18 MARCH 1974
NUMBER 20
"The NJPC is doing a fine job-
You make the hobby even more
interesting and enjoyable"
(R.J.Small, Tucson, $A Z$ )

## ON THE INSIDE..........

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-Clipping Corner -- Various
-Veries -- Various
-Musings of the Members - Einest R. Gooper
-Domestic DX Digest - H. Wes Boyd & Jerry Starr
-International DX Digest - Alan Merriman
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## NEW MEMBERS

* Thomas McDowell, 76 Ridge Ave., New Providence, N.J. 07974
* Nicholas A. Vaksvik, 235 Marvin Ave., Los Altos, CA 94022
* Ralph S. Walker, Jr., 4824 S. 1st St., Arlington, VA 22204


## RENEWALS

Vennor, Small

## NOTES \&c FROM NJPC

A note in from member Mike Hardester informs us that the "Q-Box", a review of which we reprinted from FRENDX recently, is primarily for use on CW signals, and of very limited use on BCB. If any of you have erroneously bought one after reading our review reprint or the original in $F R E N D X$, and you don't $D X C W$ stuff, try reading the next item and taking advantage of it, hi....

The new Swap 'n' Sell Column has an editor, who is Robert Spearel, Jr., 5450 Pine St., Seffner, FL, 33584. Send your lists of items to swap, sell, or buy to him and let's make this new column a success. We want to thank the other two members who volunteered for this column for their interest, and hope that next time we'll be able to utilise their talents and generosity -- Join ikColman \& Mike Heppe.

Issue \#19 went out a day late from North Jersey due to a minro logistical problem.

All but two of the HR-10 receivers went out vis UPS 3/12 AM. We were unable to obtain as many as we had thought inasmuch as we had 5 defective units, which the distributor will not repair, so several of those who requested the receivers have already received notes to the effect that we couldn't complete your requests. Bill Grant \& Bob Hoffman, your rxes will be shipped immediately upon receipt of payment. Invoices went out this week.

Remember, starting after the next issue, we go bi-weekly through April. This is followed by two issues in May, dated $5 / 13 \& 5 / 27$. April issues will be dated $4 / 8 \& 4 / 22$.

FCC says no to KGBs. Storer Broadcasting Co. has been thwarted in effort to obtain unlimited-time operating authority for its KGBS(AM) Los Angeles, class II, essentially daytime-only station on clear channel 1020 khz . Storer had asked FCC for authority to move station's site, contaken by state and said full-time authority with 50 kw as necessary to earn money to offset heavy financial burden relocation would involve. Commission said no, at same time turning down mutually contingent application of KSWS(AM) Roswell, N.M., to increase nighttime power.

For PSA'm There's sew 50-w AM transmitter available from LBP lac. Mode 30D is designed for pre-sunrise service Price: $\$ 1,495$. $\$ 20$ Lincoln Highway Frazer. Pa. 19355.

## Mcintire loses again

Dr. Carl McIntire has been permanently enjoined by a federal court from hroad casting to the mainland from his Rasto anchored off the New Jersey coast. Dr. McIntire had acquired and equipped the ship for broadcast as a response to a FCC order denying renewal of wxur AM-PM Media, Pa, owned by the seminary he beads. The commission con faimess doctrine and mistepresented its program proposals to the commission. U.S. District Judge Mitchell Cohen two weekss ago granted the government's request for a permanent injunction and
rejected Dr. Mclntire's argument that the government had come into court with unclean hands." Dr. McIntire had al leged White House influence on the FCC in denying the stations' renewal, basing nam policy and on released White House memos advocating use of the commission to silence critics (Broadcastivg Nov. 5, 1973). The government did not respond with affidavits from commission
officials. However, Judge Cohen said the "uncioan hands" argument was not enough; that the Communications Act bar on such unlicensed broadcasts mus be upheld.

## NEW ZEALAND BROADCASTING CORPORATION

Dear Sir/Madam,
Thank you for your report on our
transmission of ...11.April ........ $19 . .69$
 On checking against our log, we are pleased to verify your report and to acknowledge accordingly.


MON. MAR. 25 - 0300-0330 * WGLB-1560 Pt. Washington, WI 250 D NRC - 0300-0330 * WGLB-1560 Pt. Washington, WI 100 D NRC DETAILS:

WGLB - Srogram details same as noted in Issue \#18. Was not on due to severely adverse wx locally. Resked as above.

WJOE - Program details same as noted in Issue \#19. Was not on as listed due to mixup at stn. Resked as above.


## NOTES \& \& ROM NJPC

Member Larry Cowles sent us a copp of a recent article which appeared in Broadcast Engineering, which goes into some detail about the new FCC rules on frequency checks. It's the March 1974 issue, and if you don't get the magazine (it's controlled circulation) we can supply copies at regular reprint rates. It runs three pages. Contact HQ.

Dave Fisher wrote to ask us about why we hadn't mentioned the Monograph service. As of the present, although we understand that four articles had been submitted to BFC for Monographs, we have only half of the copy for one here at HQ. We'll run the list when and if the others or some of them appear.

In the intereting statistics depertment, we find that of the last 226 persons who joined NRC prior to $4 / 1 / 73,103$ are still members in good standing, 77 let their memberships drop after one year, 9 after two years, and 39 are currently pending renewal between $2 / 1 / 74 \& 4 / 1 / 74 . . . . .$. . Current membership is around 570, after several large numbers of drops of one-year members in the past 3 months. We do, however, find that we have a larger number of members in the broadcast induatry than ever before.

For those of you who may be wondering where you can purchase either Domestic or Worldwide Sunrise/Sunset maps, we understand that IRCA still has a supply of both. Write to IRCA, 12536 Argbian Way, Poway, CA 92064.

In one of the naxt few issues, we'll be re-running a piece done by GPN a few seascns ago on Finnish TA reception data. While this isn't in the reprints list, we'll re-run it as part of our continuing propagation feature. We only wish that we could compile similar statistics on this side, but we have far more nights when TA signals (although perhaps only 5 or 6 of the more mundane ones) are audible that it is nowhere near as notable an event when they are heard, and we are also a much larger number of more geographically-spread-cut and more loosely-connected people. If any of you are interested in compiling some data next season, it would require about 15 DX'ers within a hundred or so miles of each other, who could be relied upon to check out several frequencies and/or make a complete TA band survey at least twice a week, and on the same nights each week for the entire season. PT \& I tried it a few years ago, but couldn't round up enough cooperation, even on a less structured basis.... address enquiries to HQ ~ RjE


Phone 703-354-2135 before 2200 EDT - All Times CMT - Deadlines Are Saturday
New stations, changes, schedules ...
ALGERIA A new station at Bechar is on 575 kHz with 400 kw . (MWC)
bulcaria fadio Stara Zagora has left 1223 and is now operating on 1097 with own programming. The new 1000 kw . station in Vidin will use 1223. (Arctic) The new 1000 kw . station will carry Foreign Service programs and will be beamed to West Earope. (NZDXRA)

GAMBIA A recent QSL contained the following information: Padio Syd is operating on 908 with a 5 kw . transmitter into an 85 meter antenna. The schedule is $0600-0200$ GMT in English, French, and two local languages, Wollof and Mandinka. They were recently logged in Sweden signing off at 0200 on 908 . (Arctic)
GEPMAN DEMOCRATIC REPUBLIC Remdio DDR, First program is all night on 629 with 10 kw and 1570 with 250 kw . * The CDR station on 1385 is located at Berngurg/Halle.
GERMAN FEDERAL REPUBLIC Osnabruck 3(1570) and Kaiserlautern 3(827) are off the air. Hanover (520), Eremerhaven (1358) and Ravensburg (755) arm now all night, 755 with reduced power of 30 kw 。 (MNC)

GUAM Mgof, Inc. has been granted a construction permit for a new station on 720 with 5000 watts, U1. (Brodecasting)

HOLJAND Hilversum II is expected to change to 710, programmed 24 hours with a high power transmitter (probably 120 kw from Hilversum I or II); Hilversum I and II will increase power to 300 kw but will not go NSP. (Arctic)
IREIAND Bengt Ericson received the following info on a recent visit to the offices of Padio Ne Gaeltachta in Dublin. Connemara operates on 539, Donegal on 1250 and Kerry on 962 with powers per WRTH. This is a new and developing service and is only on for a few hours a day around 1900-2100 CMMP Connemara is located in the Midwest, Donegal in the Northwest and Kerry in the Southwest. Bengt reports that these are very poor and sparsely populated areas. The planned new 250 kw Athlone w transmitter still seems to be far in the future. (GPN)
IIBYA The power of the station on 1454 is 20 kw . (MNC)
MOLTA The Broadcasting Authority of Malta is operating on 998 using 5 kw . Sked is 0730-1900. * The Deutsche Welle Relay has started tests, being heard around $1700-$ 2200 with announcements every half hour, indicating the frequency as 1570. (MNC) Also in MNC is the comment that the 701 transmitter of Radio Monte Carlo is not the "Projected Malta Relay". This is the first info I have seen mentioning a RMC relay on Malta. Anyone have anymore info? (ED)

SHARJAH (Trucial Amirates - or is it United Arab Emirates?) After a short stay on 1578 the 50 kw Sharjah outlet is now on 1535 kHz . (Ginbey, Arctic)
SOUTH AFRICA As part of its plan to terminate all MF broadcasting by mid-1974 the SABC closed the Fast Iondon MW stations on 602,683 and 791 on December 31, 1973. The Kimberly stations on 962,683 and 791 are still on the air with open carriers but no programming. The Pietermaritzburg station (764? GPN), also announced to close, is still active. Apparently the SABC is having second thoughts about closing all Mistations for fear the frequencies will be occupied by other countries ("hostile countries" like Tanzania and Zambia). (Ginbey, Arctic)

SOUTH KORFX The FEBC station on Cheju Island, HLDA-1570 began regular schedule on January 11. Schedule is 1030-1130 in Korean; 1130-1430 in Chinese; 1430-1530 in Fussian; 1530-1630 close in Japanese. (NZTXXRA)

YUCOSLAYTA Radio Zagreb 2 is now operating on 737 with a 20 kw transmitter from Rijeka. A new station, Radio Ohrid, is now on 1546 with 10 kw . (Arctic)

## SOVIET REPORT FROM THE ARCTIC RADIO CLUB

The fussians are currently in the midst of a major reshuffling of their MN and LW networks and much of the new information updates the new WRTH. The following latest data comes from Arctic Radio Club Soviet experts Olle Alm (Sweden), Ruben Pankov (Bulgaria) and the latest EBU internal monitoring data:

New station with 1st program; could be Earnaul from 310
New Mayak station here; reportedly in Nakhachkala
Minsk is off the air
Orenburg is now here from 300 kHz
Two new stations here: Petropavodsk with Mayak programming plus another Nayak 0200-0100 in the Byelorussia or South Faltic area
630 Considerable activity here: a new Far Fast Mayak station scheduled 1900 1800. Syktyvkar is here from 320 kHz ; s/on 0155 with local ID; s/off 2100 in Mayak. Unid Caucasus stn programmed $0500-1300$ and $1800-2200 \mathrm{w} / \mathrm{Pgm}$ I. The new Mayak station here is probably Saratov from 340 kHz ; sked $0200-0100$. Tashkent I here $0000 \mathrm{~s} / \mathrm{on}$; delete 908
Sinferopol plus a second (unid) station here noted by EBU
674 One of the Ukraine station here takes programs from Uzhgorod at 0520 and 1510, Mon-Fri; the other from Mraelnitskiy at $1500 \mathrm{Mon-Fri}$; the latter s/off 1600.

Unid signs on 0200 with 1 st program
Unid Caucasus station here 0300-2200 with Mayak
Unid North European here 0200-2100
935 Lvov now signs off at 1600. From 1700-0100 the channel is occupied by Vinnitsa FROM 1546
प44 Riga now here with Mayak $0200-0100$ from 1586; (this may be my Russian presumed to be Rostov - on-Don, GPN)
Unid USSR station here per EBU
Alma Ata reported here by EBU
Caucaus station here 0300-1300 and 1600-2200 with Program I
Sochi? 0200-2200 with Program I
Central USSR or Volga area 0200-2200; Mayak not on yet?
Unid USSR station
1196 Minsk now here 0300-2200 with the programming formerly on 400 kHz . The stn here 0400-2200 with 1 st Program seems to be Kaunas
Unid USSR plus a jammer here
Ukrainian operating here
Kuybyshev has dropped the night transmission; a further new station with poor modulation is heard 0400-2100
New unid Central Asian with Mayak 0000-0200
New Caucasus area station s/on 0200 with Mayak
New station here relaying Frunze // 1430 heard from 0000 GMT
One of the Mayak stations here is on $0200-0100$ and takes Foreign Service (fomerly on 935) from 1700; could be Lvov here now
The powerful station formerly here is now off the air
One of the Moldavian stations from 1313 is now here with Mayak and Moldavian A strong Mayak station closes here 1530 and moves to 1525 kHz
Another Mayak station closes 1600 and perhaps moves to 1525 kHz
The Ukrainian formerly on 1493 now here with Foreign Service from 1500
Strong Mayak here s/on 0300 or later probably Leningrad. A Caucasus area station is also Mayak 0100-2200

All the material from Arctic was from Gordon Nelson, as is the following.
RECENT LOGGINGS BY BENGT ERICSON ON VACATION IN THE CANARY ISLANDS
710 ELWA Iiberia. S/off 2300; religious and cultural programing.
746 Kenya noted with good signal 0400; Spanish Sahara Cultural Program// 998 \& 656 also noted; this is the first positive confirmation that this station is on the air.

917 Mozambique noted with NSP progranming; QRM from the Slav and Spain. 989 Franceville, Cabon; weak 0445
1232 Padio Monte Carlo Relay, Cyprus, noted along with Nordzee.
1436 Mali heard in French on this channel.
And now, whats being heard by members.
550 -guatemaia tarv radio 570, Guatemala listed, mixing w/Cuban beisbol 3/4 0539 w/marimba interlude during ER //TCWC 9759 kHz . (Hauser)
580 -CUBA Very weak station carrying Radio Rebelde 0915 on 2/23. May be CMJM but strong for 500 watts. (Falconer)
610 COLOMBIA HJKL Emisora Nuevo Mando instrumental mx completely covering the channel, ID at $03443 / 4$, into more lively mx, mention of Guatemala (was their elections this night). (Forth)
615 -NICARAGUA (Tentative) Radio Nacional presumed the weak SS $3 / 4$ 0407. (Hauser) YNM is on 620 now Glenn, this was likely the Ecuadoriano (ED)
640 -GIATEMAIA R. Nacional, TGN, marimba // $9759 \mathrm{u} / \mathrm{CMQ}$, KFI $3 / 40536$. (Hauser) -HONDURAS HRVT R. Exitos u/CMQ but consistant, w/ID as "Ahora Popular - popular de Radio Exitos" 0402 3/4. This one verify? (Forth)
647 -Nvstery Resolved. Letter back from V.R. Pressman of BBC says, "The program you heard on 18 December was a recital of Indian Vocal Music by Lakshni Shankar broadcast on Radio 3 from 2245 GMT . We have pleasure in enclosing our acknowledgement card ..." Just what the DXer needs: nonstop Indian mx $\mathrm{w} / \mathrm{no} \mathrm{ID}$ on the hour at a time BBC usually programs classical mx! (Nelson)
670 -GUATEMAIA Ia Fabulosa listed, marimba // 9759 3/4 0535; quite weak u/Cuban; wonder if they 've gone directional ending their powerhouse days? (Hauser)
675 -COSTA RICA "Aqui en Costa Pica esta es Sonora" w/Vibraphone, tropical mx $3 / 40531$. (Hauser)
760 -GUATEMAIA One station not on the national ER net was super Padio, $3 / 40358$ s/off mixing w/Reloj Nacional, "Super Radio, TGHC, se retira del aire", 4 ascending chimes. WRTH gives calls as TGHS, FBIS as TCHB. (Hauser)
818 -MOROCCO Man strong $w /$ news in AA 0113; freq 818.0310. 2/8. (Nelson
850 -GLATEMALA Radio Ciros, TGX, marimba interlude during ER 3/4 $0617 / / 9759 \mathrm{u} /$ KOA OC et al. (Hauser)
/(Hauser)
80 -GUATEMAIA No sign of Nuevo Mundo during ER $3 / 4$ at 0527 and other checks.
939.5-TGTL, Ia Voz del Hogar, Guatemala listed; //9759 w/marimba, 0524 anmt $3 / 4$ in ER net. (Hauser)
945 -HONDURAS R. Panamericana, HRYW, Tegucigalpa, 3/4 0501 YL s/off giving freqs
985 -ECLADOR/PERU (Tentative) $3 / 40412$, Sinatra like vocal, het 986; very weak -ECUADOR/PERU (Tentative) $3 / 40412$, Sinatra like vocal,
only occasional audio, peaking again at 0438 . (Hauser)
1000 -GUATEMAIA TGAH R. Mil, Guatemala list, //9759 on ER net $3 / 40519 \mathrm{u} / \mathrm{KTOK}$, etc., playing "Left Ny Heart in San Francisco". A very pleasant concert. (Hauser) - GUATEMALA Marimba ER net definitely //9759; no Guatemalans listed here; 3/4 0613. (Hauser) Frobably the same TG reported by Larry Codwin several years ago on this frequency. (ED)
-VENEZUEIA $3 / 40505$ caught ID or s/off mentioning 9530 kcs ; YVMX R. Calendario, Maracaibo is the only fitter; also, a slogan ID detected on replay. (Hauser) 1025 -UNDD Beisbol, rather strong w/CCI 3/3 0330. (Hauser)
1030.5-GLATEMAIA R. Panamericana, TGUX, Guatemala, list 1030, ER //9759 3/4 0514; into marimba fill 0517. (Hauser)
1035 -PANAMA R. Union presumed, play-by-play 3/3 0331. (Hauser)
1048 -PANAMA Ondas del Canajagua, HOJ2, las Tablas, presumed emitting monotonous mx 3/3 0332. (Hauser)
1050 -UNID SS u/XEG mentioning Guatemala 3/4 0343, but not mentioning for para11el; if in Guatemala, none listed unless R. Sol is back from 1045. (Hauser) 1110 -VENEZUEIA YVQT R. Carapano strong w/strong aurora cx. 0005 2/2 with Radio Carupano ID's. (Falconer)
1115 -NICARAGUA (Tentative) Radio Circuito, Leon likely $3 / 40348 \mathrm{w} /$ monotonous rax, het de 1114. (Hauser)
1135 -GUATEMAIA IV de la Costa Sur, TGVR, Retalhuleu, first NN stn noted w/ER, 3/4 $0306 / / T$ OWB 6180 kHz ; returns fragmentary, mentioning that Guatemala has 22 Departamentos. By 0546 the returns (monitored on 9759 kHz ) from Guatemala \& some Deptos. amounted to 3523 for MLN-PIN(?); 1324 for Partido Revolucionario; and 3154 for Democrata Christiana. (Hauser)

1160 -UNID (Heard on 2nd harmonic of 2320) Most likely fundamental of stn heard on $2320 \mathrm{kHz} 3 / 30239 \mathrm{w} /$ rapid SS play-by-play; 0247 better; 0251 into guitar/ vocal mx; 0254 several persons talking; 0300 confusion sounds more like live Carnival coverage; at 0315 a recheck it was gone. Other possible fundamentals: $773,580 \mathrm{kHz}$. finuserl
1171 -GUATEMALA (Tentative) Marimba peaked $3 / 40335$, seemed $/ / 1135$, but too much KVOO. (Hauser)
1205 -UNID Weak LA here 0200-0300 2/27. IDs sounded like Radio Nacional. (Falconer) * This is likely Radio Monte Rio, now up here from 1196, and heard here this past week w/fair to good signals. Slogan is hard to pick out, at least for me. (ED)
1212 -UNID Strong IA w/hocal mx. 0310-0330 2/27. IDs didn't sound like either $\mathrm{R}_{0}$ Coro or R o Internacional. (Falconer)
1410 -MEXICO (Heard on 2nd harmonic of 2820 kHz ) XEAS Nuevo Laredo presumed on $2820 \mathrm{kHz}, 3 / 4$ 0244; rovoss (i.e., romantic vocal music in SS); het. (Hauser)
1420 -GUATEMALA Carefully checked all regional and local channels for giveaway marimba/ER parallel to 9759 kHz , but this was the only one $\mathrm{w} /$ something which might have fit; if so, listed is TGRP, R. Dial Catorce, Guatemala; 3/4 0550; heavy QRM。 Quit after 0637 as atmospherics increased. Ey the way, no local IDs were caught on the ER net stations; the net ID went like this: "Transmitimos directamente desde el centro de prensa en el noveno nivel de la Torre Quatel". Guatel is the Guatemalan Telecommunications agency. (Hauser)
1475 -UNID AFRICAN Following pill Bailey's recent logging of Dahomey here I've been watching the channel nightly around 2300. A jumble of several carriers noted $2 / 16$; man up in unid language 2300 but too badly chopped up for language ID; carrier cut 2302:30. Same stn noted on $2 / 18 \mathrm{w} /$ West African mx 2230-2242; drums and vocal. Appeared to be parallel to Dahomey on 4870 but so many West Africans program this type of mx that I'm unwilling to log it. Direction finding for West Africa but cannot resolve between Congo and Da-
1825 -CHTNA from here. (Neison) probably the strongest signal of the season 2255 on 2/10; woman in RR. Frequency 1524.9835. A good nite for high band TAs.
1528 -USSR (Tentative) on a tip from lay Moore I tuned here to note what appeared to be the drifting Mayak station 2220-2230; frequency 1528.0023 but drifting several cycles per minute; direction finding $40 \pm 5$ degrees which is consistent w/that obtained previously on the drifter. Ianguage seemed to be $R R$ but not absolutely certain. (Nelson)
1538 -WEST GERMANY Mainflingen outstanding 2302 on 2/10; stronger than 1586. (Nel1570 -UNID GG SPEAKER My unid here is unid no more. It was CHIO per a letter from the station. They program in German, Italian and Croatian every Sunday evening between 6 and $9: 30$. So, if you hear anything weird here in that time period, its only CHLO. (ED)

A couple of verifications from Karl Forth . . .
925 -NETHERIANDS ANTILIES PJA6 R. Victoria, Aruba QSL card in one month, same details as reported previously.
1586 -WEST GERMANY WDR sent colorful green card, but lacked date and time in one month for 2 IRC's and EE report.
The reporters for this issue . . .
Jeff FALCONER - Clinton, Ontario Kenwood 9R-59DS, SM-1 Karl FORTH - Villa Park, Ilinois HQ-160, SM-1 Glenn HAUSER - Stillwater, Oklahoma HQ-160, SM-2
Gordon NELSON - Watertown, Massachusetts Modified HQ-180A, FET altaz loop MNC - Medium Wave Circle
NLDXRA - New Zealand DX Radio Association
And, thats it for another week. Didn't think I was even going to have a column this week, only one report in until I pulled my box on Saturday. Some DXing done by your this past week, but nothing of interest heard. Rather auroral several evenings and only TA in was Nice. $73^{-1} \mathrm{DK}$ and REPORT - SUPPORT YOUR CLUB!!!!!!!!

## M OMESTIC <br> ：


ecitor．．Wes Boyd 9EO W．Liberty
Girard，Ohio 44420 Ves Boyd 216－545－4543
Jerry Starr 216－534－1394
Wel．gang it＇s that time again．Seems none of us really paid very much attention to 1220 during the WGAR SP．As reported here we were trying to arrange tests every 20 minutes．Two tests that never got published here wergKODR ND 0240－0300 \＆KCCS OR 0300－0315．Both notified me of the testo abou＊ 10 days in advance thus not enough time to publish．

Also wrote Denver station requesting 0200－0220 but never got any type of gnswer．Well it seems dAN mYERS heard them，BUT at 0100 to 0120 ．Guess they are really messed up on EDST to MDST conversions，etc．as that was llPM in Denver $\&$ just a bit illegal．

Will try more of the same next fall in similar WGAR SP．CE of KBIE in Calif．will test but needed more notice than I gave him．Any of you guys with 1220 locals might contact them about possible tests during such a SP。

TRS writes to inform me of info I didn＇t have in the presunrise power list in $2 / 28$ issue．Seems KQWC is 1570 （ex KJFJ）＊＊WYLF 1350 （ex WYLS）＊＊＊ WMTY 1090 is a SC CP＊＊＊KVOV 1280 NV changes

For what it＇s worth dept．：：
1020 KGBS CA FCC denied application to operate $w / 50 \mathrm{Kw}$ nights
KSWS NM FCC denied application to operate $\quad$／ 50 Kw fulltime．
Application：：
890 ？？？？UT St．George－－seeks 50 Kw days \＆lokw nights．I assume thif will
be directional nights to protect WLS．One of the last I－Bs available． GRANTS：：
1380 2？？？VA Lebanon．． 500 watt days（ $D-1$ ）
1470 ？？？？KY Harlon．．．． 1,000 watts days（D－1）
1540 KBES WA Granted 5,000 watts night（remains U－4）
Now into a mess of changes from the FCC

Calls：
840 WXew PR Yabucoa Call，applied for．．
1090 KKYN TX Plainview Call applied for．．
WTSD FL seeks WTBM 1520 WYNZ MI seeks WYFC
1330 KCFA WA seeks KMBI
1340 WKRZ PA seeks NZT
1490 TCOF FL granted WKM
1540 WPA高 NY seeks WYRD
1590 WNIR IN seeks WNTS

Technical changes．．
610 KILT TX install new main transmitter
920 KSRM AK Now IDs as Soldatna／Kenai
990 TANT VA move transmitter site
1010 KSAY CA move transmitter site
1090 WSLG LA Tower to $493 \mathrm{ft}_{\mathrm{t}}$
1250 KDHI CA move transmitter site
1360 WELP SC granted use of auxillary transmitter
And finally．．．
950 WIIT OH This has been RS since $9 / 29 / 73$ per verie（JS）
1150 KGMC CO Dropped Mutual net $\&$ is now UPI audio（PS）
1510 KDKO CO Is now running 5,000 watts night（PS）
1510 KDKO Co ls now running 5，000 watts night（PS（IS）
PS am Pete Skinner of Boulder，Co．who sent above info in a clipping from $2 / 20 / 74$ Denver Pest．．．Clipping sez KDKo remains at 1,000 watt days． Thanks muchly Pete，how about reports of the DX out there？？？

And I just found more changes gang．
560 WFRB ND Now Aux．sutr． $1240 \mathrm{KLOA} C A$ move xmtr．site 580 WOFE TN＂$" \quad$＂ 1260 WPHB PA new Aux．xmtr． 990 WNO WI Tower to 250 ft ．

1260 WPHB PA new Aux．xntr．
1270 WLIK KY＂＂＂

1310 KFLA KS New Aux．Xmtr
1320 WEFT VA move xmtr．\＆change DA and increase to 5 Km

Sked changea \＆sthick from PKH．．．．
1260 KVSF NM Has a daily SP，but s／off varies between $0200 \& 0300$
1300 KVET TX is NSP
1410 KERN CA Called on recent visit－－is \＆has been NSP
Now the Canadian changes per CRTC．．．
620 CFCL ON application to move from here to $850 \& 10,000$ watts DA－N C2？？ON Sudbury－－Application for $10,0005,000 \mathrm{DA}-1$（U－3）EE here． needless to say this is pending on the CFCL application to more
790 CHIC ON application to $5,000 \quad 5,000$ U－4
850 CFCL ON see 620 info above．
1440 CFCP BC approved drop of CBC net
1490 C ？？？PQ approved FF station Ste－Anne－Des－Monts．． $1,000250 \mathrm{U}-1$
1510 CKOT ON application to move xatr．\＆go to 10,000 watts daytiae．
OK group thats it this time．Should any of you have information on station changes you don＇t see here please inform me．The CRTC is a bit slow，but much faster than the FCC in getting info out．Besides it＇s very possible Starr or I could skip over something．Thanks muchly．．．
re＇s
Foist da＇no shows．：
4th．MM REVA 860 （HWB）
4th．Thr KWGH 1290 （PKH）
WHMI 1190 （JS）
4th．Sat KBBA 690 （JS）
Checks heard．．．all FEB．
3rd．MM
KWKY 1150－－WHSC 1450 （JS）
th．MM
WCCR 1580 （ELK）WCVS 1450 （ELK－DS－JS）KAMA 1060 （DS－HWB－JS）KROX 1260 KIXY 1260－KGIW 1450 （PKH）WEED 1390 （HWB）
4th．Wed
WSNT 1490－WROB 1450 （JS）
4th．Thur
KLLA 1570 （ PKH ）
4tin Sat．
WABD 1370－－KWEW 1480 （JS）
4th．Sun
KCKW 1480 （PKH）
The WSLV 790 NY f／c sked for the MM nearest the l5th of the month was not heard by Starr or myself．

Several have reported a possible f／c on 1400 using tele busy aignal．Sorry we can＇t ID this for you guys．BUT the WROB 1450 4th．Hed．$f / c$ uses same $\&$ is in MS． Thus possible MS station．

日unset e evening
600 WFST ME 2／20 W／WICC semi nulled this in $1758-1800 \mathrm{~s} / \mathrm{off}$／FM mention and no SSB ．．ME \＃14（RM）825－－A wise guy ain＇t ya＇？？－HWB
730 WLOR GA 2／27 Fair w／C\＆W 1907－1914 then lost to QRM（ELK）
740 VBAM AL 2／27 Well w／UPI nx 1903－1905 then $\quad$ mx \＆mx（ELK）
810 WSJC MS 2／23 Great o／u WGY／KCMO to power／pattern change 1944．WGY weak this eve．\＆dombnated by WMIS－WQIZ－KCMO－WSJC－\＆WEDO（JMP）Sure you didn＇t leave someone out？？－HWB
1000 WXIN MS $2 / 19$ Hrd，this w／g／off annct． $1844 \mathrm{u} / \mathrm{WCFL} \cdot(\mathrm{JF})$
1130 WCBX NC $2 / 19$ This a suprise in WNEX null running C\＆ 1837 （JMP）
1190 WLIB NY $2 / 23$ Noted 1640 calling itself $12-B$ radio（MK）Why？？？－HWB
1220 WCDQ CT $2 / 24$ Fair W／s／off 1929 \＆SSB just o／WGAR／WFAX（JMP）
1270 WRJC WI $2 / 13$ ID just made it thru mess 1820 （JF）
＊ 1250 CBGA PQ 2／24 Likely the one $\mathrm{w} / \mathrm{CBC}$ FF Hockey 2259－2335 ELT（AFR）Outta order group，besides ELT for ANDY is EST－－HWB
1470 WNEU WV 2／15 Heard weak s／off annct． $1858 \mathrm{u} / \mathrm{WSAN}$ pest（RJE）Russ，you of all people should know this is gone bye－bye．Moved to 1600 about a year ago leaving 1470 open in Wheeling－－SHAME－－805－－HNB
1520 WIDD TN $2 \neq 20$ Poor $u /$ WKBW w／C\＆W max till 1815 s／off（JF）
1550 WOKI TN $2 / 22$ Newie hrd．loud at $s / o f f 1930$ without SSB but address is


1570 WSSA GA 2/14 Hrd. 1900-1913 w/ discussion of education in "Clayton County". Frequent referances to "Clayton" \& I was all set for WGHC when ID turned out to be this semi-regular pest. Seems that Morrow, Ga. (WSSA QTH) is in Clayton county, but Clayton is not. Very confusing--(RJE) Not as much as WNEU on 1470--HWB
WQT PA $2 / 21$ Totally smashing local WTCL $W / \mathrm{s} / \mathrm{off} 1859$ (JS) Argggh-HWB
WGSR GA $2 / 22$ Noted $w / \mathrm{s} / \mathrm{off} \& \mathrm{SSB} 1914$ (JS) Keep it up wise guy-HWB
WHEL IN $2 / 22$ S/off $\mathbf{W} / \mathrm{SSB} 1915$ (JS) Your really asking for it-Hwa 1580 WPUV VA $2 / 23$ Powerful as usual $1901 \mathrm{w} / \mathrm{B} / \mathrm{off}$. Never mentioned location in the $\mathrm{f} /$ off annct. -An FCC no-no (JS) Har-de-Har-Har--HWB
VVA IN 2/21 Hrd. s/off 1915, no SSB. Is C\&W and calls itself the "Station at the Loud End of the Digi" (JS) Whazzat mean? 2-HWB
WEND PA $2 / 16$ Hrd. W/ MOR max \& Several 1590 WAVA WI 2/12 Very good \& in clear w/ s/off annct. 1814 (JF)
micinight to sunrise
540 WDAK GA 2/25 AN w/RR atop freq 0420-0435+ while looking for WYLO DX which, if on, not heard (TRS) $2 / 25 \mathrm{~s} /$ on weak 0400 about even w/wYLO DX (PKH)
KNOE LA $2 / 25$ noted off during HYLO DX, called, sked: 24 hours, SP MM 0100-0600 (PKH)
WYLO WI $2 / 25$ DX copied $0330-0500$ weak but readable enuf for nice tape, lotsa QRN (PKH) 2/25 DX like a local $\sigma / C \& W$ and TT $0333+$ (JS) 2/25 DX logged o/unid LA, poor to fair 03350359 (AFR) 2/25 DX not heard, only SSer and weak RS EE 0330-0400 (RjE) 2/25 DX noted in passing w/bot tom-or-the 0339-0348 when in bad fade (ELK)
550 KSD MO 2/22 dominant $0031-0035$ w/fine signal (ELK)
560 WHBQ TN $2 / 25$ quite good in WFIL null 0320 W/RR, first time ever noted $w /$ WFIL on (DS) So what? - JS

+ WIS SC $2 / 22$ noted s/off 01O6, good signal but severe QRM, new sked? (ElK) Log sez 24-hours, evidently this is not true - JS
KWFO MO $2 / 22$ mast be this w/United Van spot 0107 giving 10 phone numbers, quickly covered by WHSS/WHBQ (ELK)
570 HKYX KY $2 / 22 \mathrm{~W} / \mathrm{RR}$, then $\mathrm{s} / \mathrm{off} 0059$, no SSB , heavy WKBN QRM (ELK) Yep, I have that problem here too-JS
WGMS MD $2 / 25$ on ET w/classical mx 0348 (JMP)
590 WKZO MI 2/25 DX not here Ol30+, all VOW and Cuban (JS) $2 / 25 \mathrm{DX}$, if on, not heard w/Cuban \& others (TRS) $2 / 25 \mathrm{DX}$ not heard, thot I had a chance, did it go? (PKH) Not from what we hear-JS
600 CAO MD $2 / 22$ surfaced at 0152 for ID , frequency sounded like graveyarder at the time, HJHJ dominant later (ELK) La Voz de QRM-JS
690 KBBA AR $2 / 23$ listed 4th SA RC not heard tho fairly clear freq (JS)
740 Unid ?? 2/25 w/various pitch TT weak 0313, WKIS also in (DS) 869-JS
750 WPDX WV 2/18 DX fair in WSB OC 0201-0216 (PKH) 2/18 DX heard 0152$0210 \mathrm{w} / \mathrm{WSB}$ on ET (RM) 819!
+940 WINZ FL $2 / 25$ noted in RSS 0430, log change (JS)
WINE CT 3/4 super loud on ET/TT/RR 0210-0230+ (JS) Ditto 0228-0233 end of ET (HNB)
WGRP PA 2/18 ET w/C\&W notedi 0423 , off 0429 and even gave an ID (JS) 3/6 w/OC/ET noted 0248-0300 w/ID, still on 0305 (HHB)
KTOA IA $2 / 25$ was AN MM, log change (JS)
KGRL OR 2/25 noted TI in RC time period, weakly u/other TTer 0322 tune in, short break 0325, off 0329 , no $C W$ IDs as promised, did anyone ID this for sure? (JS)
980 WONE OH $2 / 25$ w/promo for Kidney Foundation, then ad for firm in Richmond, IN, ID 0215 (MK)
1060 Unid ?? 2/25 who had ET here $-/ M X / O C$ 0222-0242? Played Green GRaSS of Home thrice, said some "hellos" and stuff but no IDs (ELK) KAMA TX 2/25 FC per list $\mathbf{w / 4 0 0}$ cycle tone 0202 (DS) RC/TT louder than ever, on 0200 , off 0205 (JS)
Unid ?? $2 / 25$ heard $0200-0205$ w/thru unid ET/TP, announced as FC w/ 400 cycle TT, TC and off (MK) Twas the above KAMA - JS

1070 KNX CA 2/18 w/steady 40 o/9 0315-0330+ killing WIBC (JS) WINA VA $2 / 25$ very strong 0200 ID, then CBS Nx (MK)
1090 KAAY AR $2 / 25$ noted $w / \mathrm{s} /$ off 0200 w/SSB (DS) 828-SK
1150 CHSJ NB 2/24 call letters heard between'cuts on local wCop 0140 (MK) KWKY IA $2 / 18$ RC/TT L\&C but on 0125-0140, five min earlier than list (JS)
1190 KLIF TX 2/25 ETing most of AM, nometimes $\mathbf{w} / \mathrm{high}$ levels of TT, with strong splatter plus and minus 40 kHz (PKH)
KEX OR $2 / 18$ best in last few years 0335-0410 w/MoR and UPI Nx at KEX OR $2 / 18$ best in last few years
0400 (JS) Where was GF this morning? - SK
Unid ?? $2 / 25$ ET here 0220-0240+ w/continuous big band max, no IDs (JS) UHMT TN $2 / 22$ reported RC 0145-0200 4 th FR not heard (JS)
1220 WGAR OH $2 / 24 \mathrm{w} / \mathrm{s} / \mathrm{off} 2359$, then IDs in ET most of $A M$, some later IDs after 0200 were stronger than WGAR RS ever heard here under XES ( PKH )
WERT OH $2 / 25 \mathrm{DX}$ s/on, into teat 0001 , much stronger than WGAR s/off in well til XPB killed 0110 , before that XEB all gone, wich is strange here (PKH) 2/25 DX heard weak ID 0010 and on/off TT (KDF) $2 / 25 \mathrm{DX} \cdot \mathrm{W} / \mathrm{CW}$ IDs heard only 0003,0004 , 0006 and 0015 thru WGAR $O C$, CHSC/Unid FF/Cuban (TRS) 2/25 DX very weak $u / W G A R ~ O C$, ended 0016, WGAR off 0016:40, bad timing (JS) 2/25 DX in weakly, WGAR on OC 0008 w/march mx, TT and CW and voice IDs (DS) $2 / 25 \mathrm{DX}$ not heard, WGAR w/OC full power $0000-0020$ ( RjE ) We understand the WGAR OC/ET was $\mathbf{~} / 5 \mathrm{KW}$ - JS
WKBK NH $2 / 25 \mathrm{DX}=/ \mathrm{C}$ \& CW IDs 0040, 0046, then to mx/voice/CW (RjE) $2 / 25 \mathrm{DX}$ in well 0040-0111 $\mathrm{W} / \mathrm{RR}$ oldies, CW IDs, etc, much louder than HERT (JS) 2/25 DX if on, not heard (DS) Tough-JS $2 / 25 \mathrm{DX}$ / CF IDs 0040, 0046 and 0049, best copy of ID 0052 after steady TT (KDF) $2 / 25 \mathrm{DX} w / \mathrm{CF}$ IDs 0040 , 0046 , $0101 \mathrm{w} /$ $\begin{array}{lll}\text { after steady } \\ \text { best audio 0100-0101 } 0 / \text { WGAR } \alpha \text { and mess (TRS) } & 2 / 25 \mathrm{DX} \text { w// }\end{array}$ best audio oloo-0101 o/vGAR oc and mess (MRS) $2 / 25$ DX W/
voice \& CW ID OlOl, CW ID poorly sent (MK) $2 / 25 \mathrm{DX}$ noted voice \& CW ID 0101, CW ID poorly se
w/poor signals, ID 0040 (ELK) 921!
KOFO KS 2/25 DX w/ID 0153 w/address, fair to good (KDF) 2/25 DX in well ol40-0200 s/off even killing XFB most of time (PKH) 2/25 DX o/FGAR ET a few seconds w/IDs 0156 \& 0159, only audible twice in 15 minutes (JMP) $2 / 25$ DX fair thru WGAR $\propto$ and o/CHSC, D.J asking for reports and giving address 0158 then gone (WDF) $2 / 25 \mathrm{DX}$ in very well at 0153 check, much CHSC (ELK) $2 / 25$ DX L\&CC 0145 w/Moody Blues cut. loudest of the 1220 nXes yet, the farther the station, the louder it seems. Odd (JS) $2 / 25$ DX not heard (RjE \& PKH)
KDDR ND 2/25 DX noted 0242-0255 but only IDs made it, severe XEB/ CHSC and WGAR a slight problem here (ELK)
CHSC ON $2 / 25$ weak thru WGAR ET/OC 0105-0158 w/C\&W and ads (HDF) 2/25 W/ID 0057, then C\&W mx (KDF)
Unid ?? $2 / 25 \mathrm{w} / \mathrm{bursts}$ of TT about half-second long plus some long bursts 0010-0015, was this WERT? (MK) Yes, that was dm's attempt at CW ID3 - JS
Unid ?? $2 / 25$ ET/OC and pulsing TTs about 2 kHz on/off 0000-0200, no IDs ( RjE ) Dunno, Russ, not noted here, local spur? -JS Unid ?? $2 / 25$ was there an EX 0020-0040? TT about 2500 Hz noted 0025 and again oo30, could not tell if. WERT was continuing or WKBK on early (TRS) Third-person info here sez WBUL was ETing early 2/25 but can't personally confirm - JS
Unid ?? $2 / 25$ maybe my ears were playing tricks but itheard something here 2 or 3 times w/EST TCs and call sounding like "CJFA" at each TC, heard once o/u CJSS s/off 0100 , at least two IDs were close together and by different announcers, different calls (RjE) Writing a book, Russ?m JS
1230 WTIV PA $2 / 18 \mathrm{DX}$ W/TT $0120-0203 \mathrm{w} / \mathrm{HKBO}$ QRM, one good ID 0133 (RM) $2 / 18 \mathrm{DX}$ w/poor signal but IDs easier than expected, heard 0232-0301 $\mathrm{w} /$ severe QRM, Unid FF, likely CHVD (AFR) WBLJ GA $2 / 18$ on ET w/MX and ID (KDF) Time?



1250 FLFH NY $2 / 18$ on ET w/ID 0321 while trying to hear more WTIV (AFR) WSAL IN 2/18 noted etill on 0146-0200 fadeout, log sez off 0000 (JS)
1240 WBAX PA $2 / 25$ popped out of mud 0046 for ID, then siithered back (MK) Probably a result of the floods - JS
1260 WWDC DC $2 / 25$ oll4 w/Migh-Low Contest (MK) ELK could win the High portion anyway - JS
1340 WIZE OH $2 / 26$ in briefly 0311 w/ID and spots (ELK) Before your eyes?-JS 1360 WCHL NC $2 / 11$ DX fair 0311 w/ID and RR (KDF)
1370 FABD KY $2 / 23$ RC/TT 0140-0155 o/u WSPD (JS)
1390 WNUS IL $2 / 21$ w/PSA and local nx 0030 in WFgL null (FDF)
1400 W??? ?? $2 / 11$ on/off "busy signal" 0330 , looping S/SE, no ID (KDF) Dunno, maybe a FC, see my 1450 logging-JS
1410 CKSL ON 2,/26 struggling to get thru WING/KQV 0135-0300 but never made it, others noted also (ELK)
1420 CKPT ON 2/26 in well twixt 0104-0107 w/nx \& sports (ELK) 2/24 heard thru HHK w/EST TC's and call letters at 0230 (MK)
$+\quad$ WVJS KX noted $0209-0305+$ w/Top 40 on $2 / 22$, had announcer between each record but only mentioned calls twice in the hour, before the half-hour headlines and at top of hour, no nx there, no spots or PSAs in the hour either. V/1 sez has been 24 hours since $11 / 73$, has MM SP 0100-0600, also gives WSTO-FM IDs (JS) Log change
WHK OH $2 / 22$ evidently off $0200-0300+$, no sign of them here, this a Friday morn, back on AN 2/23 (JS)
KTOE MN $2 / 22$ /Top 40 0206-0220+w/WHK off, sports 0215 (JS) 2/25 in solid $\mathrm{w} / \mathrm{nx} 0158-0200$, then RR mx (ELK)
WBSM MA $2 / 25$ in well 030A-0306 w/gnow warnings and uptempo wx (ELK) WOC IA $2 / 25$ noted $/$ KTOE and heard TD 0202 (ELK)
+1439 Unid ?? 2/18 noted $0020-0105+$ weak $W / D F E / V$ so not an off-freq SSer, few snatches of audio, but assume domestic, measured at 1439.2, not noted since then (JS)
+1440 WHHY AL $3 / 1 \mathrm{ET} / \mathrm{OC} / \mathrm{MX} 0359$, 0400 ID said ETing w/low power, no longer NSP? Log change on un-sked EIT? (JS) $2 / 25$ noted on top $\pi / R R$ 0148 (DS) 2/25 W/clear ID 0130, unexpected here (MK)
1450 WFRA PA $2 / 25$ DX not heard, weak TT u/wILM but not enuf for ID (AFR) 2/25 DX, is this the continuous OC 0320-0335, no ID ? (JMP) $2 / 25$ DX no sign here, unid TT 0115 and again om/off 0200 but DF off for WFRA (RjE) 2/25 DX think noted way u/WILM w/TT 0143 (DS) This DX was not on, CE's 30-mile trip to station twarted by ice/snow/garbage storm. I worknd here 1958-1962 and used to get snowed in tho I lived 3 blocks away - JS
WHSC SC $2 / 18$ RC/TT steady S-9 0116-0130 (JS)
WHLS MI $2 / 25$ good $w / R R$ on top 0140 into sports (JMP) I'm not really into sports myself - JS
WFTR VA $2 / 26$ strong on RC/TT per list (ELK) 815 !
WILM DE $2 / 25$ surfaced for ID 0137 (MK)
FQQT GA $2 / 25 w / E T / T T /$ phoenetic ID e/min 0125+ (RjE)
WCYS IL $2 / 25$ strong /TT 0145-0147 w/LD jingle (ELK) 2/25 RC/TT loud 0130-0144+ w/jingle ID as usual (JS)
WROB MS $2 / 27 \mathrm{RC}$ 玉/telephone busy signai $0400+$ (JS)
KRZY NM $2 / 18$ ET most of $A M$ w/TT/OC, strong, ID every half-hour but difficult to understand even w/strong signal (PKH)
WENZ VA $2 / 250135 \mathrm{w} / \mathrm{ID}$ and Community Bulletin Board (MK)
1470 WTTR MD $2 / 25 \mathrm{DX}$ if on, not heard in bad jumble 0430-0440+ monitoring period (TRS) Hummmm, did not know this DX even existed, wasn't in DXN was it? (JS)
1480 KIEO KS 2/25 RC/TT 0400-0414 (JS)
WHOM NY 2/26 on top 0207-0220 $\mathrm{m} / \mathrm{SS}$ (ELK) 818 - JS
KWET NM $2 / 23$ RC/TT on early 0158 (JS)
1490 WDXB TN $2 / 25$ on top w/Ai nx 0432-0437, ID jingle, then RR (ELK) 2/27 announced ET W/ MX/TT 0354-0400+, log sez 24 hours (JS)
WSNT GA 2/27 RC $\quad$ /dialtone 0345-0359 (JS)
1500 KOKN OK 2/18 ET 0142-0300+ T/ID 0200 \& 0235 killing KSTP, someone else also ETing here and KROQ heard briefly, no sign of CKAY (PKH)

1510 KGA WA $2 / 11$ ID 0229 w/CJRS to $0325 \mathrm{~s} /$ off (KDF)
1550 КGMO МО $2 / 25$ ET/RR/TT/OC 0240-0305 (WDF) 2/25 noted ET/RR 0235 , jingle 0248, ID 0254, only WAAY left (DS)
WIRV KY 3/2 listed RC 0300-0315 not heard, clear freq (JS)
1560 WGLB WI 2/25 DX not heard 0300-0330, only weak SS and humongus noise level ( RjE ) From the movie"Humongus Meets Godzila" DX not heard, this one heard ETing last year w/good signal, assume not on (JS) 2/25 DX not heard, my excuse is CKLM slop plus CJMS image (AFR) My excuse is better than yours - JS
WSDL LA $3 / 2$ loud ET/TT/OC 0200-0235+ ID 0215 \& 0230, anybody ever get this one to verify? (JS)
1570 WTLK NC $2 / 130600$ poorly w/s/on (KDF)
1580 WCCR IL $2 / 25 \mathrm{FC} / \mathrm{TT}$ per list 0310 , off 0315 , was quite good when on (DS) Probably a lot better then when they're off - JS WSUF NY $2 / 14$ ET/RR Oll5+ w/loKH, ho-hum, the eternal ETer returns (JS)
WCCR IL $2 / 25 \mathrm{FC} / \mathrm{TT}$ per list $0309-0314$ (ELK) Was it easier when it was on ? (JS)
1590 Unid ?? $3 / 4$ ET 0305-0340+ W/TT periods of various frequencies, each freq announced like test record or tape, no ID (JS)

Since Wes did this editions opening comments, I shall make the closing comments - JS
CLOSING COMMENTS: Goodbye
CONTRIBUTORS:
JWB: Joe Brauner, Punxsutawney, PA, SX99, longwire
RjE: Runford J Edmunds, Wayne, NJ, HQ150, 4-foot altaz loop
JF: Jeff Falconer, Clinton, ON, Kenwood 9R59DS, SML
KDF: Karl Forth, Villa Park, IL, HQ160, SMl, 100' longwired
WDF: Bill Fait, Cleveland (City of Magic) OH, Allied 2660 portable
PKH: Paul Hart, Fart Horth, TX, SX28A, altaz loop, Fisher 90T, SMl
MK: Mickey Katz, Brookline, MA, HQ180, 4-foot altaz
RM: Ron Musco, Windsor, CT, HQ18O, loop
JMP: Jim Peterba, Yardley, PA, HQ200, SM1
AFR: Andrew F Rugg, Montreal, $0 \mathrm{~N}, \mathrm{AR} 88-\mathrm{D}$, dipole (are you the man who does the geomagnetic index?)
DS: Dave Schmit, New Castle, DE, HQ180, SM2
PS: Pete Skinner, Boulder, CO, no equipment listed.... how about it, Pete? TRS: Tom Sundstrom, Willingboro, NJ, HQ150, SM2; DX150, HQ140, longwire ELK: Efram L. Krjney, Middleburg Heights, OH OH, HQ180, 4-foot loop HWB: Wes Boyd, Girard, OH, HQl80, 2-foot altaz
US: Jerry Schtarr, Hubbard, OH, HQ180a, 4-foot loop
AB : Alfonso Bedoya, Gringo, $P Q$, Juanita 836, inverted vertical
LAD: Lewellen A. Duck, Pithole, PA, Eico PL 259
DOA: Duane Alkwan, Macon, GA, Honda-450
OK, group, another DDXD endeth. Remember, as you pass through each day, treading this mortal sphere of toil and dirt, it isn't what you say that counts, it's the color of your doorknob.


73' and Bad Dx,


Wes Boyd and Jerry Starr
LA K EWOOO
STEAL: CREATIVITY IS PERFECTING THE ART OF CONCEALING YOUR SOURCE - JS
*** Folk: for about the third time in as many years RjE must eat crow, which really tastes lousy. That's what happens when you report something that couldn't-a been, which I did on page 2 above, but I'll not take the easy way out and spill white-out on it, I'll admit it. Methinx this is the same stupid sort of circumstances as the others, too.... a station what moved, and $I$, hearing something vaguely similar, carelessly didn't bother to check out my rash assumption. SHAME !! and let it be a lesson to you all, hi -R.jE

There's a Town in Texas named Terrell
There once was a pitcher named Ferrell
We once had a member
Who's re-kindled his ember
nd now it 's Welcome back, Frank Merrill!
FRANK MERTIL - 1560 Brooke rark Drive - Apt. 8 - Toledo, Chio - 43612
Before rambling on about recent doin's, a into is probabiy in store. I'm single, at 26 . A11 times in EDP. MM 2/11- YSCF-1155 12:03 w/Ondas Orlentales ID in passing, KWKY-1150 ID/NX 12:30, CBO-910 presumed to be ontario WX 1:08 fhghting CKLY; Le Voz de Bogota-890 e 1:34 presumed HJCE, KSAC-580 1:59am IDIng as rot test, HJDK -750 mentioning Caracol; Nice- 5554 presumed to be the FF e 2:24. 1580 , K-Day, keeps on comin' on", 2:30. NSHers KHOW KTAR WDUZ a 1 so not= 2:24. ed during the course of the morning; WCHL-1360 made it $3: 24$ on the TEST. At SSS ed during the course of the morning; WCH1-1360 made $\mathrm{WSUM} / \mathrm{WREM}-1000$, WMOP-900 w/Sea world ad. $2 / 13-\mathrm{CKTB}-610 \mathrm{WX} 4: 4 \mathrm{lpm}$ (WIVN looped WSUM/WREM-100, WMOP-900 w/Ses $\quad 2 / 22-\mathrm{CFRS}-1560 \mathrm{kSTL} / \mathrm{KJSD}-690$, $\mathrm{KGHA}-1580$ ( H 39 on 1580 ) SSS , \& CFYM -1490 , WFRA -1450 , WNCT -1070 on nighttime RS around SSS time. 2/25- WKBK/WBUL/KOFO TESTs made It, as well as CHSC \& XEB, hi. CM- $=1030 \mathrm{~s} / \mathrm{off}$



 1550; TVRS Nargarita" completely buried KNKA, \& YVNM Nil! likewise w/WCFL;
FJD2-1295 country \#24 $9: 10$ EE NX. on $2 / 26$, eight new at SSS! WSWG-1540 WISK-

 then "CK" in Morse code, Vt. \#t2, heard on the radio also. wDIT-900 © SSS w/rr. This mast be sbout 20 . As they say in Stemford, Conn. (wSTC) and Crozet Va. (WHED): 'Werre sure the Doledo Convention will trovide Enjoyment for DXers! (Welcome 'home'Frank! We'll be hoping for frequent Musings aga in! -ERC)
TOM McCormak - 275 Littieton Street - west Latigette, Indiana - 47906
After hearing about RWW (?? -ERC) coming back to the dials that really put me back on the $D X$ track more than ever. The last two seasons $I$ was only semiactive and now I'm back in full swiag and $100 k$ formard to rany enjoyable years of NRC membership! Totals here (since $2 / 67$ ) 50/50 states, $8 / 8$ provinces, ${ }^{1}$ round 1,000 veries, and about 2,250 domestic loggings. About $50-60 \mathrm{f} / \mathrm{ups}$ went out to rare hold-out DX-rarities plus a large number of current new catches. Recent veries inciude: v/I- WOSH-1490, CKY-580 (\#10 from Manitoba) CKIB-1350 KJSK $-900 \mathrm{KICH}-1590$ (Neb. \#2 4 ) WKST-1280 KOCY-1340 KOKO-1450-DX (Thanks mucho, Bruce Reynolds!) v/q too, KIRN-1510 TEST of $12 / 69$ - said I's the most distant - took a while but 'twas worth it" WIYN-1360 Ge., CKIY-910 WVMC-1360 I11. WCHO-1250 0., KNET-1450 Tex., WPIW-1570 0.,-WNIR-1590, KFSM-1589 WNST-1600, CJBR-900, CBEF-540, WMOK-920, KMCD-1570, CHTO-1570 (ont. \# 41 out of 56 heard) \& more. V/CM- WHII-
 1570-TEST \& WMPA-1240 Miss. V/q- WHVR-1280 CKOY-1310 CJRP-1060 WFAR-1470 Pa-
new NSP pest, KCKO-DX CFNB-550 CBEF-540 CJRC-1150 \& CJMD-1280. V/c- WRUF-850
 (Fla. \# 80 logged). v/f-WIDN-970, WCHL-1360-TEST CHAM-1230 KCTA-1030 \& CKIM-1570.
Anyone from Ohio Westwavd who has found Newfoundland in OK, feel free to call me Anyone from Ohio Westwavd who has found Newfoundland in ok, feel free to call
COIJECI at $317-743-4770$. Thanks! They are my onlu real most-wanted longCOLLECP at $317-743-4770$. Thanks! They are my onlu real most-wanted long-
sought DX item I'm chasing. GMers, sCers, DXers, feel free to write any time. sought DX item I'm chasing. CMers, SCers, DXers, feel free to write any time.
WASK TFST hopefully will swing (I'm sure many cluld use this mundane GYer!) SR WASK-TEST hopefully will swing (I'm sure many cluld use this mundane GYer!) $S R$ has been great as we're on CDT year-round. SSS has cmared a few new ones to, plus SM \& MMs. I hope to see many of the gang in Toledo for the Convention -anyone who'd like to stop-by on the way fust arop me a card - glad to have ya! We can gab EX, have a small DXGN ( 39 -ERC) of area DXers, DX, etc.) I'd love to hear from you a 11 in the $B C$ industry as I'm currently seeking air-work down those ines - CJ , NX , production, programing, advertising, copy.s etc. Everyone Muse often and report those DX catches! IX tips are a valuable means of logging that rare one that's eluded you. $73 \mathrm{~s} \&$ good DX to all:

REMEMBER OUT DEADITNE IS THURSDAY. SEND IN A DOUBLE-SPECED MUSING TODAY! YOU!

IINDA BRODSKY - 245-16 149th Avenue - Rosedale, New York - 11422
Hi acain! I haven't been at the aials too much recently \& when I do have a chance to do some listening the CX seem awful - like mid-Summer static I do have a chance to do some listening the the complains and on to what little DX \& noise that is unbelievable. So much for the complains and on to what little DX
I've heard. $2 / 21$ brought a weak WBEN N.Y. on 930 k . $2 / 13-$ WILS -1320 Mich . also I've heard. $2 / 21$ brought a weak WBEN N.Y. on 930k. 2/13- WILS-1320 Mich. also
poor @ 7 pm . WZAP Va. @ $7: 14$ on $2 / 11 \mathrm{u} / \mathrm{WAPE}$ Fla. both on 690 . WAPE came booming poor @ 7pu. WZAP Va. © 7:14 on 2/11 U/WAPE Fla. both on 690 . WAPE came booming
om also on $2 / 12$ around the same time. Their slogan (or one of them) is The Big om also on $2 / 12$ around the same time. Their slogn (or one of them) is The Big
ape." I took a log on them but never sent report out since I try to concentrate Ape." I took a $\log$ on them but never sent report out since I try to concentrat
on unusual stations, that is, those with very low power or in states I usually on unusual stations, that is, those with very low power or in states I usually
don't hear. $2 / 4$ brought CHNS -960 N .S. © $7: 50 \mathrm{pm} \mathrm{w} / \mathrm{fa}$ ir signal. WCPC- 940 Miss . @ $7: 45 \mathrm{w} / \mathrm{very}$ weak \& brief ID \& WGTO -540 Fla . © $7: 15 \mathrm{w} / \mathrm{an}$ excellent signal here. (If you think I'm goir:g backwards in time you're right since I was copying this from my log with the most recent ones up front). QSLs in are CBA N. B. for $2 / 18$ logging, KFI for $12 / 31$ reception, CHNS N.S. for $2 / 4$ and two from WVOK Ala. for $1 / 23$ reception. Cne of the WVOK/v/qs came in an ervelope, the other just the card - someone goofed! Oh yes, .11 were $v / q$ and the canadians respond faster \& more reliably - have you had the same experience?

BILL ALISAUSKAS Jr. - 6 Lawrence Avenue - Hopetcong, New Jersey $=07843$
Hi gang! It's been quite a while since I've contributed to this great solum, so here we go, trying to make up for lost time, hi! I $12 / 7-\mathrm{WHEE}-13703: 45 \mathrm{pm}$. 12/13-A nice one in WCBX-1130 u/WNEN 4:46pm, also WCTX $12 / 7=$ Whe -1370 . 45 pm . $12 / 13$ A Ane -101 pm , WBKC-1560 5 pm , \& $5: 58$, WRIN-1560 \& on w/snow emergency. 12/20-WRXO-
 1430 5pm s/off. $12 / 21$. Nice catches - WAGL-1560 $4: 34 \mathrm{pm}$, WBTX-1470 5pm, $5: 30$, WAMY-1580, a lso WEYY-1580 at same time. 12/25-WNST-1600 4:32pm. 12/27-WEIS-
 through bad static crashes from a storm somewhere. To New Year - 1/6-WLAS-910 6:15pm s/off, and after time change, nothing till 1/23-WAAY-1550 6:52pm ID。 2/9 WNLC-1510 7:58am w/commercial NX items juzt before WRAN's 8am power increase. 2/14-WYNA-1550 7pm s/orf, \& 7: 27, WHOO-990 w/c/w. 2/17- WGNT-930 6:26pm. 1/18- I stayed up a while this AM: 12:02- WJW-850, a suprise in WGIR-610 © 12:06, WWOD-1390 1:02 s/Off, WSSV-1240 ID 1:10, WHSC-1450 testing w/ID @ 1:23, WROV-1240 1:28, \& WEWO testing W/ID @ 1:47, good AM. 2/22- I firelly grabbed a not-too-far elusive, WTUX-1290 ID 5pm. 2/25-WPBX-1530 6:56pm, WDJS-1430 6:58 s/off, WITN1520 a lone 7 pm ID , \& WLCY-1380 7:20 u/WAWZ. Fina1ly, 2/27-WCSTm10106:45pm s/ ofi', WGAT-1050 7:05pm ID, WAPI-1070 7:25pm, WQTY/WVOV-1000 7:30 s/off, WQTY above, \& finally KWAM-990 7:35-7:45 s/off. Total now 799. 73s.

STEVE KENNEDY - 175 Honore Avenue - Sarasota, Florida - 33580
Greetings from Sarasota's only MN DXer. CX have been spotty lately, however the CX the past Ms have yielded R. Anguila-1505 on $2 / 18$, and WYLO-540 on $2 / 25$. For those who have the space, I would strongly recommend erecting a beverage antenma for deep $D X$ like R. Anguilla. I noted the beverage yielded an extra $6-8 \mathrm{dbs}$ o/the $5 M-1$, \& that made the difference of hearing them or not. Other DX included WWGM-1560 on $2 / 12$ © $7: 30 \mathrm{pm} \mathrm{s} / \mathrm{off}-\mathrm{SSB}$, WPUP-1190 on $2 / 28$. Here is another tip for beginners, get your hands on a tape recorder and tape your DX as you go along. It will surprise you as to how often you will check the tape for that elusive ID or use it to make quotes in your DX reports. I purchased a Sony TC-105A mono recorder \& it fills the bill nicely. The Beverage antenna was put up last July \& it really hasn't had much use, but it's made up of $950^{\prime \prime}$ of telephone wire strung along a fence line behind my shack. I have started to use the converter with the $R-4 b$ again for $D X \&$ have been experimenting with different cir cuits as I hope to have a dec ent up-verter or a converter that will convert .51. 5mc band up to a ham band or other frequency than can be tuned on the average general coverage RX. Two years ago, I was looking for a decent RX that hadaccurate tuning, I believe the $S P R-4$ is a fine $R X$, but for really critical DXing of WW ( \& SWLing as well) I feel it does not have enough variables to really dig out DX, e.g.: Hassband tuning, l-notch Filter, selectivity control, etc. Therefore I went out \& got an $\mathrm{R}-\mathrm{bb}$, \& decided to design a front-end converter for it. far the design has been fair, but it could be improved. The desien is external to the FX so I may still use it on SW. I may urite an article on this later, as I feel the better RXs today are the HF or SW types. be coming out w/a new RX especially for MW \& SW DX. I'm beginning to think the $D X$ hobby as we know it is becoming limited as I've seen two distributors of $D X$ gear go under in the past two months in this area. So hang onto your RX : 73 s \& DX .

TIM KERFOCT - 34 Cross Street - weston, ontario - M9N 2B9
DX since last Musing: 2/16-WPAM-1450, 6:30-6:458m. WHLT-1100, 9-9:25am in WWWE fades. $2 / 18$ Good MM. WHSC-1450 r/c 1:17-1:28am, strong. CHRD-1480, 1:31-2:02am s/off. WPDX-750 2:28-2:55am on NRC TEST, completes Clarksburg. CBJ-690, $3: 57^{-4}: 10 a m$, strong but stili difficult to copy u/CMBC. WTIX -690 , ID for test © $4: 100 \mathrm{~m}$. $2 / 23-$ WFNC $-940,8: 30-8: 50 \mathrm{am}$ on top, no sign of CEM. WRRN-1170, 8:48-9:14am o/ WWVA. A1so I heard WRDI \& WCRN-1580 for the first time on RS that morning. M 2/25-WFAA-570, 2:28-3:16am along but with choppy and rather weak sigmi. WNAX also heard testing w/IDs e 2:30 \& 3:10. WYLN-540, 3:30-4:12am, poor on IRCA TEST, heavy static, * wGR-550 splatter. Also I had delusions of grandeur and even looked for the WKZO-590 TEST, thinking that local CKEY might actually be off the air for a while - needless to say, they were not, hi. Conflimations: CBNM-740 (province \#10) HJCN-1100, a card from CBC Montreal confirming ry LPRI on 1140 as CBFA Chapais, WAMB-1190, CIRP-1060, WHEB-750 TTMA R-1375 CHRD-1480, WIII-730 (w/letter, CM, bumper sticker, litter bag \& pen!) \& WHIT-1100. 73. (Is WFAA-570 c1 max AN Tim? -ERC)

BRIAN G. PIIMAN - 11 Regent Street - Kingston, Ontario
N t much SSS DX has been done since mid-Feb. as CX have not been favourable. Also I've been too busy w/school. Veries have been coming in slowly, so far a $56 \%$ return. Since last report, $\mathrm{v} / 1 \mathrm{~s}$ from WSVS -800 WVON- 1000 WOCB-1240 WFLO- 870 WSUF-1580 \& WNDB-1150. V/g from WACE-730 CFAC-960 KONO-1000 WGBS -710 \& WMCX 944 , fyrst test of the season, \& on my birthday, too , on to DX $2 / 4-\mathrm{WBRN}-1460 \mathrm{r} / \mathrm{c}, \mathrm{KYOX}-1330 \mathrm{r} / \mathrm{c}, \mathrm{KDIM}-1340 \mathrm{r} / \mathrm{c}, \mathrm{KGHL}-790 \mathrm{r} / \mathrm{c}$, 21500 WLAV-1340, WJBC-1230, \& WINW-1520 logzed. 2/11- only two new catches: WCSC-1390, \& WANY1390. $2 / 18-$ WIAD-1450 © 12:10am, WBBQ-1340 r/c, WJEJ-1240 © 12:40, WBPV-1230 © $12: 48 \mathrm{am}, \mathrm{HCON}-145 \mathrm{r} / \mathrm{c}$, WPDX-750 TEST © $1: 39$. $2 / 19-\mathrm{I}$ heara KOLY- $1300 \mathrm{r} / \mathrm{c}$. 2/24-WOXF-1340 in @ 1:10, HIBE s/off © 2am. XERCN-1110 strong @ 1:45am. 2/25-WKBK-1220 THST heard w/ID © 12:45, KOFO TEST heard © 2, KYTOW 540 TEST in © $3: 30 \mathrm{w} /$ str ng sigme 1. KROX- $1260 \mathrm{r} / \mathrm{c}$ hemfd, $2.150 \mathrm{KAMA}-1060 \mathrm{r} / \mathrm{c}$ \& WLDY-1340 $\mathrm{r} / \mathrm{c}$. Who was the K -vali ID © $3: 15 \& 3: 16$ on 810 ? Sounded like $\mathrm{K}-\mathrm{R}$, but I could be wrong. Totals now 902,46 states and ten provinces \& 25 countries. I started the season w/765 stations \& $45 / 10$ so I guess it hasn't been too bad a season despite generaliv poorer CX than last year. I hope to get to the Toledo Convention this year.
See you there. $73 \&$ good DX.
HANK HOLBROOK - 7211 Chestnut Street - Chevy Chase, Maryland - 20015
3/2. It's been a year since my last report and while we have been doing quite a bit of DXing very little of it has been on BCB. Since my latt Musing the following have been logged \& reported: $3 / 17 / 73-$ WHMC-1150 Md., a 10cal that still has never verified! on $5 / 24$ I reported the new WCIN-950 at Potomac, Md. \& received a fine v/1. Tjen on $9 / 19$ I uss home with a cold \& happened to stumble upon R. Free America -1.160 pn the first (and only day I believe) of PS /a weak to fair sigmal from 2:25 to $3: 30 \mathrm{pm}$. I had a lot of splash from WHMC. RFA was better in the evening here. I got a nice letter back which at this point I consider a collector's item! on $10 / 2$ KKJO-1550 Mo. fairly good from $2: 39$ to 3:0am. All above from Ch3vy Chase. Due to the gasoline \& heating oil shortage our cottage at Fair Faven, Md. (overlooking the Ferring and Chesapeake Bays) has been closed just about all Fall \& Winter, I did get down one weekend in Feb. \& was really surprised (I was looking for some music while styping letters to $\mathbb{F N}$ stations, hi!) to come across CITR-1140 Trois Rivieres, que. O/WRVA most of the period from 6 02-6:0spm when they dropped out. Last year I had the old H2-129x at Fair Haven when it collapsed \& so had no BCB RX there. We use an SP-600 here in Chevy chase. However on $2 / 16$ when I logged CJTR I had taken along an old Zenith Trans-Oceanic portable winich a neighbor had just recently GIVEN me. Seems he was cleaning out his attic \& came across it. Dates back to the mid or early 50s (no FM band, so you know it's old) and by golly it still works! I got a nic card back from CJTR $\&$ now my all-band verie total is at 8,535 stations, of which 2,368 are on BCB. (Who's your $\mathrm{v} / \mathrm{s}$ for CTTR, Hank, please? -ERC) The North Jersey Publishing Comittee along with Emie \& $A$ lan and the other editors continue to keep the NRC at the VERY TOP of the BCB ranks. I should know - I've been a member since 1947. (Thanks for the kind words, Hank! Muse more often?3-ERC) (Jank asks if I know of the whereabouts of long-time member Sid Rosenbaum, of Wheeling. I do not; does anyone else? Nail's returned "Moved - left no address".) PLEASE MUSE REGULARLY, GANG, AND PLEASE USE A.M. \& P.M., AND E.D.T. cK?

BRUCE RENNOLDS - Route 2-Warrensburg, Missouri - 64093
Time to Muse agnin before the postage rates go up! Hi. DX has been good in Feb. , the best of the season, in fact. CX were super on the AM of $2 / 23$. DIving home from a BKB game both KFI \& KNX were in well on the car RXX Too bad it wasn't an MM! TAs were noted on $1586 \& 1554$, so I jumped down to 121 to chase long-sought BRC. I got 'em, but not quite well encugh for a report. Light pop mx from 2:25-2:30am, then three minutes of NV \& back into mx. Just a few words copiabie, though. MM $2 / 25$ brought me wy first new state since 1968 , \#47. WKEK-1220-TEST mede it w/a few CW IDs, pius some TT, but no other audio at a11 wes heard. Tough through WGAR's OC \& XEB/Cuban QRM. WEPR just barely squeaked through the mess also. Unn KOFO was noted during the sked time. Moving to other frequencies, WONL-1240-rr was dominant, so mucb so it seemed like they forgot to reduce power. Also on 1240 someone was conducting a for \& IDed just as I tumed in @ 1:13am but I didn't catch it. No further IDs heard, just ITM. SEVIP-1560 noted 1:59-2:07am s/off. Do they verify? Someone have a v/s? (I have two Bruce, but not from my verie which I've never gotten in three tries: Fred Clark, Op M, or Jay Oliver -ERC) WCCR-1580 noted on r/c-TT @ 3:10-3:14em. WYLO-540-TEST a cinch; beautiful signal $2: 34 \mathrm{am} \mathrm{w} / \mathrm{c} / \mathrm{w}$. WCEO-1600 ran mini-ETT 3:03-3:06am w/iow-pitched TT. I caught the latter while chasing a station carrying the U. of Detroit educational programs. It turned out to be pest kiAk! I bet they have a great audience for those public service programs at that hour! Hi. $c$ SSS 2/26 brought KTXO-1500 to 8:15pm s/off-SSB for a report, \& KETA-1540 ( $\# 1,600$ logged) in SS $8: 15-8: 30 \mathrm{pm} \mathrm{s} / \mathrm{off}$, killing KXEL. Veries: v/fe KATZ ( $\# 850$ ) \& v/1- KPOL and WPMF. 73.

NEIL G. ZANK - 24.45 "E" Street - Apt. 6-Lincoin, Nebraska - 68510 Here is ny latest news in a Muse. While being slowed down $\mathrm{w} / \mathrm{a}$ broken ankle I foum a few new catches for wy log. $2 / 12-$ WSDR-1240 IDing as "The 24 Hour Voice of the Valley" © 1:30am; WILS-1320 w/UFI World NX © 1; and WJKS-1330 w/IS. 2/13- CXCK-620, w/NHL scores © 1:40am. 2/14-WROK-1440, IDing © $1, \&$ \& 1:05 came WHHY selling record for charity, \& © 1:15am WQOK butted in w/ID. 2/15- At 2-2:15em, WNSL w/ET, TT \& IDs on 1260; \& WMAK-1300 w/ID © 1:30am. 2/16- wDNN-1240 w/ANX \& c/w e 2:35am; WJBC-1230 w/10cal NX e 3; CKOC1150 from 3:10-3:30 w/rr for report, \& KGEX-1260 w/ID @ 5:30am. $2 / 16$ brought KTWO mix w/WRZ on 1030 from 12:55-1:10am w/NBC NX; CKSB-1050 w/WX weat figit w/ XES (0) 1:30am. $2 / 17$ came with KPAC-1250 ET w/IDs \& mx, knocking headphone off from 2:10-2:18am; WTAE-1250@2:45 w/ID as "The BIg T". 2/18-WPDX TFST in/out, heard © 1:40-1:50 and again @ $2 \mathrm{w} / \mathrm{c} / \mathrm{w}$ \& IDs on 750; HJDK playing havoc $\mathrm{w} / \mathrm{WPDX}$. CKWX-1130 © 2:35am w/mx 'Hawaii calls', CTRC-1150 in FF e 3, \& WKBw- $1520 \mathrm{w} / \mathrm{KOM}$ off w/"KB Radio WX" \& NX 3:22-3:30am. 2/19- WNFI $1440 \mathrm{w} / \mathrm{EZ}$ listening me \& YL from 12:40-1:35am. 2/21- WFII-1570, $\mathrm{w} / \mathrm{ET} / \mathrm{TT}$ \& IDa o/XERF from 1:05-1:20am; WBAY -1360 W/CBS NX © 2. 2/23- KNOR-1400 w/WX @ 2; WTNK-1390 w/ "One of the Fabulous Tests ", Soul mx \& WTLD promo. 2/24- WFBC-1330 w/c/w \& ads from 2:30-2:50am mixing w/KwwL. WTMK time was 2:10-2:30am.
KARL FORTH - 630 South Ardmore - Vills Hark, Illinois - 60181
I have really "been out" of the DXing Scene since the first week of January, but I hope to get back into it soon. I thought CXwere poor but various receptions through January \& Rebruary have proved me wrong. KFAY was on per sked, but the two $r$ /cs I "arranged" didn't show. In the future I'll send $\mathrm{r} / \mathrm{c}$ info and dates to the CDXR and $r / c$ editors rather than post it as a Special. Last year I was 0 for 1 on r/cs arranged, but I was 2 for 3 on regular CPC TESTs. The NNRC TESTs that have been arranged are next to worthless. Although their efforts are for the good of DXing, someone should teach them how to arrange a DX TEST. I've called an NNRC "TESTHng" station \& asked for TT, which they refused. They told another area DXer they were on their night pattern and had no intentions of switching to their non-directiona 1 antenna. Check out Page 2 of \#14. Veries: v/q-XEOY-1000 WKIX-570 WCLE-1570 KVI-570 WHEX-1580 CJTR-1140 CJRC-1150 WFEB-750-YJAG-925 WDR- 1586 WDGY -1130 WJDX -620 . v/1-KOKO-1450-TEST (thanks,
 CKX-1150 WJMT-730 CKSEB-1050 WINN-1240 CJBR-900 WAWK-1140 WFTW-1390. V/f-WD2N 1580 KPCR -1530-TEST WHCU-870 GJRN-710 CFUN-1410 WSIV-1140 WSUF-1580 KOTA- 1330 in the Spring. in the Spring. (And in the River?? -ERC)

AIAN MirRiman - Box 6 - Fairfax, virginin - 22030
Time for a Musing, I guess, even though IX has been anything but spectacular. I can't really seem to get in the groove this season, and $Q$ have been generally poor even when I have listened. On well, there's always next
year, hi. Veries have come in from HIIR- 860 YNP- 1115 Agadr-1196 YVOZ-1200 HRG -1162 Vationn-1529 R. Paradise-1265 CJTR CFML WWBR WIXZ WKYK WNCA WARR WZIX WFDC WFIC WMIX WPDX WDNC WRBX WPGD WNCT YPCR WILA WQTY WOKI \& WTIN. Here's DX: 11/27-WIFM-1540 3 $\frac{1}{2}$ minutes Iate $\mathrm{w} / \mathrm{s} / \mathrm{off}$ e $5: 18: 30 \mathrm{but}$ I still can't extract a

 s/off 5:15. WOKI-1550@ $5: 45 \mathrm{~s} / \mathrm{off}$, which is at least 15 minutes late for them: $12 / 17-\mathrm{KPCR}-1530$ in fairly well on TRST @ 3:06. $12 / 25-\mathrm{WINC}-620$ (e) $4: 30$. 12/31-CTTR-1140 @ lam for my third try for a verie (this time successfui). I suspect this atation fails to go on night pattern at times as they really tear up WNVA.
 this one as 1 missed TEST. $2 / 18-$ WCTW-1140 w/ET/TT/OC © 12:20. WTIV-1230 grod $\mathrm{w} / \mathrm{HOP}$ © 1:32. WENO-1080 w/ET/mx e 1:46 saying reports would be welcome (but they haven't verified yet, hil. 2/25-Much-wanted Whio $540-T E S T$ @ $4: 37$, poor and much WDAK QRM. Leeves only KVIP on 540 for me to complete dthe frequency. That's ab ut it from here. FPC, I'll be looking for a report from you for IDKD. 73. (I'll FAVE to get on the stick now, Alan - thanks for your Musing! -EnC)

DOR ECGEPI - 2001 Rock Creek Drive - Bowling Green, Kentucky - 42101 3/4. Greetings from the Rluegrass state. I've now had a chance to do a little DXing bere, but unfortunately living in an apartment, I'm bothered by the usual TVI \& buzzing that goes with DXing in an apartment. Cenera1ly, Bowling Green seems to be a good place to DX from. Two of my locals, WKCT-930 \& WLBJ-1410 don't really bother me though they are fulltimers. Here's what I've heard of late. $2 / 26$ - Slight Auroral tonight w/KLCL- 1470 e9:58pm EaT, wVOJ-1330 @ 10:02 \& WMAZ-940 @ 10:05pm. 2/28- First TA heard in ice-1554 @ 12:07am w/ pretty fair sigmal. WSPA-950 12:10 s/off-SSB, wGBF-1280 s/off-SSB @ 1:05 saydng s/on @ 7 EIT, WRBN-1600 © 1:45am ID using ©, \& KCW-1600 s/off © 8:15pm w/no SSB. TJis AM WEED-1390 r/c heafd one hour earlier than listed in latest whi $f / c$ list w/TT \& ID every minute from 12:15-12:30. Speaking of FIIT, kentucky did not change clocks iniformly with the rest of U.S. In other words Kentucky used to be roughily split in half, but now only 12 or 13 extreme masterb counties are on EIT, those being Martin, Lawrence, Boyd, Greenup, Carter, Lewis, Mason, Bracken, Campbell, Kent $n$, Boone \& Callatin, and possibly Pendleton. Hike Co. is considering a change to ELT to be in. step with w.va. \& Va. Louisville \& Lexington are on CLI for the first time in years. $\mathrm{C} U$ later. 73.

STAN MORSS - R. R. 3 - Bradford, Massachusetts - 01830
2/25- WKBK easy w/code IDs \& mx equa 1 to CJSS till CJSS s/offe 1:05 then o/CKSM off $2: 10$, then $\mathrm{c} / \mathrm{w}$ \& SS plus a TT $巴 2: 15$, no audible IDs. WDAE-1250 strong 2:05, NSY now? KGMO-1550 musical IDs e 2:50am QRM by WAAY. wYLO-540 Jackson, Wis. fairly good e 3:30 start, but faded badly \& out by 3:40 leaving two SS \& an odd ascending \& descending TT. WUNR-1600 test @ 4:08am. SS on 925 © 4:36, U.S. pop \& standards. Spring has sprung early and I'm digging plants in February a 1 ready - along with the gasline shortage, there is a shortage of raspberry plants, so heing a good Arab I'm filling the demand.
HARRY J. HAYES - 1418 West Mount Roys 1 Avenue - Apt. 2 - Baltimore, Maryland - 21217
I'm sitting here eating supper, chicken soup, and writing this at the same time, believe it or not. I'm still using a small Somy portable for DX and some of the things I've been hearing this past week are not chicken pickins. 2/26-WLFE-1480, Va. o/usual WIAS/WHCM mess e 6:39pm. 7:01, WARR-1520 N.C. 10calmike w/no signs of WKBF. All in ali, CX today favored the $S$ W/WRDI, WRVA and WVAB in well. $3 / 1-6: 32 \mathrm{pm}$, UnID $\mathrm{u} / \mathrm{WrOP}$ causing severe distortion $7: 01 \mathrm{pm}$. WPMs1540 Pa . in fair $\mathrm{w} /$ ID on tape. $7: 12$, WRCM-1540 Va . in exceliently $\mathrm{w} / \mathrm{w} / \mathrm{off}$ on tape, 7:15. UnID N.Y. state on $1460 \mathrm{w} / \mathrm{N} . \mathrm{Y}$. drug law spot. Call sounded like WAXC. 7:29, WNCA-1570 N.C. W/8/off on tape. 7:35, WYDE-850 Ai in well w/c/w. I have noted them in every nipht since. $7: 45$, tentative WAAY-1550 Ai ID as "Way 3/2- WJDM 1530 Elizabeth N.J. in very well, taped s/off. (Harry, I believe their s/off is Iive -FRC) WQXR- 1560 noted about $7: 30 \mathrm{pm} w / \mathrm{folk} \mathrm{mx}$, inciuding Elt on John. I take it that this is one of their weerky features. (And weakiy, too-ERC)

ROGER GIANNINI - 1111 Forest Hills Drive - Belleville, Illinols - 62221
In December I sent a list of stations heard on my trip to Hawai to IDXD but it must have been lost in the mail since then but here is a late report on what was heard. Practically all the W.C. 50 kw powerhouses such as KDAY1580, KFPK-1530, KCA-1510, KEX-1190, KRAK-1140, KPNW-1120, KFAX-1100, KNX-1070, CFCN-1060, KOMO-1000, KGO-810, KCRL-780, KON-770, KMPC-710, KNBR-680, KFI-640. Other U.S. area goodies were CKBI-900 w/ending of Vancouver hockey and KEN weak @ $3: 4511 / 16 \mathrm{AM}, 1: 13 \mathrm{am}$. A11 of the 50 kws were heard between 12 k 4 em . WCAI
 atm. ol 1550, KKHI dpminates $4 Q D 5$ 10am w/ending of $A B C$ NX into commentary by Prof of Sydney U. on getting political jobs $\mathrm{w} / \mathrm{help}$ of own relatives. It would really be interesting what kind of $D X$ one might hear if not in or near Honolulu because the spurs and images are quite bad here, even in Aiea and Hickam. Interesting daytime $D X$ of $3 / 3 \mathrm{PM}=1: 39$, WRFD-880 fair. $1: 42$, WWIm 870 good , WCCO $830 \mathrm{~W} / \mathrm{KBOA}$ 1ooped 1:43. WSB-750 noted $u / K X O K$ spur. WLAC-1510 audible u/WINU © 2:05. KCTA-1530 fair 2:10. You wouldn't believe the warm spell we had 3/2, at $7403 / 3$ at 85 : And $3 / 4$ @ 78. I sure do hope Summer is early as the Streaking craze has finally hit the $5 t$. Louis area.

ERNEST R. COOPER - 438 Fast 21 St. - Carrier Route 56 - Brook1yn, N. Y. - 11236 One verie in, a v/f from much-wanted wNN-990. 3/1 SSS-WET really wrecks that 1110 spot for twilight - © $6: 25 \mathrm{pm}$, they a lecady were in control with all the daytimers still on. SM 3/3-Sundays aren't a.11 THAT bad for DXing, as I noted MM ANs WFBR-1300, WBT-1110, WWDJ-970, WHAM-1180 all silent. on 970 , CKCH had a fantastic topping signal in FF. Then I noted a TTer on 990 and held on for 19 minutes and at 1:50 they gave out with the welcome ID as WNRV, NarrowsPearisburg, Va.: They were atop WIBG/CBN here. Another THer on 14ho, but this one went unID, noted 1:58am to 2:06 \& on. MM 3/4-WWDJ-970 again off, maybe they have heard about the energy shortage. Somebody asked a whle lack who the tele-talker on 1070 is AN MMs. I have the answer - it's WINA, Charlottesville, Va., on top today @ 1:30. Another teletalker on 1450 with number given as 2966177, but he didn't give the area code. There was an AN SS u/WTIC- 1080 today. CKCH-970 again ruled that roost, and CKWS-960 wes AN w/Mor. A Trer on/off on 1590 (e) $2: 50$ \& on, no IDs caucht. WBCW-1530 is on RS, they were heerd in the hash © 7:20pm o/u WRBX/WCKY. They no verify for me from ET! 3/6-Pennsylvanians were strong today, and I took that opportunity to $10 g$ WZIX-1350, atop every body, including the daytimers still on, e 6:16-6:29pm; lots of 1ocal ads. ESS Unn Wran-1150 like a 10cal and unsalifed @ 6:57pm, on $3 / 7$. A phone ca 11 from NRCer Angel Carcia and he advises that Colombia will have mational elections on NRCer Angel Carcia and he advises that Colombia will have artional elections on
Sunday, April 2l, so the dial should be filled with Cplombians on MM $4 / 22$ : So, Sunday, April 2l, so the dial should be fllled with Cplombians on MM 4/22: So, Harley deLeurere, Dan Phillips, and Father Jack Pejza = pray for an Aurora then!
CX seem very good these days - rab that $D X$ now before the Sumer anamoly! CUN7.

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# EONSLLTING RADIO ENGINEERE 


phane taeat 3ay-ssen


Harch Jerazy Pabllshing Consittee
of the Natlonal Radio Club
P. D. -

Boonton NJJ 07005
Ret Your letter on avalishle ox publications
hood marning
Thank you for sending us the sample Broadcast Station Log and Night Pattern Book. We think these are e cellent for the 1 iste ers and other interested persons.

Actually, ive subscribe to a service which provides us updated patterns monthly and have had this service for many years. Consequently we do not have a need for your pub-
lications. However, we do think your prices very reasonable and expect they will prove to have wide interest.


VMa/dm

9 Decenber, 1971

## R. J. Edmieda <br> Boz 946 <br> Whas, II. J. 07470

## Hinfi St

## Dear Mr. Rdaentla,

Thast you for your almal report and tape... I approelate mach information. I wai coodnoting a quartarly frequency tent with a Cirw from Lang Beash, Calif. at time of test. In to the exnet date of our next tast it depends an KND in Los Angoles. Thny foed 9 grw gn 960 2thra and we have a hand time


 the aawe time and the next teat should be in

E5ve is loested at 5000 feet in a valley uith monntatns aver 10,000 feet an the east and wert sides. Oroand oonduetion in wery good in the a area At oer stgas oovering most of aouth-eantral Utah.

KSYC mess a Collins 21211 oonsole foeding a CBS Andimax, CBS Folnasx, Kahn SPGb-14 Symentra-Peak, and a Gates Sta-Lavel Liditer. Our tranaditer is a Gates BC-S Sirr feeding a $280^{\circ}$ vertical antenna. ISTC used to be diroctional and the seoond tover $1 / 2$ ware from first is otil1 gtanding. Eren thoogh it is not fed it otill acti as a rofiector... this is the roason for our otrong north-soeth signal.

## Best. Whas for a Morry Chrlateail and maty seasons of great ming.

Bent Mahes,

