Venezuela. (Feidt, Ma.)
Panama. David (pron. dah-BFED -rfs), "La Voz del Barú" noted here alone \& clear past $100012 / 15$. Used to be on 1013 kHz 。 (Schatz, Fla) Cubs. New one here is CNFA, "Cadena Agramonte" ex-1000 kHz, s/on 1000 and is // CMJY-860. (Schatz, F1a.)
1055 Colombia. Stn here 1054 12/20 plugging "festival folklorico de Tolima" so maybe Ibagués listed L.V. del Nevado, in Tolima province (state), nominal 1050; had a great signal. (Hauser)
1070 Colombia. HJCG, Radio Santa Fe with clear ID o/u YV $0550 \mathrm{l2} / 20$. (Edmunds) Dom. Rep. HTHD, Radio Oriente, San Pedro de Macoris, at 0300 12/19 with deejay show, Latin rock and tropical mx; time and ID after all records. They mentioned pemg for holiday season. Very distorted with hum in the background. (Gleason, P.R.)
1110 Mexico. XHRCN $12 / 20$ fair with Mexican $m x$ and SS IDs as Radio Colombia NaMexico. XHRCN (Christensen, Wash.)
1130 Venezuela. YVRU, Naiguata hrd on $12 / 18$ from 0048 with Latin mx; ( $\frac{I D}{}{ }^{\text {at }}$, 0050
with Latin mx; ID at 0050 as "Radio Litoral" along with mentions of Fumbos and Caracas; this one was only up for about 10 minutes and then lost to the noise level. WNEW usually does not loop too well, but I guess higher
groundwave component because of aurora helped on this score. (Feidt, Ma.) groundwave component because of aurora helped on this score. (Feidt, Mal here, I can say they are) I hrd them IDing at 0445 on $12 / 5$ with a complete ID. Pop mx. (Objio)
** 1165 unID SA. Whatever this is, it's good. Noted several of the past AMs, generally from 1000 with $\operatorname{mx}$ consisting of Ecuadorian pasillos, Peruvian valses, Bolivian taquiraris, and Paraguayan guaranias (see 645 item-rfs). Anncr has strange intonation, and spoke with some glottals. Closest thing matching weak ID thru shallow audio is "Radio Centenario en Santa Cruz" (Bolivia) which I refuse to believe. Splash from HJME's cumbias on 1170 has been merciless. Will continue to lose sleep on this. By the way, the ID didn't seem to match "Tunatacuyac" of listed flea-power Ecuadorian, though it wouldn't be a bad catch. (Schatz, Fla looped. Excellent signal and good catch thanks to Schatz tip. (Phillips 0020 and agsin with ID after each news item 0125. (Edmunds, NJ)
(e) Cordillera ID $080112 / 20$, then brewery ad. (Hauser taped 0738
(e) Cordillera was the one quashing KRDS $060012 / 20$. (Helms, SC)
© Cordillera o/unk Spanish 12/20, taped ID 0654. (Kureth, Md.) every record. Gave time 0644 as "las doce $y$ cuarenta". (Helms, SC) s/on with NA 0957 12/27, bad YVOZ splash. (Schatz) past 0930. (Schatz, Miami) Colombia. Fusagasuea (Cund.) HJCD "Fmisora Nueva Epoce" completely obli terated HJIG-1205 with NA and s/on info 0948 12/27. (Schatz, Fla.
(e) Radio Nueva Epoca (rptd as l206.2) 12/19 0510 with Colombian mx for Xmas holidays. ID simply as "Nueva Epoca" sans "Radio" (Gleason)
1223.6 Ecuador. Radio Nuevo Mundo, Guayaquil hrd again $12 / 19$ क 20 with basketball broadcast. Very readable and easily separable from the TI. Would guess a power increase here. (Gleason, P.R.)
1229.1 Cuba. CMJX, Radio Noron hrd with C. Camaguayana pgms 0448 12/20. (RjE)

1250 Cuba. Radio Nacional pem // 1260 and 1270. 12/20 0707. Weak but no domestic QRM hrd. Is CMKA 250 watts per IA log? (Kureth, Md.)
1260 Colombia. La Voz del Cesar, Valledupar now moved to this freq from 1255, hrd IDing around 0404 on $12 / 6$ with pop mx. (Objio)
(Edmunds, $T$
1260 Mexico. Radio Capital, XEL with several IDs in Mexican rock pgm 12/20 0640. Mexico. XERPL, R. Programas de Leon, l2/20 $1104 \mathrm{~s} / \mathrm{on}$ with "Buenos Dias singing and mentioning afgiliation with Radio Programas de Mexico. (Haus Costa Rica. Radio Emmas, San Vito Java s/on daily 1000. Noted carrying Monumental in evenings. (Schatz)
1280 Brazil. PRG3, R. Tamoio, Rio hrd here with Portuguese, mx, 0644 12/20 per PT tip. (EAmum s, NJ)
1280 Cuba. CMHM Santiago hrd here 0715 12/20 with usual chime IS. (Edmunds)
1285 Colombia. La Voz del Rio Suarez, Barbosa (Sant.) with clear ID 12/13 0940 just past NA. Regular with fair to good signal. (Schatz)
1290 Colombia. Radio Ritmos, HJIA, Medellin hrd for the first time, ID at 0423 on 12/6. Pop mx. (Objio)
1320 Puerto Rico. WUNO fair with lively $5 S \mathrm{mx}$ and frequent "Hora Radio Uno" TC/ IDs 0625-0640 12/13, pest WVOJ off but may have been the unID TPer from the South. (DeLorenzo, Acme, Mass)
** 1335 unTD SA with very shallow audio and unstable frequency, seems to be Colombian. Noted from 0900 tunein on. (Schatz, Fla.)
1345 Ecuador Radio Paz y Bien Ambato IDed ogas l2/13. In eyery AM past 0900.
1349.6 Cuba. CMKY hrd here with net pgm 12/20 0426; Puerto Padre. (Edmunis)

1370 Colombia. HJEA, La Voz del Cauca, Popayan hrd o/u groundwave Wrea in aurora 0624 12/20. (Edmunds, NJ) (WFEA on Groundwave??-ed)
1380 Mexico. XECO, Padio Eco IDs after every record and telephone talk with listeners 12/20 0629. (Kureth, Md.)
Dom. Rep. HIJC Santiago o/u the noise level with a lively mx variety show on 12/21 from 0030; ID with Radio Nacional slogan at 0045 and mention of Cadena Contenta" apparently a 2 station network; noted a mention of Feliz Navidad Dominicana also. This one was weak but essentially all alone on this loop bearing. (Feidt, Md.)
1395 unID. Ecuador listed here, Spanish stn too weak and brief for ID, 12/20 at 1032. (Hauser)

1400 Mexico. XeGD, Hidelgo del Parral, Chih. with special late pgm of season wishes $12 / 20$, hrid 0835 to 0932 windup, off by 0938. Pgm featured live max and was called "el Dia del Locutor"; strong and dominated freq. (Hauser)
1410 Mexico. XEBS Mexico hrd o/u WMMB r/c, WTNI, WTAQ, ID in mud 0600 12/20 (RjE)
1419 Venezuela. "Petroquimica", El Tablazo IDed past orchestral NA 12/14 1000, then into harp valses. (Schatz, Miami)
1439.3 Cuba. Presume this the same one as hrd last year here, IVdC pgmg, noted 12/20 0405. (Edmuril s, NJ)
1440 Mexico. XeIZ hra with ID, vocals, under groundwave WAAB 12/20 0628. (Edmunds, NJ ) (Again, Groundwave, and at the top of the dial? Sure sounds like Sporadic $E$ to me, or a remote chance of "doughnut-hole" perhaps?-ed) Colombia. 12/20 0525, frequent mentions of Colombia but no definite ID hrd. Iog lists several in HJ-land but only Bogota noted AN. (Kureth, Ma.)
** 1463 Colombia? HJZ? "ondas del Darien" positive ID 12/19 0750, apparently AN, not on any list at hand. Maybe HJZU? (Schatz, Fla.)
1457 Albania. (out of sequence, sri-ed) Hrd in eastern Euro lang, possibly Yugoslav (Serbo-Croatian) 12/12 2130-2155, then Internationale and s/off at 2157. (Grant, Mass)

15:10 unID LA. Noted 12/13 0935 with several fervent mentions of "La onda Nueva" and inclined to believe HTBL but rather weak for it. (Schatz)
1510 Colombia. HJHX 12/20 0859 with monotonous pem of agricuitural tips, long pauses, then ID 0924 as La Voz Fanamericana, which transmits from Floridablanca. Freq slightly low. (Hauser)
(e) HJHX, L.V. Panamericana hrd for the first time IDing right after Radio Pueblo s/off (note RFS-ed) at 0238 on $12 / 13$. (Objio)
1515 Nicaragua. YNCZ "Transmite desde Leon, Radio Progreso, en 1515 kc los, frecuencia musical..." 1115 12/20. (Hauser)
1520 Colombia. Radio Minuto AN as usual, ID, 3:55 TC at 0854 12/20, "24 horas con las mejores noticias y canciones" (meaning they only broadcast good news?-wgh) (Hauser) (Think it means the best, referring to quality -ed)
(e HJLQ, Barranquilla noted 2305 12/17 with spot for firm in Barranquilla and R. Minuto ID then into Latin vocals. (Feidt, Ma.)
1540 Bahamas. Added a new country here without really trying; zNS noted 12/20 0944 with local ad, ID. (Hauser)
1542 Colombia. La Voz del Petroleo, HJHD, Barrancabermeja, a lot of pop mx and ID after every record, seems to have moved from 1535. Radio Canoa, usually on this spot, not hrd this time, on 12/13 at 0347. (Objio)
1550 Colombia. Earranquilla hrd $12 / 18$ from 0005 with lively Latin pops with EST TCs combined with ID between cuts; slogan is La Voz de la Portena"(Feidt)
1550 Mexico. XFBG Tijuana noted 0906-0944 on 12/13 with soul-jazz type mx and deep voiced announcer in English. Many commercials for such famous and inlustrious businesses as the Highland Dept Store in National City (Hey Wait. FJP and RJS shop there!-ed), Nooh's Ark Soul Food Restaurant and Choo-Choo's Auto Body shop. Anncr kept mentioning that his pgm would be on the air to 1:00 AM. Is Tijuana in its own time zone? This was almost 2 AM PST. (Starr, 0 )
1550 Puerto Rico. WKFE s/on loud 0357 12/6, no NA; begins transmission with a rooster crowing. (starr, Ohio)
** 1561 Dom. Rep. La Voz de la Frontera, Pedernalos, hrd for the first time on the


1561 (more) Radio Pedernales, HI-- is brand new and not on list. S/off 0430 giving only the international prefix for their call. Pedernales is in the country's extreme SW corner, on the Haitian border. (Schatz, Fla.)
1570 Colombia. HJHF, Radio Andina, Sentander, new station, hrd for the first time on 12/13, IDIng at 0303 and s/off with NA. (Objio)
1575 Radio Columbia, TIJ, Cd. Quesada 12/19 0445, excellent with deejay show. 1590 Mexico. XEVOZ hrd per PT tip under WTBY 0633 12/20. (Edmunds, NJ)

## Vertfications

770 Panama. Radio Libertad, La Voz de la Revolucion sent very complete v/I for report and tape of $10 / 15$; signer is Albertina P. De Garcia, Administradora. Enclosed banned which listed: Panama-840 with 10 kw , Chitre- 770 with 10 kw , David- 890 with 10 kw , Colon- 1090 with 1 kw and Bocas del Toro910 with 1 kw . Address for all these is Apto. 6700, Panama 5. (Starr, Ohio)
 of $9 / 7 / 71$ which also reported reception of $3 / 6 / 71$. Signer Nouri el-Sharif said original report had been lost. Asks that I listen to 1124 again as power now 600 kw only"; verie dated $9 / 21$ and received $12 / 22$. (Robie, Mass) Costa Rica. Radio Columbia, TILX sent a fine $\mathrm{v} / 1$ in perfect English from Arnaldo Alfaro Chavarria, Eng. Dept. for report and tape of $10 / 15$. Says the $x m t r$ is homebrew with 1000 watts into a $\frac{1}{4}$-wave vertical antenna located in San Carlos. Must be a new station since letterhead lists 7 "Columbia" outlets but none on 1575 or in San Carlos. Chavarria is also a ham, call is TI2AAC. Report was mailed to TIJJC in Palmares as listed in WRTVH and

## 

BILJ FIIIDI - 8703 Contee Road - Apt. 14 - Laurel, Maryland - 20810
DX has slackened off somewhat this time - CX have remained quite mediocre by comparison to 0ct/Nov. New loceings: 12/7- WRCS-970 N.C. was noted atop this spot © $4: 59-4: 59-\mathrm{m} \mathrm{w} / \mathrm{s} /$ off w/no antehm, ennounced PSP as 500 w . $12 / 8-\mathrm{WBBO}-\mathrm{fBO}$ N.C. heard from 5:10pm w/iocal ads \& promos to very informal s/off e 5:15; call was given as "The AM side of BBO" - I think they must have lost their s/off tape. 12/9-WHYY-1470 W.Va. logged © 5:15 s/off, another was doing the NA while this one Was giving his announcement. 12/12 brought a few new daytime catches: WrHu-1450 Thurmont, Md. from 8:50am/Christmas ux, ID on the hour, \& into "Protestant Hour" WOL, the usually very dominant station here was nicely nilled. Is WTHU still 100w? WCVA-1490 V . noted 9:12-9:18am w/religious programming, this is a very difficult frequency for we due to WTOP-1500 slop. WEPM-1340 W. Va. heard fran 9:29-9:36an w/end of Mutual NX, ID, \& MoR w/strong wook nulled. WHIM-550 Pa. heard weak 1. from $9: 55 \mathrm{~m} \mathrm{~m} /$ dominent WSVA nulled; may have been a third "super-weak" signal here. 12/13-CNJG-1270 Cemaguey heard © $2: 25 \mathrm{am}$ w/Reloj Nac onal" format waj atop; KrJZ noted in the null. WISS-1090 Wis. from 2:31-2:45 with poor signal w/TEST, had a TT here plus the Mexican \& these made copy just about impossible, although I did manage to get a tape of an ID. WCHV was not heard. WOR-710 was off once again, but WBT-L110 made up for it by running AN - great! ERC, since you are our resim dent expert on Dolly H., who s/off from HI on 960 (2) 2? (WFTR -ERC) Highband TAs were quite strong on this wh-158\%, 1562, eic.in till quite late. That's about ell for this time - DX \& Season's Greetings to all.


Editor
ERIC DiRICCO
540 Gallion Ave.
Pittsburgh, Pa. 15226
26

| 1180 | C．JTH－Jut． <br>  |  | $\begin{aligned} & 1280 \\ & 1270 \end{aligned}$ | 910．DJ－nT | 组（0ac） |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1170 | ＋WYLC－Man＊ |  |  | SctcoComn | rr（1ic） |
|  | WのLE－N！ | Nelli（ HC ） |  |  | Mriv（1） |
|  | kroo－Ckls | Exa（is） |  | WOLT－3Y | $\pi(*)$ |
|  |  | rr（kip） |  | WSEL－MY | rr（ke） |
| 1150 | KLns－Md． | rabinc） |  | NIH1－112 |  |
|  | क1Tt－TI |  |  | AOM0－Chio | Moir |
|  | aEOX－Mask | Мар（2ck） |  | CJOE－Ont． | FT |
|  | KLIF－Tex | rre（HL） | 399 | Warg－Comen | rr（\％） |
| 1210 |  | fr（KD） |  |  | rrinc） |
| 1220 | WCDy－Coen | $\mathrm{ev}\left(1 \mathrm{~N}^{\text {c }}\right.$ ） |  | UEMA－Chio | th／Mon（2L） |
|  | CHaC－Ont | Ft：CES（TK） |  | W31h－Thas | Kallack） |
|  | WGII－NT | Mod／ry（ $/ \mathrm{CC}$ ） |  | akus－Fena | re（eli） |
|  | 4hte－82 | ©＊（B3K） |  | Whac－itiee | rr（16L） |
| 1230 | 915z－Com | Mob（ $/ \mathrm{Cl}$ ） |  | KOL－榇5． | Pr（ $\mathrm{HLL}_{\text {L }}$ ） |
|  | 4HOU－FI | Mantic） |  | ejtri－bank | re（ivi） |
|  | FTa\％－NE | Marlers） |  | VTA＊－111 | Muatl－11sce（2） |
|  | a $7 \times 5-\mathrm{NT}$ | MoH （ MC ） | 1310 | 11CH－Conn | rr （ HC$)$ |
|  | 絃EX－Fa． | $\pi$（3C） |  | utat－re． |  |
|  |  | rr（MC） |  | WIFE－Ina． | FF |
|  | KE5x－Man | Mose（Bak） |  | whec－Nass | rr （1ac） |
|  | ACLC－Tia． | More（ter |  | 2012－61 |  |
|  | ADHE－Chio | E＊（FL） |  | WHIT－NY | MaH （ME） |
|  | acot－onde | rrisL） |  |  |  |
|  | WCEA－OHLO | Molifist） |  | ckicit－Cnt． | Moil |
|  | A3OB－Ind． | Weil／tk（kO） |  | WKxiloriek | EF（BL） |
|  | A5PC－171． | IF（＊．0） |  | AF2H－Cht | Matr（ HL ） |
| 12 da | ANCO－Conm | $\pm \mathrm{F}$（190） |  |  | tr（31） |
|  | scou－\％ |  | 1320 | WEAll－111． | Forlku） |
|  | avCB－Flans | Malilinc） |  | Wactiofe． | rr（RL） |
|  | TBET－大\％ | Tr（ mc ） |  | WaTH－Comn | Noli（mC） |
|  | Wincy－EI | Moh（14e） |  | CEEN－Cnt． | E＊ |
|  | as，哣－下其 | re（AC） |  | NTOS－Y1a． | \％＊（12C） |
|  | 3153－ky． | on（3．n） |  | Katha－Mase | Mor（ NaC ） |
|  | atat－siv． | Mos（EB） |  |  | Moll（12） <br> c1（lak） |
|  | aEDC－I11． | 30（ 54. | 1230 | WC以H－Mane | $01(\text { iak) }$ |
|  | Wड1V－111． | MaR（K．C） |  | WEVI－DI | 㫙（MC） |
|  | CPILlurue． | Mobe（17） |  | 3104－5\％ |  |
|  | atra－Chie |  |  | WEial－Cisce | FF（EL） |
| 1350 | WKPR－18 | Pr（AC） |  | KMNL－I On | $\mathrm{rr}(\mathrm{HL})$ |
|  | W．flivi | HoR（MC） | 1340 | WFG－Isd． | Pr（Eip） |
|  | 8122－111． | Pr（KO） |  | NIOL－1na， an |  |
| 1260 | EFMM－Cont | Mortiot |  | CFOM－lyut． | Ytrcas（1T） |
|  |  | Yr Cl |  | ails－m | rf |
|  | ARDA－ST | rr（he） |  | $\pi \leq 6 T-T \mathrm{~A}$ ， | rexthil |
|  | AEZE－Tlana | fr（ega） |  | 6alt－sy | rrfuc |
|  | 4a12－＊is |  |  |  | Mnil （0C） |
|  | $2 F^{2} \mathrm{By}-1 \mathrm{nd}$ ． | $\mathrm{HaH}_{\mathrm{O}}(\mathrm{EL})$ | 1350 | 管LK－Corn | Mokr（\％ 5 ） |
|  | 6150－111． | C1／Molitel | 1320 |  | （1ap／rite） |
| 1270 |  | re／holline |  |  | \％ |
|  |  | Tr（me） |  | \％50354． | thek ${ }^{\text {c }}$ ） |
|  | tack－1nt． | Weintic） |  | NLut－Ind． | do．（\％，0） |
|  | 碞最－111． | Hap（KO） |  | atct－111． | Meh（E0） |
|  |  | rrear） | 1360 | 1．FIV－CaI． |  |
| 1260 | 6f．cy－spe． | rT（PT） |  | －10．ctran | rr（柘） |
|  | ankat－fa． | Melv／rr（－1） |  | mKUF－6t | Talde） |
|  |  | frisis |  | $x \operatorname{sen}^{2}-238$ | Heks（En） |
|  | atho－111． | $\mathrm{cos}(\mathrm{KCO})$ |  |  |  |


| 1360 | A－at－Chie | rrimi） | 12 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | WIER－111． | Mor（ MO$)$ | 1430 | K2NE－2T |  |
| 1376 | 1FEA－SII | fre（af） |  | KELT－Clt1a | $\mathrm{Fr}(\mathrm{me})$ <br> $\operatorname{rr}(\mathrm{C} B)$ |
|  | W2．7日－Ind | prise） | 1440 | Wfaberie． | rrifle |
|  | A7TH－Ind． | 16 R （10） |  | What－Nues |  |
|  |  |  |  |  | rrako |
|  | 4krD－if | HoH（\％） |  |  | 5F |
| 1380 | W0akeCona | \％oH（MC） |  | K4Ch－jic | rr |
|  | WHEX－NE |  |  | KItu－ND | rficili） |
|  |  | d5 |  | －c | Hoh／cik（ 3 ） |
|  | ALSE日－7t． | KoFl（听） |  | WOL＝DC | TF |
|  | 1LCY－FIa | rr |  | 罭2R－D0．19 | ack |
|  | IVH－Va． |  |  |  | Mon／rr（kit） |
|  |  | Hel（NC） |  | WEng－7n． | さ5习3（5） |
|  | W， | res ${ }^{\text {cki }}$ |  | Wi．alioctan | Boz（TMC） |
|  | ALRC－Chie | rr（RL） |  | KKX1－5\＃ | Moni（at） |
| 1390 | 良MJ－組10 | fr（S） |  | $40 \mathrm{Cl}-1 \mathrm{id}$ | $\mathrm{NoH}(\mathrm{VC)}$ |
|  | UEUT－NI | HaR（90） |  | 柘11－5II | zrateze） |
|  |  | Mos／CI（K．0） |  |  | rei 100 ） |
|  | AFAL－NI | MoV／rr | 1460 | WOX－II |  |
|  | NPLN－Masa | Hop（zak） |  | WRttechle | 月ak（矢L） |
|  | Whit\％－RY | Morthc） |  | Kさ0－Iow3 | friso） |
|  | ALLen－Fa | rr（ $\mathrm{H}_{6}$ ） | 1470 | CFCS－que． | $r r / t k(r T) ~$ |
| 1400 | 4．CG＝Lann | Kail（NC） |  |  | Kot／re／tik（3） |
|  | dDE－IV． | rrenc） |  | 䛌明－Mase |  |
|  | WhLll－Hasis | ers（bOM） |  | WHT 7 －111． | r＊incko） |
|  | WABY－NY | Voll（atc） |  | AOHD－Chio | Er（Hi．） |
|  | Naccova | rr（MC） |  | 7\％\％NTCunn |  |
|  | WEET－Fa． |  |  |  | rf（he） |
|  | ¢JET－1． | rr （HL） |  | N | rr／ MDF |
|  | WWFP－7a． | Korl（kL） | 1480 | WKaid－Corn | restac） |
|  |  | en（kL） |  | Wion－ta． | rim |
|  |  | $\mathrm{MoH} / \mathrm{rr}$（PT） |  | 18」R－Matia | rre ${ }^{\text {（BaK }}$ ） |
|  | 130U2－415． | Fr（EL） |  | AILOM－3Y |  |
|  |  | Hainte 0 ） |  | WDaE－P8． | esg（AC） |
| 1410 | criss－cre． |  |  |  | rrikB） |
|  | WRMN－1］1． | Hofiko |  | THA－Fa． | rrids） |
|  | W2N0－Chio |  |  | WCIM－DtSo | r＊ |
|  | atho－itich | $F r(R L)$ |  | WIIEC－0hio | MaR（\％） |
|  | 71） Cl －Lem | rr（ 3 J ） | 1490 | Catie－112． | C1（30） |
|  | CEVM－BC | rridit） |  | Cnter－que． | Maitil） |
|  | NT2\％机の， | Koh（ED） |  | ACFi－111． |  |
|  | 217T－N | MaH （ $\mathrm{cc}_{\text {c }}$ ） |  | ，ce－111． | KoHf（\％） |
|  | W0t－5\％ | rras ${ }^{\text {a }}$（ |  | －140－0．0．sa | fry（in） |
| 1420 | たLIJ－Conn | $\mathrm{MeH}(\mathrm{MC})$ |  |  | Mevjer（n3 |
|  |  | re（tac） |  | 1．02\％－ltinn | Mon（2．a） |
|  | －ALK－相 |  |  | A16）－Vass |  |
|  | ALPA－IT | Noir（AC） |  | A fitic－innely | Notr（ PaK ） |
|  | あu＝゙－Iowa | Kar／ex |  | 19xL－itasa | Pr（Bay） |
|  | ＊Aitiolind． | Melit（ka） |  | \％¢－Fa． | rt |
|  |  | MonlsF） |  | ALAD－pu． | IT |
| 1430 | CaFH＝Cht． |  |  |  | FF |
|  |  | cw（av） |  | N1 Uli－Me． | entere： |
|  |  | Novitic） |  | M0ct－Cchat | MCR／7F（ME） |
|  | 古13İ－Ind | dw（H0） |  |  | Fr（tic） |
|  |  | Cx（ky） |  |  | NoR（ NC$)$ |


| 1500 | YRIF-Conn | cw ( NO ) | 1550 | WMIR-Wis. | $\mathrm{rr}(\mathrm{KO})$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | K.JTF-'inn | $\operatorname{MoR}(\mathrm{JS})$ |  | WAAY-Ala. | rr |
|  | MKIz-Fla. | $\operatorname{rr}(\mathrm{RL})$ |  | KKJO-MO. | More(kC) |
|  | $\therefore \mathrm{AXE}$-Ind | $\operatorname{rr}(\mathrm{KO})$ |  | WStiN-Mich | MoR |
| 1510 | CJFS-Gue. | $\operatorname{rr}(\mathrm{FP})$ |  | WKBA-Va. | CW |
|  | HiEx-Mass | rr/tk |  | TWVA-WVa. | cw/Mor |
|  | KGA-Wash. | MoR(RL) |  | WEX2-Conn | $\mathrm{cw}(\mathrm{MC})$ |
|  | WJCO-Mich. | cw ( RL ) |  | NBAZ-NY | $\operatorname{rr}(1 / 0)$ |
|  | WNLC-Conn | MoR/rr ( HCC ) | 1560 | WDXR-Ky. | rr(JS) |
|  | WPan-NJ | $\mathrm{MoR} / \mathrm{rr}$ (MC) |  | WRIN-Ind. | Mor( HO ) |
|  | WPUT-TIY | $\mathrm{MoR}(\mathrm{AC})$ | 1570 | CKLM-que. | Mok/rr(ET) |
|  | *WLAC-Tenn | $\mathrm{MoR} / \mathrm{cw} / \mathrm{r} \& \mathrm{~B} / \mathrm{rel}$ (several) |  | +CFOR-Ont. XERF-Mex. | $\begin{aligned} & \mathrm{rr} / \mathrm{MOR}-\mathrm{Cl}(\mathrm{KO}) \\ & \operatorname{Rel}(\mathrm{JS}) \end{aligned}$ |
| 1520 | WTHE-NY | $\mathrm{cw} / \mathrm{Rel}$ ( MC ) |  | WTCL-Ohio | MoR/rr(Jis) |
|  | WK BH-NY | $\mathrm{rr}(\mathrm{KB})$ |  | WBEE-IIl. | r\&B(KO) |
|  | WINW-Ohio | rr(RL) |  | WRRF-NY | $\mathrm{rr} / \mathrm{MoR}(\mathrm{MC})$ |
|  | Kolia-Ckla | rr (JFI) | 1580 | WFAC-NY | MoR(MC) |
|  | WKNT-Onio | Mor(RL) |  | WCLS-Ga. | $\operatorname{rr}(\mathrm{JS})$ |
|  | WHOW-III. | cw (KO) | 1590 | WLTD-III. | tk/Cl(KO) |
|  | KMFL-MO. | Mon(KO) |  | WSMA-NH | MoR (iNC) |
| 1530 | WHYF-Fa. | cw( $\mathrm{J} \dot{\mathrm{S}}$ ) |  | WEEZ-Fa. | $\operatorname{rr}(\mathrm{MC})$ |
|  | WJ DM-NJ | MoR(VC) |  | WARV-RI | Mor (MC) |
|  | NPNO-Me. | $\operatorname{rr}(\mathrm{MC})$ | 1600 | WTYM-Mass | Mor (MC) |
| 1540 | KXEL-Iowa | $\mathrm{rel} / \mathrm{cw}$ |  | WLNG-NY | rr/MoR (AC) |
|  | WABt-Ohio | rr |  | WUNR-Mass | $\mathrm{rr} / \mathrm{MoR} / \mathrm{tk}$ (SF) |
|  | WRCF-Fa. | cw |  | WCGO-İI. | MoR(KO) |
|  | WAOK-RI | rr ( HC ) |  | WARU-Ind. | MoR(kO) |
|  | CHIti-ont. | FF/EE/Ital. |  | KCRG-I owa | $\operatorname{MoR}(\mathrm{KC})$ |
|  | WNIO-Ohio | rr(RL) |  | WTRU-Mich | HoR(KO) |
|  | NLOI-Ind. | MoR(KO) |  | KATZ-Mo. | r\&B(KO) |
| 1550 | WNTN-Mass | $\mathrm{rr} / \mathrm{r} \& \mathrm{~B}(\mathrm{SF})$ |  |  |  |

These pictures show several views and close-up details of the standard, unmodified NRC FET Altazimuth loop antenna constructed by IDXD Editor Robert "Foxy" Foxworth. Note particularly the "spreaders" woven into the winding and then twisted through 90 degrees. This reduces the distributed capacity and reduces the detuning of the high-Q tank circuit caused by vibrations in the winding. A very neat construction job!
(GPN)


## THANK YOU ALL

VERY MUCH FOR
YOUR SUIIORT!


Only one question this week, what is Captain Glotz????(hi)
A better question is: Who is Captain Glotz???? - BGK
I had hoped that this report would be ready for the last iss:1e, but I had hoped that this report would bepy schedule and many reports, I couldn't make it. As has been said before: "Keep those cards and letters commin'."
73's, Good DX, leace, Hapfy Thanksgiving(quite belatedly), etc.
DXItras East Editor: Eric Dikicco



EDITOR:
f.). 4 thents

Dit 946
wijne. 1.1. 17478
(201) 335 -6317

Hello there again, folks: Once again circumstances have compelled ns to borrow a "furrin' typer, hi. Copy looks good, tho', but its only a small portable, and thus it takes about twice as long to type anything... Last minute stuff from Boyd held over so we can get this out a day early due to the holiday this week too. Hope to have deadines back to Thursday morning's mail by next issue, tho' a flood of material might delay that a week. Now on to business:

## changles

(all items below are log change items except those noted with a "g".)

| 580 | KCMX-OR | ex-KWIN | 1340 | KOLET-TX | CP: 1000/250 U1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 790 | CFNW-NF | new call - Port-aux-Choix | 1390 | WROA-YS | CP: 5000 Dl |
| 870 | KIEV-CA | CP is on | 1450 | WSMG-TN | $C P$ is on |
| 1050 | WRMF-FL | delete | 1480 | WISM-WI | CP is on |
|  | WIVI-FL | doleto | 1490 | KVOZ-TE | CP: 1000/250 m1 |
| 1060 | WRM5-FL | Is here, ex-1050,w/ 10000/5000 04 |  |  |  |
|  | KAMA-TX | new call - Bl paso | 1510 | WINU-IL | CP is on |
| 1150 | CKIQ-BC | Is on (Kelowna). | 3490 | WAMV-IL | new call (E. St. Louis) |
| 1230 | WHCOMM | CP: 1000/250 U1 | 1490 | WVIP-MS | $C P$ is on |
|  | KXO -CA | CP is on | 1540 | WBRY-TN | ex-IBFJ |
| 1240 | KSON-CA | $C P$ is on | 1550 | WPGD-NC | ex-WFCM |
|  | KADS-OK | CP is on | 1590 | WUSO-TN | ex-WPIP |
| 1280 | SFYV-CA | ex-EOAG | 1600 | WKEN-DE | SCH: 24 hrs , |
|  | WIVY-FL | Is here, ex-1050; w/ 5000 Dl |  |  |  |
| 1340 | KYLT-MT | CP is on |  |  |  |
|  | KSET-TX | CP is on. | ((ALJ CP's for new stations will ap- |  |  |
|  | CFED-QU | new call (Campais) | not be listed here due to their |  |  |
| 1400 | EXGN-MT | CP is on |  |  |  |
|  | WHDN-MI | $C P$ is on. | number, and that they'Il not yet |  |  |
|  | KONT-TX | ANT: Ol | be on by then. - RJE ) |  |  |
|  | CFITP-Q0 | CP is on |  |  |  |

## F/C:

NOVEMBER: 2nd SA: KLPM-1390, WCCR-1580; 3rd MM: WPJD-1550, WKIG-1580; 3rd TU: WART-1510; 4th MM: WNAK-730, WPPA-1360; 4 th WM: KLTI-1560; 4th TH: WHIT-1530, WJFC-1480. KRGI-1430, WTCB-990; 4th FM: KGVI-1400, KSIW 1450; 4th SA: KNBI-1530, KBRS-1340, WABD-1370. KWEN. 1480 3 3 TU TU: WERH-1590.
DECEMBER: 1st SA: WDOC-1310; 2nd MM: WGAZ-990; 2nd TH: WPGF-1430, WTOP-1370; and FM: KFJM-1370; 3rd MM: WYMB-1410, WCAU-1340, WDIC-1430.
new checks: 2nd SA: KLMX-1450, 0215-0230 (DEC.)
4th SA: KNWS-1090, 0230-0245 (NOV.)
change: $\quad 3$ rd TU: WHBG-1360, 0100-0115 (NOV.) ex- lst FM.

| 610 | WHPL-VA | Even w/ WIP w/ latter looped 12/13 1100 (Jos. E. Kureth, Md. |
| :---: | :---: | :---: |
| 810 | WPED-VA | U/WYRE,WGY 12/13 1025 w/ local ads (JEK) |
| 950 | WXLAN-MD | Is finally on RS, heard w/ old radio dramas at $1000 \& 1400$ 12/13 fair sig. w/ nulls to protect WPEN, WXGI. (JEK) |
| 1050 | WWGP-NC | Atop freq. w/ nx $135511 / 30 \mathrm{w} / \mathrm{beverage} \mathrm{(Jerry} \mathrm{Starr}$, |
| 1070 | WKOR-PA | Hrdinding w/ WKDR both in quite well 12/16 1330-1415 (Mike |
|  |  | Collins, Stratford, Ct.) ** Welcome to DDXD, Hike - RJE |

1130 WEBO-Ph Hrd newie in Waynesboro w/ poor sig u/WNEN tho' only 35 miles from WEEO 12/13. (JEK)


W/ steady sig 1435 11/30 on beverage w/ no sign of WAKR.(Starr) ** You've had too much beverage, hi = RjE

Gol11ns also reports daytime $12 / 16$ receptions of WMAQ,WGN, WJR. $1330-45$.

## sunset EyEning

MKll-SC 1J0N-15 $4016-2 t$ antr-at NEAB-SC
WEAT-7L

MTB-3C
KTM- 18
Dro-ar
NAC-AL
WPRE-WV
NSLV-7I
WET2-II
WBIB-AL
WRRL-NS
anId
WCRK-TN
WNDB-FL
WAVS-FL

In well $12 / 171700$ on fair-poor w/ cfw (collins) $\mathrm{dA}=00 \mathrm{NX}$, WX atop channel 2010 12/15 (R. Stephen Dildine, drilington Va
 HBO-aA Hrd 1715 12/4 w/ID \& FM promo, very difficult thru CJBC (TRS)
Nop-rl In 12/17, noted well $1745 \mathrm{w} / \mathrm{wx} \mathrm{Pr}$ (MC)
WHALFL Solid o/WPAT 1740 12/17 w/ "930 Club" (MC)
WULROA ExC. sig. all alone $12 / 17$ 1700-30 pwr. cut w/ CBS nx, MoR.
May-Zee" ID's. (MC)
WLAK, WGTO $171512 / 5$ (Dick Northup, Hendersonville, NC)
Hrd $172012 / 2$ (Northup)
Hrd s/off 1740 12/4 (Northup)
Hird $171012 / 3$ (Northup)
W/ nx o/CKLW 1735 12/6 (Northup)
s/off 1715 12/12 (Northup)

In $12 / 17$, noted well $1745 \mathrm{w} / \mathrm{wx}, \mathrm{rr}$ (MC)

Noted alone 1704 w/UPI $n x$, rr $12 / 17$ (MC
Hrd $12 / 5$ s/off 1645 (Northup)
CRw $12 \times$ \& local ads $194512 \sqrt{16}$ (RSD)
Caw max of local ads 1800 (Northup)
Hrd $1745 \mathrm{~s} /$ Off $12 / 6$ thru WTIC,WKLO (Northup)
Hrd $12 / 11 \mathrm{~s} / \mathrm{off} 1715$ (Northup)
Frd $12 / 3$ s/off 1730 (Northup)
Hrd s/off 1733 12/3 (Northup)
s/off $174512 / 10$ (Northup)
I\&C w/ nx final 1745 11/28 on beverage $w /$ either WBT or KFAE available on loop (Starr ()
S/off SSB 1745 11/27 DF sez WBCA.... (Starr) Sunday Polka pgm to 1730 s/off on beverage, rans several ads in
Polish (Starr) ** As Stosh Kowalski should well know... -RjE
ATD-AL Hrd w/ ces u/WOWO 1730 12/10 (Northup)
KLIF-TX Hrd u/WONO $173012 / 10$ (Northup)
WAQY-AL $\operatorname{Hrd} 12 / 151745 \mathrm{~s} / \mathrm{ofr}$ (Northap)
Hrd 12/17 $1730 \mathrm{~W} / \mathrm{mtn}$ of WKTZ FM, de $n x$, beautiful mx " format
WDSEB-FL O/WERI \& WINF \& WFAS mess w/ Mike Douglas public svce. pgm, feature \& instr. $\mathrm{mx}, 1815-25$ 12/17 (MC)
Hrd 1750 12/17, then all evening w/ c\&w, hunters rpt. 62025 (MC)
WJLENJ Solid 1700 12/17, a sure tipoff for murora, w/ SS way u/it, maybe WCAM. (MC) ** quite possibly - R.jE
WDO-NI Latin \& US IF W/ SS anncts, EE ID's 2000 12/14 (RSD)
WORK-PA O/WWBR,WSLR 1520-32 W/MoR, ID, nX (Wes Boyd, Youngstown.) $12 / 6$
WDRC-CT $0 / W I X Z$, in WSAI null $1533-45 \mathrm{w} / \mathrm{rr}$ (Boyd) $12 / 6$
WCSC-SG Alone, i\&C $170012 / 17 \mathrm{w} / \mathrm{CBS} \mathrm{nx}$ (MC)
WSIR-WV W/ promos for Ac net to start $12 / 26$ 12/8 1715 (Boyd)
WEIR-WV W/ promos for Ac net to start 12/26 12/8-NY W/rr o/WVAM, EKFH, etc. in WETR null 1523-25 12/7 (Bomd)
WWE-NY W/rr o/WVAM, تKFH, etc. in WETR null 1523-25 $12 / 7$ (BO)
WTHI-IN W/rT \& $n x$, o/WCIN in WHBC null 1650 - 171012
WSSA-GA Hrd $12 / 11$ s/off 1730 (Northup)
KTUF-AZ Heard u/CBJw/ ad \& "it's 5:12 KNIX time" 1912 12/16 (RSD) *** Hrum - RJE
S/off 1730 12/16 (Northup)
Hrd u/WAKR 1750 12/12 (Northup)

## midnight to sunris

680 WSGN-AL
CFTR-ON
WSWN-FI
WORD-SC
WORD-SC
WIDG-MII KHOS -AZ
KroA-IA

Had ET-mIX w/ "You Brought the Joy" by Freda Payne over \& over Very nice full ID $025812 / 13$, unn ET-TT $0140-0205 \mathrm{on}, 12 / 13 \mathrm{w} /$ ID 0200
Ad \& ID hrd u/WAPA $000212 / 19$ (RSD)
Ending ET-IIX of AXR 0345 12/13 (Starr)
ET w/usual "stutter-tone" hrd 12/20 0019 (RjE)
Not common, but good 0355-58 u/KGLC-WSBA-WRNL (Boyd)
S/off copled $030512 / 16$, very weak (PKH)
Finally/ CBM nulled $12 / 170605$ (MC)
Finally good enuf to tape 0205 12/I3 (PKH) On AN $12 / 13 \mathrm{w} /$ WINZ. Are both NSP P? (PKH) ** If KIOA is, it's a new thing - WINZ generally is. KIOA usually ET's much of an $M M-R J E$
Caught end of $\mathrm{f} / \mathrm{c} 0245$ 12/13, call to stn. sez is regular// -RJE 2nd MM 0230-45 w/TT, add to list. (PKH) \#\#WDY is here, KFCO-790 detually off or $\mathrm{w} / \mathrm{ET}-0 \mathrm{C}$ all AM 12/20 0000-0300 \& on... (R.E) Beautiful copy of full s/off 0200-0205 12/13. (PKH)

## CKSB made it rough (TRS)

12/13 DX had 0245-0315 u/good sigs. D03t15 O/KMY TT AD 0302 o/KTNG. (TRS) ** Is 250 Tom D 0302 o/king. (Ins) ${ }^{*}$ Is 250, Tom, D-1, ex-500 D3 -RJE DA in very well $023012 / 13 \mathrm{w}$ some occasional KAAI TT. (Starr) Anncd a SP 0500-0600 $12 / 13$ so the engineers could do "technical thinge to the XR. Regular or what i? (Bruce Winkelman, Lawrence, KS.) ** Probably a one-shot deal, as SP is lst MM only OC again 0100-0200 12/13, call sez this nonsense will -RJE continue indefinitely, but carrier won't go off (PKY) Hrd call and ref. to CBS $n x$ in clear 0549 12/13. (PKH) Hrd $w / \mathrm{MoR}$, ID $2343 \quad 12 / 19$ in aurora ( RJE ) S/off copied $12 / 19$ 2359, so delete NSP. (RJE) Dx 0/u WVOJ 0235 11/29 (Starr)
Fird s/off 0008 12/3 (Andy Fagg, Pointe Claire, Que.)**Fi - RJS Hrd w/ intermittent TT \& ID's on ET0011-21 t/out 12/3 (Ragg) AN DX not heard 12/13 at 0000 or at 0230 when checked again WDRC NSP is colinear and dominates here (TRS)** That's OK, Tom, up here WDRC is colinear with everyting on the channel, hi-RfE wh here WDRC is colinear with everyting on th
W/ET O/u WSPD-WFEN 0022-0035 on: 12/7 (Boyd)
$12 / 6 \mathrm{DK}$ hrd well via tape $0245-0315$, some other w/ low-cycle het garbling freq., but no ID \& off 0310 (TRS) ** No ID here on that either even earlier in WKTJ thing. - - RJE DX weakly $023812 / 6$, good after KUDL s/off - fine test (Starr) Late s/off $031212 / 6 \mathrm{w} / \mathrm{SSB}$, usually right off 0300 (Starr) ET-TT 0230 11/29, loud on beverage (Starr)
S/off $010012 / 20 \mathrm{hrd} u /$ WMYB r/c \& unID TT'dr w/ 1.4 kHz tone, Co/WUNI (RjE)
Hrd w/ coke ad \& mention of "Coca Cold Bottling Co, in Mobile", 12/20 $0058 \mathrm{u} / \mathrm{WMYB} \mathrm{r} / \mathrm{c}$, WLAQ, unID TT. (RjE) HMd MoR, ID 2310 o/u WCOJ, and
ET-TT 0430-0515 \& on, 11/29 w/ many ID's (Starr)
Noted off 0155 on, $11 / 29$, s/on 0435 . (Starr)
TT 0532, ID's every 2 mins 11/28, then SSB s/on 0538 for RS, so change log/ (Starr)
-

1450 WHLS-MI S/on SSB 0458 11/29 (Starr)
WJER-OH S/on 0500 11/29 w/ NAB Code (Starr)
WMFJ-FL Atop w/ nx 0127 12/20 in aurora (RJE) on a spur on 1457. Called chief, whosed was PoP, but couldn't ingure out why the spur, but sed it was them... (Boyd) $12 / 10$ WMBR-FL Hrd 12/11 w/ end of BKB 0010, TD, then mx w/ good sig. (TRS) 1470 WCLA-GA TT \& ID's on annual POP 0019 12/9 (RSD)
** 1490 WMOG-GA Erd Fr, SId, ID in Jin Inndsay show 12/20 0114, so is AN(RJE)
1550 WSER-MD ET/IEX W/ID 0200 11/29, still on © 0430 (Starr) WKYK-VA Nas test 0000-30 11/30。 (JEK) KGMO-MO TT noted 0113-0118 end 11/30 (JEK) ** Was r/c-RjE
1560 WTAI-FL OC test \& ID 0033 12/1 (JEK) unID Weak TT here $0208 \mathrm{t} / \mathrm{in}=0215$ 12/23, think was kQYX , Joplin, on basis of what sounded like "joplin" and" $\mathrm{KQ}-=$ " during ID's $0209: 0215$, alone on freq., mentioned ET in 0215 ID. Anyone get a definite IDî (Charles Mohr, White Plains, N.I.) ** Welcome back - Ref
WTOW-MD Tested all AM 0000-0400 $12 / 6$ (Northup) ET/TT, protions of religious pgrg \& march rix, 0205-0300 \& on $12 / 6$ (Starr) WVKO-OH ET-TT noted 0455 11/29 (Starr)
KTGR-MO ET-OC 0200-0230 \& on 12/6 (Starr)
1590 WAWA-WI ET-OC 0120-0150 \& on 11/29 smashing WAKR (Starr)

* 1600 WWUNMS Hrd s/off 0045 12/13. needed but too weak for tape. (PKH)

NOTES: As this machine unfortuantely has not plus sign, all log changes are noted by ${ }^{* * 1} \mathrm{~s}$. On the 970 item above, I'm unclear as to what was meant, whetber KFGO-790 or WDAY-970. KFGO is listed 0245-0300 3rd TU. AM. in new list.
4 we do have some room, we'll list the new CP's noted at the outset of the column, and they'll go forthwith.

| 580 | CP -NC - Blowing Rock, 28605, 500 DI (no comment-RJE) | 1400 | WJLD-AL |  | CP: change loc. to Fairfield, 35064 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 620 | WFJB-PA - CP: 5000/500 04 | 1530 | CP | -IL | Wheaton, 60187: 500 |
| 940 | CJIB-BC - CP: 10000 U2 |  |  |  | D3, replaces EImhurst |
| 950 | CP -AK = Seward. 99664, 1000 SHI (replaces deleted KIBH) | 1540 | CP | -TN | CP. <br> Jellico, 37762; 1000 |
| 1060 | CP -NC - Mebane, 27302, 1000 D3 |  |  |  | D1 |
|  | CP -NI - West Branch, 48661. | 1550 | CP | -TN | Oak Ridge, 37830; $1000 \mathrm{D3}$ |
|  | CP -MS - Tupelo, 38801; 250 D3 | 1590 | CP | -AL | Alexander City, 35010 |
|  | CP -TX - Gilmer, 75644; 5000 D3 |  |  |  | 1000 Dl |
| 1070 | WKMB $-N J$ - Stirling, 07980, 250 DI | 1470 | CP | -BC | Vancouver, 10000 U4 |
| 1110 | $\begin{aligned} \text { CP -NWT Rankin Inlet, Keewatin, } \\ \text { NWT, } 4040 \mathrm{VI} \end{aligned}$ |  |  |  |  |
|  | CP -TN = Pikeville, 37367; 250 D3 |  |  |  |  |
| 1190 | $\begin{gathered} \text { CP -TN - Chattanooga, 37401; } \\ 10000 \mathrm{D3} \end{gathered}$ |  |  |  |  |

Well, thassit for this time. $73^{\text {'s }}=$ RJE

DON'E FORGBE THE GET-TOGTHER JAN. 22-23 IN NORTH JERSEY.... IT WILL BE HELD AT THE HOMARD JOHNSON'S MOTOR INN JUST OFF I-80 IN ROCKAWAY-HIBERNIA, N.J.. MORE DETAIIS EISEWHERE IN THIS ISSUE.....

SCOTT BROCKTAY - 112 North Crascent Drive - Rome, Now York - 13440 \& I'll have the entire East U.S. verified. Nore in: CHIN ol 540 for an August report said to have been misefiled, WDMY-540, WHYI-960, WFBG-1290, \& PP/cs from WNTN-1550. It may be I was mistaken aftar all, I see there is a tation in Gre enVille, N.C. as wall as S.C., BOTH on the sme 1070 Irequency. Somebody ought to do something about that. I've attapted to haar soveral TESTs, but either I've Sallen amleep, had an exam MM, or the dang thing just didn't come in. I hope the TEST Irom Kanas makes it in! I havan't DXed mach of late because of finals which are now out of the way. About the only goodse in was WNSU-1600 w/c/w es $4: 57 \mathrm{jcm}$ \& s/of1 -5. I ought to DX nore now but as I sit here 12/20, thare's an HNL on the band a 8:30. Mehopes thi doesn't last too long. Also to any of you who heve anf CMe, Wes Boyd needs 'am for the new book being put together. If ve donated quite a sow, so bow about it? This project is only as good as wo make it, so write We \& see if you can help! That's tt till whenevor, so Happy Holidays \& $D \mathrm{X}$.
BOB SHAN - 234 Columbus Street - Elyria, Ohio - 44035
Like as early Christmes gift comes tha Aurora! 12/27-WLYB-1250 s/cTT Weak but voice Is strong, time sa listed. 3:20am on 1240 brought NX w/ade for the Wyoming Nationsl Bank, \& mentione of the Fyoming Valleg \& Warren County. Who's this, Michigan? (Pennsyivania, I think -KRC) I can't pind a Wyoming River on any map. WPKE -1240 conciuding ITY 3:30. SSS: KYAL-1600w/Texas State Net, ing", 6pm. KRBC-1470 concluch had the channel almoet to themselve $6: 30 \mathrm{u} / \circ \mathrm{WOHO}$. $12 / 18$ - PDSU- 1280 a surprise, WXOK-1460 w/ReB \& mey pm WTTF a/off. FVOV- 1000 very ads, $1: 19 \mathrm{am}$. WGIV- 1600 in a moss right after 5 concluding NX (a 2:05am o/WAvE, poorly 5:30 /ofi, I balieve. 12/29- MMAY-970 /osf earlier I Cof o/WAVE, u/unID SSB (KAKCi) Though recent IDIDs ay they of earlier, I definitely had HIBE-1180 R. Mil, 2;30em. XEO-970 w/aome kind
 cid "R. CM" 10 Ilowed by chimes \& a man speaking. They were gone when I checked
 NAs at midnight? (Frequency? ERC) WDXY-1240 wo unid SS s/offs, w/different listing, very strong. WMMB-1410 artor, w/R. Onda jingles, \& a yaker 1:24. Very claar 1:31 in from HIP uninpelligible mese. WJAX-930 w/ert $1150 \mathrm{w} / \mathrm{ST}$ o/u CKOC, $2: 34$ \& AN, I Suess $m$, well o/NIY \& UnID SS 3 1:55. WJRD$810 \mathrm{w} / \mathrm{eoft} \mathrm{mx}$, topping channel $4: 01 \mathrm{R}$. Sutamion w/R. Santa Fe ID 3 3iz. HJCYWX around $4: 15$, real wak (3 4:40. I hoar thom near but atop. I finally got an *ide Zota" ID from XKLZ-1440 WSSA-1570 w/c/w \& a rather every Mal but had never previously gotten an ID. SSS: 1280 when I $\mathrm{c} / \mathrm{w}$ a a rather poupous ID u/CBF 3 5:06. 12/21~ kystery of the weois on 6:15pm, followed by I cope" the weekly now magazim from U.N. Radio in N.Y. 6:10 $6: 15 \mathrm{pm}$, followed by I think, Chris tmas $m x$. Alitalk had a quito pronounced Britioh DU's \& I gat DSA r3.

EOB KARCHEVSKI - SAN FRANCISCO, CALIFORNIA

## CONG RATULATIO1 to

gled for it a long time \& lonow ho etrug what are we going to kid him about? DX hobby bow porsistance pays off. But - now $T 0$ REPRAT Win (Try RKQil-1300, Namaet, N.Y., Bob, hit-ERC)
HAVE TO HOLD OVER SOMF MUSTVCP TIME AND DRIVE HAVE RUN OUT DN ME THIS WETR, \& NO ALTERNATIVE THIS MUS MUSINGS. THIS IS NOT MY NORMAL POLICY, BUT TEERE'S JUST SURE. HOW ABOUT TR TLME, BOYS - SORFY. IT'LI ALL BE HERE NEXT WEEE, YOU MAY BE SURE. HOW ABOUT IEREING THESE DOIBLE-SPACED MUSINGS ROLLING INT NO V/S IN IME

KARL SCHUITE $=1504$ Wilson Point Road - Baltimore, Mary land - 21220 Hey y all. Best of everyer of "America in Miniature", Maryland. I Chesapeake Bay country, my int ine will probably heve lund 140. I am in the temporary posession of an RX which mustly won't even turn timate in selectivity, \& when I have to glvin it. I even on the 140. The fellow I borrowed it from won t consider par is a mitary surpius offered to throw in the wife \& kids. The RX in question is a military surplus Collins R388/UuR. How read this twice, I do not josh: Selectivity - four positions, crystal, down to 200 cps . Coverage -474 k through 30.5 m in THIFTY bands: One kc. readout throughout. Calibration is right on, all the way. Domestic sta-
 tions are al seperating Peru $=854$ from Curacao-855. Try that on a Hamarlund: I am receiving stations that I only suspected existed. I have called in outside help in IDing stations; Matt Zahner, BCB Editor for NNRC \& he \& I have spent four evenincs playing with this monster so far, \& a long list is on its way to Foxy. We ings playing with have not botaered too mich with iced so far. Sensitivity - hard to compare with the est mind seems to be a bit more sensi= Hammarlund, because of the tive. Help Dep "t.: I have a 75 minute tape without ID of a station on they dan "t which loops toward Eastern Caribben area - doean $t$ seem to be Curacao, they dan use EE anyway, do they? Male announcer, no commercials, Island type Ea, perfect promunciation, any help? Also, ary idea what a RX like the one above can be had for, if you can find one? (Over one grand, easily wric) Incidentally, I am us ing the SM-1 on the Collins. $73 \mathrm{y}^{\prime}$ ell, more later, hopefully, TAs.

DICK TRUAX - 5101 Tamarock Drive - Charlestion, West Virginia - 25312
DX aince last Muse has been spotty due mainly to lack of time at dials. 12/5-KWWI-1330 Ia/ © 7:30pm w/ID \& IT w/pest WFBC S.C. nulled, never heard before but noticed severfil eves since. MM 12/6, only new addition this $A M$ was WBAY-1360 Wis. W/ID @ 2:13am; WSAI pest off naturaliy. 12/7- WNBF-1290 N.Y. 11 alone @ $9: 50 \mathrm{pm}$ w/ID \& MX, no sign of semi-locsi WVOW or night pest WHIO. also noted this evening a pirate, WPOW-1610 w/many IDs mentioning Cincinnati and titing dedications, surely someone heard this potent signal. 12/11-KIIK-950 Mo. MK $12 / 13$ - WISS -1090 Wis. in nicely (e) 2:33 W/ID \& NX am w/full UD after each Ir selection by nulling XbB. No slgn of needed 100 in Mile TEST in spite of relatively clear chamel. No sign of proposed Cp on 1600 in Mila ton, W.Va., but it will be a local, ruining anouther channel daytimes when it does hit the air. To my Pellow W.Va. DXer in Hendricks - WRDS-1410 is still operating on 1410 \& to the best of, $y$ knowledge the $C P$ for 1450 has been canceled. I have just been transferred to Louisville, Ky. but until I can move the family sometime after $2 / 1$ DXing will be severely curtailed from W.Va. Totals here since beginaing log on 12/1/69 are 1,115 total logged including 46 states. I need Me R.I. Idaho \& Alaska. Now I'11 have to start all over again! Best of Season's Greetings to all.

RONAID J. MUSCO - 16 Chestaut Drive - Windsor, Connecticut - 06095
This Musing is too late for the Christmas issue so a belated Merry Christmas and a Happy New Year to all. One surprise here is a nice v/i from TSBS -860 who wants the Club's address so he can inform us of his next technical check." I wrote him a letter $12 / 19$ \& called him $12 / 20$ to discover he's taling a $\mathrm{f} / \mathrm{c}$ with Cambridge Crystals. I'm trying to talk him into an M TEST so I will a$f / \mathrm{c}$ with Cambidge Crystals. I Wait his call. Veries in here are $v / q-W D R-1586$ CBF CBA for Monct on (I have one or Sackville also), v/i from WNBF. Some meager DX: $12 / 6$ IEST from WKIJ- 1380 in at $\mathrm{S}-82: 30-3$ for Maine \#6. 12/13- WBNS $-14601: 15-1: 35$ on RS. After WRKO s/off 2 on 680 , CFPR heard $2-2: 05$. Amouncer said off for a little while" for XR ad-
justments. $12 / 20$ - Unn KWLA on $r / c$ i:52-2. Who is the SS here MM; a Dominican? justments. $12 / 20$ - Unn KWLA on $r / c 1: 52-2$. Who is the SS here MM; a Dominican?
WAPA 680 in the clear @ 2:30. And finally, ZNS1 after TEN YEARS of trying. KXEL WAPA 680 in the clear @ 2:30. And finally, ZNSI after TEN YEARS of trying, KXEL

off around 3 \& only WPTR w/occasional TT to put up with; a good log taken on a new off around 3 \& only WPTR w/occasionsl TT to put up With; a good log taken on a new | country. Then to "clear channel" hi, 1530, for WOBR TEST @ 4. Nice to see WCKI. |
| :--- |
| $0 c$ is still $5-9-p l u s . ~ I ~ g o t ~ W O B R ~ t h r o u g h ~ t h e m ~ t h o u g h ~ w / m a r c h e s ~ a n d ~ T T ~ t i l l ~$ |
| :25. | 73 for now.

ROGRR W. WINSOR - 718 North Fremont 8treet - Valparaiso, Indiana - 46383 12/1- WFBC- 1330 mertioning AN, must be $A N-6$ as not on NMis. WBIC $-1440 \mathrm{~s} / 0 f f$ daily @ $2: 05$, is not AN any more $\mathrm{W} / \mathrm{HI}$. Beautiful SSS - WFL0-870 $\mathrm{W} / \mathrm{m}$
 1010 great signal w/c/w to $5: 30,5: 32$ KIXL- 1040 all alone w/MoR to $5: 50$ \& KOKA 1550 wi/goul 6-6:15 pattern/powe cut, all has strong signals. $12 / 2-\mathrm{Yp}$ for WhKY820 7:58-8:12am when WAIT throns carrier on. PM, WKEE-800 $\mathrm{w} / \mathrm{c} / \mathrm{w} 5: 11-5: 15 \mathrm{~s} /$ off WFTR-710 copied W/NX 5:33-5:45 s/0ff-SSB, fine signal for 250w. 12/3-WRCO-1450 $5: 45-5: 52$ fadecut. $12 / 4-$ WICW- $9205: 06-5: 15 \mathrm{w} / \mathrm{rr}$ to s/off, KHMO $1070 \mathrm{~W} / \mathrm{MOR} 5: 34$ $5: 45$ antenna/power change. $12 / 5=$ WTW Whan again w/more local spots 4:44-5 fadeout. a RC) Yery funy verie from this seys inexperienced help forgot to s/off. In ilve to lke to sead this to bur W/letters. MM $12 / 6$ HNL bad, WOR ON, WGS OCing all AM O/WHB/XEMP. WKer-1520 kM /TT'\& OC 12:21-1 s/OIf, WGON-1150 EIT all AM W/IT, KFSA-950 f/c 1:45-2, moybe r/c? WKTJ-1380 heard 3:18-3:3i s/off, weak aignal u/KUDL's OC. TT u/WIW @ $4: 12$ assume to be Jamaica, WKJB-710 s/on © 4:13 in SS, two SS on 1010 © 4:23, one w/rooster crowing, chicken clucking, the whole aine yards! WECO-940 w/ID © 4:45pm \& gane. WHII-1570 5:47-6 s/off W-Tr. KOLS-1570 w/NX 6:04-6:15. 12/7-WHEI-1570 w/MOR @ $5: 17-5: 30 \mathrm{~s} /$ off, then WHIP $5: 32-5: 45 \mathrm{w} / \mathrm{rr}$ to s/off. Four 1570 s in two days. $12 /$ 10- $\operatorname{IKTI}-1450 \mathrm{r} / \mathrm{c}$ 1-1:15, WKTY-580 noted © $2: 18$, \& several times since, is ANV-6, KRGO-1550 $\mathrm{NT} / \mathrm{c} / \mathrm{w} 2: 25-3: 04$, WBLO $-1470 \mathrm{r} / \mathrm{c}-\mathrm{DT} 2: 45-2: 55$, WISL-1260 f/c $\mathrm{fT} 2: 30-2: 45$ excellent signal. Love those DTs, hi. $12 / 13$ - Real good catch in WNRG-9 40 w/MOR 4:47-5 fade'yo WMAZ. 12/13 really a bummer as all MMs scem to be lately, WOR off again, KWWI-1330 s/off @ 2, WISS-1090 good signal u/KAAM. WJRL-1530 alone @ 5pm ending NX, no WCKY. 12/15- KCFI-1250 rr 5:20-5:30 s/off, then CHO0-1390 w/NX 5:355 fade o/WNUS. 12/16-KRAK u/WRVA w/c/w. WGUN-1010 POP 12:23-1:54 s/off, WKART1320 ET ID \& $1: 07$, KLNX-1450 PSA @ 1:15. WHII-1570 f/c $2: 15-2: 31$, maybe $\mathrm{r} / \mathrm{c}-\mathrm{DT}$. WJOE-1080 f/c 2:45-3:06, is $r / c$ per cail to station. WTYL-1290 weakly $r / c 3: 47-4$ then w OC-1490 4:04-4:24 r/c - two new Miss. in 15 minutes; not bad. Veries: WZAP KSIS WPJD WTCR KWPC KEGG WCHV CFIR KQRS WILY WJHO WIKY WJRSKIXL WIPR WWJC KCUE KXYZ KOKA WKEE WFLO WYDK KREX. How 1,088 veries, 2,717 heard.

BRUCE WINKEIMAN - 1404 Alumni Place - Lamrence, Kansas - 66044
I will take a short break from studying for finals \& run off a quick Muse. Howsomeever, not much to report. 12/4-CMML-900 noted w/ma, ID © 1:39-1:41am w/good strength; WABC-770 (ERC's old friend \& mine, hi) noted w/NX, ID \& IT 1:57-2. $12 / 5-\mathrm{NIUF}-1580 \mathrm{w} / \mathrm{c} / \mathrm{w}$ on top © $7: 02 \mathrm{pm}$, faded up \& down until $7: 16$ ad off plugging their FM, no SSB. 12/6- I tried for WCGB TEST on 1050; nothing here but an FFC (CKSB?) \& that super~pest XEG covered everything, ugh. 12/13-I tried for WISS' TEST but KAAY's super-duper OC/TT combo wiped that out. XEPR heard u/ $0 C$ ar times. This from 2:20-2:40am. Finals here at Kansas U. rdally make DX time herd to flnd. So far I haven't found any! But in another six days they will all be over with \& I can have three weeks free to DX. I'm hoping for good CX over the holidays. Everybody try for the KUPK TESTs coming up on the first MM of each month. Their main lobe points NE so there should be a few of you Easterners catch 'em. I've seen very few reports of Kansas stations being heard in DX NEWS. Here's your chance, if only WH? woyld kindly decide to give you NYC boys a break! I'd better hit the books again, UGH UGH: Id much rather be DXing. Wh well-73 \& DX

ANDREW ROBINS - 2724 Fleetwood Drive - Kalamazoo,Michigan - 49008
Today I just noticed that in the ANT Situation of DX NEWS there was same mention of WKMI-1360 baving stopped ANing. This I can assure you is not true? WKMI (unfortunately) is a problem here DX-wise and they are rather hard to miss. From midnight to 6am they have the "Gary Out law" show with the exception of Sunday when it runs from 10 pm to 6 am. I just thou gat $I^{\prime} \mathrm{d}$ contribute something for your Irivia file. 73 s .

OK, MEN - NACK OA THE WEEKLY BEAM AGADN, LETT 'S HAVE YOUR CONITNUED SUPPORI FOR MUSINGS - PLEASE STICK TO 30 LITES AND PLEASE DOUBLE SPACE. SEND IN YOUR V/S al A SEPERATE SHEEY OF PAPER. WEED OUT YOUR REPEATS, PIEASE! DEADIINE: THURSDAYS.

GREG HARDISON - 17600 Orna Drive - Granada Hills, California - 91344 I got back on $12 / 10$ from a week-long trip to my home towa of a a harietta, Ga. Among other the circuit, and tree. But after it was up, we discovered a after it was all over, he had been to the top of that tree three times - all at night. I did some DXing on a Magnavox console stereo (AM banc, around midnight local time \& during the day. I got KFI every night, some nighta even equalling the Cuban. Also on $12 / 7$ \& $12 / 8$, I got an ID out of WBAPa020 on groundwave @ 1lam EST. I also heard TA hets on 11241205 \& 1295 @ $5: 30 \mathrm{pm} 12 / 0$ on my uncle's car radio. No audio, but a pretty strong het on each frequency On 12/9, @ midnight, WADO-1280 in SS w/Puerto Rican mx, SS ID, \& EE ID, then slightly acceated amouncer saying "in New York" and on to SS NX. I hopped over to FM then. WBIE-1080 network is now Ai, \& WYZE-1480 At lanta is all-NX. I tried for WCGB-1050 TEST 12/6 @ 1, nothing heard. All for now, 73s.

BRUCE PORTZER - 14056 5th Avenue South - Seattle, Washington - 98168 Hi. After five years in IRCA I finally broke down \& sent some cash to Box 99. So since this is my first Musing I guess on intro should be in order. I'm 20 years old \& attend the U. of Washington with a major in Electrical Previneering. I'm IRCA's DX Records editor \& have been DXing for about eight years. Equipment includes a National NC-120, GE P-780 portable, Hallicrafters SdOa \& SK 96. Also I use two recorders: Sony TC-355 and General twospeed portable. Antenna is a $4^{\prime}$ box loop. Totals: $958 / 434 ; 42 / 38 ; 7 / 7 ; 36 / 19$. Best veries include 3YW1460, 2kw in Westport N.Z., CFAY $\mathbf{1 3 5 7}$, eight-watt bootlegger in Surrey, Bo C. now off the air (the ultimate fate of a. 1182 bootleggers, hi), CKRW-610 KMBL- 1450 \& BBC-647. I prefer foreign DX but switch over to domestic when foreigners are in short supply. Recent catches: HJAI-1040 R. Tropical 1:25am 10/29, BBC-647 1:05am $11 / 2$, KCMX -580 , ex-KWIN noted w/c/w 11/6. R? Centro-860 7:21 11/7 presumed to be HKW, South Korea-967 9:00 11/13, BBC-1214 fair 1:30 11/17 for IA \#3 this season, KTHO-590 MOR @ 6 11/21, KVRE-1460 w/c/w briefly o/KMWX/KDON 7:57pm. 11/26 saw KUPD $=1060 \mathrm{w} / \mathrm{mx}$ u/nulled CFCN @ 7am. 11/28-KOFY-1050 EE ID U/KORE 7:30pm. 12/4 wes good for SSS. KAD-960 c/w \& Radio -96" ID u/KJR slop @ 6:25pm, KYSS-930 "Kiss Redio" w/NX atop 6:30pm, KPOW $-1260 \mathrm{w} / \mathrm{MoR}$ second time heard \& strong © 7 pm , KVIV $980 \mathrm{~s} / \mathrm{Of}-$ SSB o/u KINS/CKNW $7: 30$; KWSD-620 NX \& spot $7: 35 \mathrm{u} / \mathrm{KGW}$. $12 / 5 \mathrm{SSS}$ -
 KOBI-1KPOS. $12 / 11$ KPMC. KFLW- 960 s/off 6:16. KBRE-940 ID \& IXX 7pm. 12/15-First day off u, KPMC. 12/11- KFIN-960 s/off 6:16. KBRE-940 ID \& KX 7pmo $12 / 15 \mathrm{KOIrst}$. of Christmas vacation saw six newies: On SRE KAYT 970 locel KUPI 980 fair w/CKNW nulled (I2, KGVW-630 W/hymas u/KID anne jot kidding! ) local KGDN signed on! 12/15 SSSweak ID. One second later (I'm not kidding!) local KGDN signed on! 12/15 SSS-KBGN-910 partial ID w/local KIXI mulled 6:30, KSAY-1010, michpsanted, heard. W/c/w \& light to moderate KOMO slop 7:05, KVJV-1280 s/off 7:30. That should do it! I hope you guys can figure out which are AM \& which are PM, hi. Heppy Holidays. (Welcome to NRC, Bruce! Please Muse often! Some fine DXing there! -ERC)

MIKE (DOC) HARDESTER - 401 Birchwood Court - Modesto, California - 95350
Until this MM 12/13, DX has been scarce - so has time. I finally got a log on KXI-750 on SSS 11/30 @ 7:40pm, v/q w/time on card listed as $1640 \mathrm{PST}=\mathrm{first}$ time I've received a v/q wpiime listed as such. $12 / 13 \mathrm{AM}-\mathrm{KQIQ}$ 1400 Santa Paula, Cal. w/ET/TT/mx @ 4-4:30 tuneout w/ 1 kw good signal \& bad signal w/250w \& QRM from KSIY-1400. KPUA-970 in Hilo w/light rr 4:35-5:06 s/off w/fair signal \& some fading, QRM from UFO in Korean, I believe, sunID s/on e 5 w/instrue signal \& some fading, QRM from UFO in Korean, I/ elleve, sunections of Christmas
 \& few breaks in wreven e $5: 30$ when mx continued, straight through w/no apparent
ID. Any ideas will be much appreciated as $\mathrm{w} / \mathrm{a}$ SE loop, possibly (I hope) state \# ID. Any ideas will be much appreciated as w/a SE loop, possibly (I hope) state
41 \& R. XEB-1220 @ $5: 45-6 \mathrm{w} /$ Palabras en 18 Noche $\mathrm{w} / \mathrm{poor}$ signal, much fading \& 41 , \& R. XEB-1220 @ $5: 45-6 \mathrm{w} /$ Palabras en la Noche w/poor signal, much fading \&
CKDA GRM. Only verie has been a v/q from KXL as mentioned, but only three or four CKDA GM. Only verie has been a $v / 9$ from KXL as mentioned, but only three or four
reports out this seamon. Tarawa-84, replied to my letter of a few weeks ago that reports out this seamon. Tarawa-844 replied to my letter of a few weeks ago that they were NOT off frequency. The CE also stated he is considering the use of a lower frequency for better overage of the Gi

## CENEFAL fFLA

FEAPD
TAPE
TDI
UEFIES
68

## HAFI, DALLAS/FI. WOPTH

 SLDFIELD, EDMONTUN, ALEUYD, NEAF CLEUELAND
SHANNON, NEAF PITISEUF

IDF SH PF
SI P
IDV
SU PV

67 NEAL, NOFIHERN CALIF.
DUNNING, NYC

PIMPER, SALT
EDMUNDS, NYC
KAFCHEVSKI, SAN FFANCISCU STARF, NEAP CLEVELAND EENNETT, WEST OF NYC JUNKER, NEAR CINCINNATI MCCORMACK, INDIANA HANSCH, SULITHEFN WIS EUCKLEY, KASHIAGTUN, DC
69 EUCKLEY, KASHINGIUN, DC
68 BFUCKWAY, MID-N.Y. STATE
64 SURENSEN, CENTFAL UNT.
? SURENSEN, CENTFAL UNT.
? HEIMEUREER, NEAR DETRUिI HEIMBUREER, NEAR DET
MORSS, NEAR BUSTON MORSS, NEAR BÚSTUN FEINSTEIN, BUSIUN
58 PHILLIPS, LOUISVILLE, KY。 60 RUGG, MONTREAL, QUEBEC

1 ERICKSUN, LUS ANGELES
64 BREVILLE, ST. LUUUIS, MÛ. EGGERT, CHICAGU
RÚGERS, NEAR BUSTUN
FR. PEJZA, SAN DIEGÚ, CA
67 MARKEWICZ. WIANIPEG, MAN.
68 SHEA, NEAR CHICAGU ALLEN, NEAR SAA FRAN.
UHEELER, NW PENN.
59 DRAKE, PHILADELPHIA, PA 59 DRAKE, PHILADELP
65 SPERMOUGEAR NYC
65 WHATMUUGH, NEAF TURUNTU
68 HUUGERHEIDE, UPPER MIC
60 WILLIS, NURTHEFN CAL.
58 MERRIMAN, WASHINGIUN, DC
66 EVANS, E. CHICAGÓ, IND.
62 ATKINS, LUUUISUILLE, KY.
62 DELUFENZA, NEAR EUSTO
69 DIRICCÔ, PITTSBUFGH
62 KEFFŨUT, TUFUNTÚ, UNT.
68 LSMEAPDE, NYC
RICHMAN, NYC
70 WINKELMAN, CENTPAL KANSAS
67 FENO, NEAF NYC
62 MUSCÚ, NEAF NYC (CUNN)
69 CRÛNIN, NEAR SEATTLE, WA
HAFDESTER, CENTRAL CAL.
SURENSEN, NÛRTH MANITUEA
685
989
87
120
51
1032
120
87
28
147
27
539
176
1030
237
369
5
6
33
1

WE HAVE SO ENTRIES THIS TINE. FÓR CUMPAFISUN, SEE DX NEWS 15 MAY 71. Those with no tapes or counting tanes ( - ), list is by moner heard. The next column deadine is 26 Feb. 72. Those of you who have not up-dated in one year are requested to send their up-dates to: VRC Domestic DX Supremaoy Ratings. c/o Bob Karchevski, PO Box 3151, Daly City, Calif. 94015.

