"Everything I have received so far has been great and a big help to me. Since joining 666 I have purchased an HQ-160 and ordered an SM-2. My family claims they have not seen nor heard from me since!" (Dave McCourt, PA)

ON THE INSIDE...........
- Verdie Signers - Ernie Cooper
- Foreign Supremacy Ratings - Norm Maguire
- An Inexpensive and Easy-To-Build Loop - John Tull
- About those "emergency" PSA's - Jerry Starr
- Domestic Log Updater - Ron Masco
- WN/WB Questionnaire

NEW MEMBERS
* Alex Alexander, 2121 E. Starr, Nacogdoches, TX 75961
* Eric Rittenhouse, 77 Linaria Way, Menlo Park, CA 94025
* Leonard J. Wood, 26130 Peacock Ridge, Rancho Palos Verdes, CA 90274 (re-joins)

RENEWALS

FLASH TIPS & SUCHLIKE
WLXN-1360 hrd by just about everybody 3/3 w/ T, code IDs, bluegrass, etc.
WPEN is back, as noted last week, with an "oldies" format to give WCAU's same some competition. 6-10pm DJ is NBC's own Geoff Fox. Late card from Skip Dabelstein set that KZUL TEST 3/3 did not air due to technical problems. Has been re-sked for 3/21/75 0300-0330 EDT.

NOTES &c FROM NJPC
The NBS/WWV survey questionnaire inside is done here in such a way as to allow members to detach it and complete it and send it to them without harming your DX NEWS. We even numbered around it. For the record, this issue will be a 40-pager even tho' by numbers it'll be numbered to 36, hi. We urge members to use this opportunity to preserve the propagation forecasts and geomagnetic data broadcast over WWV even in this time of economic crunch. After all, how much more could the broadcasting of that small bit of info cost, hi? Most of the members here in the East who use this service use 5, 10, or 15 kHz., so that we wouldn't miss 2.5 or 25 kHz. if they were cut, but.....

Next week is our last weekly issue, dated 21 March. Next issue is dated 7 April, then 21 April, Submit accordingly, hi.
Please remember that we are now on daylight savings time. Those who have subscribed to this digest should re-check with the stations and, if necessary, correct the time listed here.

Details:


**WBG** - In regular schedule. Special ID's (format unknown) will begin at 0200. V/s: Tom McLain, PD; D/G. 28091. Arr. Tom Blossom.


A few issues ago, we mentioned the value of a subscription to "Ham Trader" (c/o A. L. Brand, Box 31, Syacuse, IL, 60178). In the latest issue, one could have found the following: HZ-180; SP-100-120; H-300; 2) SP-100-200; H-200; Halli crafters S-71, S-110; WW-200; Collins S1-22; Halli SX-100, SX-101; Collins S1-32; R300; SP-40; DX-100; H-100; SP-200; Schon-Hoff Audio Filter; Dumont XVI; scopes; Collins S1-34; numerous other Drake rxes. If you're looking for a receiver or accessory equipment, and can't find it in Ham Trader, then this is the place to go. $1 buys 5 issues (25 months); $15 buys a year, and ad rates are reasonable.

International DX Digest

Editor: Alan Merriman
P.O. Box 3
Fairfax, Va. 22030

- Phone 703-354-2135 Before 2200 EDT * All Times Are GMT * Deadlines Are Friday *

Well, some of you finally woke up, and support is much better this week, though still not spectacular. Guess the DX season has pretty much come to an end. Here is what we have.

New stations, changes, skeds, etc. . . . . .

AFGHANISTAN - Kabul is now back on assigned 1280 kvs. (Ericsson)

AIASTRA - The American Forces Radio Station at Elmendorf Air Force Base has been shut down. This was done because the area (Anchorage) is now well covered by commercial stations. (Taylor)

AUSTRALIA - New station 2JJ in Sydney on 1250 kvs operates with 10 kw day and 1 kw nights. This is an ABC station and programs rock. Australian provincial stations can now increase power from 2 to 5 kw. Any station that decides to increase power, has to use a directional antenna. There are no plans now for allowing stations in Sydney and Melbourne to increase power. (Taylor)

BULGARIA - Slagyograd on 1322 kvs is currently using 50 kw and is broadcasting the "Christo Botev" program, not the Horizont. The 500 kw transmitter has not been confirmed as yet using this frequency. 1223 kvs used for the European Service is being heard with very strong signals in Sweden, blocking the frequency. It is now closing at 0300, * 1124 kvs now has a strong new transmitter testing during daylight hours. Power guessed by Bulgarian sources to be 250 kw. Location is Stara Zagora. *(The 10 kw transmitter at Varna has now moved to 112.2 kw. (Ericsson)

MALI - Bamako now heard nightly on 1460 kvs. to sign off at 2400. (Ericsson)

MONACO - Latest measured frequency by EBU is 699.996 kvs for the new station using 10 kw. Type of programming not known, but indicated by EBU as being Program 2. (Ericsson)

MONTENEGRO - Radio Antillas, per letter, beams right up the Antilles and the Mexican border 0600-0900 with Spanish. Should be possible in San Diego then. (Schacht)

NEW ZEALAND - Mg changes will come into force on A-1-75. The present commercial stations will change name to Radio 1. The National Program stations (TA's) will be Radio 3. The present TA net will be Radio 2. Radio 3 will extend hours and open at 1800 until 2300. Program content will be an alternative program and will include news and current affairs material. Extensive changes are also planned for both Radio 1 and Radio 2. (NZXWRX)

PUERTO RICO - The following info comes from Dave Gleason, who is now back in P.R.

630 - WQ9M San Juan, 24 hours using "La Gran Cadena" as ID, referring to partial simulcast with WQ9M & WWRP-910. Mostly SS rock, some RQ, some tropical.
810 - WQ9M San Juan. Sked 0900-0500. Has a newcast called "Radio Reporter" 1000-1200, then mixed popular (rock, salsa, tropical) music using "K-W" or "La Grande" as ID.
1140-WQ9M San Juan on reduced power (5 kw) due to antenna adjustments. Pattern is out, with more power to NW then usual. 0900-0900, 0600-0600.
1160-WQ9M Barcelona on the air as "Radio Borrinquen."
1190-WQ9M San Juan, Radio Rock is AN with SS announcing, about 80% of music SS rock.
Screaming TA's and K-QR-4 shotguns jingles.
1520-WQ9M San Juan is EE rock. Currently 1000-0600. Some ads in SS.
1550-WQ9M Bayamon-San Juan will be suspending all operations this month.

Dave also mentions that anyone having an outstanding report to WQ9M, should send another copy. They got the wastebasket treatment in the past.
SOUTH AFRICA — Some domestic services in English and Afrikaans have been temporarily reinstated, because some elderly listeners didn’t get FM receivers in time. The reactivated stations are in Capetown, Johannesburg and Port Elizabeth. (Gerry Wood, Radio ESA "IX Corner", 2/28, via Hauser) * The frequencies would be 557, 628, 656, 687, 704, 437 and 1787 if I figure it right. (Hauser) * It is rumored that when Zimbabwe gains independence in June that FM radio will cease to function. The SAA will then introduce "Happy Day Radio" in South Africa, on the medium waves only. (This South African source in NASWA Flashsheet, Feb-Mar, via Hauser)

AFRICA — Swazi Radio Music has been heard on 957 khz not 1367 khz. (Gerry Wood in Radio ESA "IX Corner", 2/19, via Hauser)

TURKEY — TAT is now using 240 kw on 200 kwh, where it is interfering with BBC and Leningrad. Heard very well here in Sweden around 2000. (Ericson)

UGANDA — An und station is being heard early evenings in Sweden on 1461 khz. (Ericson)

Some precise measurements from Ron Schatz. These frequencies were measured on March 1.

<table>
<thead>
<tr>
<th>Station</th>
<th>Frequency</th>
<th>Comments</th>
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<tbody>
<tr>
<td>CMQN -720.002</td>
<td>CMWD -845.999</td>
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<tr>
<td>CMKK -730.044</td>
<td>CMWH -879.825</td>
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<tr>
<td>CMUX -790.79</td>
<td>CMXJ -865.974</td>
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<tr>
<td>CMNK -809.99</td>
<td>CMXP -910.013</td>
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<td>CMJN -880.966</td>
<td>CMHN -960.003</td>
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<td>CNM -810.000</td>
<td>CMM -1010.310</td>
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<tr>
<td>CMGA -820.08</td>
<td>CMG -1019.889</td>
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<tr>
<td>CMHN -830.08</td>
<td>CMOP -1040.040</td>
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The frequency of CMWN jumps 779.651 to 779.658. The frequency of CMBN jumps 1040.055 to 1040.063.

MEXICO — XEWA San Luis Potosi, SLF in like a local w/mxy spots for "Banco de Mexico." Were telling where in the world branches of the bank are located. News at 0400. First heard from 0355, on 2/28. May have been XNOK under-neath at 0405 very faintly. (Labbel)

XOKA CMW Havana heard on 3/3 at 0600 w/mxy IDX. Not much slope from local DOSX. (Labbel)

HAWAII KGBB Honolulu, 0605 3/3. Not too sure of this one heard w/CW, Just heard what I thought may be the call letters "KGBB." A very tentative report is not on this one. Not much slope from 1900-600. Was really a surprise to hear this. (Labbel)

GUAM KUHJ Guam, Radio Libertad good q/Julian and WIP slop w/SS mx and singning 2/14 0500-0541. Several R Libertad mentions, and full TD w/call, freq, power 0251. Woupecker noise after TDs. (Mount)

HAWAII KOLD Honolulu w/program on Hawaii at 0633 3/3, M & F announcers talking about Hawaii being a healthy place to live. PGA preceded by ID. (Labbel)

EL SALVADOR XECS San Salvador, Radio Nacional de El Salvador coming in 3/3-2 good. Measuring 55-9 most of the time. I am going to send a report. (Anderson)

GUAM KUWJ Guam, Radio Uno, many IDs after each record. Heard on 3/3 at O645. Played US pop mx also some rock. Very clear ID w/freq at 0709. Their ID sounds a bit funky; almost an outer-space type sound (i.e., the type of sound you'd expect on startrek). Their dominant freq w/no sign of any other stations. (Labbel)

COLOMBIA (Unk) Fair-good between 0700-0900 Galoas 2/26 w/lively SS mx 0352-0410. Then chimes 0430, can read annruminating R. Lisquena and Colombia then NA and GC. (Mount) Probably W National, Zambras. (Etk)

AUSTRALIA While I didn’t hear CMW, I would expect the anrhem to heard by Vernon, if not GSTQ, to be "Advance, Australia, Fair", recently adopted an new na (Hauser)

GUAM CMQN Colon probably the SS station heard w/CGN at 0720 on 3/3. Very faint ID heard at 0730. (Labbel)

MEXICO XEEX Mexico, DF, M & F annr on 0735 on 3/3, TD "Gong." (Unk)

JAMAICA (?): Does this one ID as "Radio One"? Carried BBC news before that TD on 3/30, then lost in jam. (Hoffman)

- NETHERLANDS ANTILLES JAB Noarite w/FP program and rel mx sung in FP. Male aker. Quite dominant on freq from 0743 on 2/3/m35 reading on scale of 10. (Eckman)

- PANAMA’s Radio Panama ID heard like they switched to Hawaiian mx complete w/steel guitar; only sounded that way. (Labbel)

COLONIA XFWJ Calli bombing in 0901 2/10 w/calls and "Radio Hora Satansena." Then man welcomed listeners to the show, they said they were happy to be with us after doorbell. (Mount) XFWJ is not one of the Satansena stars, sure this was different on 8015 (Eckman)

- PANAMA Radio Libertad IDs at 0508 on 3/1. Atop WWJ for about 15 minutes. (Unid)

- PERU XTER Lima, Radio Nacional del Perú IDs at 0902 on 3/2. Had fantastic signal over an hour. (Wilkinson)

- MEXICO XEBS 2/28 0249 on 2/19 between 0122-0217 in EE. Poor to fair, rock "Golden Hits of Yesterday" and BBC World Service mx from CQ 0000-0210. At 0212 had good 0214 "Don't Touch That Dial - 2nd J FM." (Zenk)

- URU ASIANS (2) at 1200 on 3/1, one IDed w/Kremlin bell; other w/mx ann and speaker code. Who’s speaking time? First time? (Wilkinson) (Hoffman)

- UND LA looped 170 degrees on 3/4 at 0330. All SS but no ID possible. Definitely not PP or Haiti. I have no one listed here and not heard since. (Wilkinson)

- XEWA can’t solve it for Dangerfield but can tack him up. Separable from ID on 945 but quite weak. Heard 3/4 on 0535. Will settle for Ururu. Den except that it makes it only 05 degrees and that’s right! (Wilkinson)

- UNID XERX (2) at 1119 on 3/2, One speaking CO. Other in Orientiel language not recognised here. At 1130 I heard a bend w/mx type mx and Kremlin bell in background. Two distinct stns but unable to determine who they are. Anyone else hear this and the 2 on 8887 (Wilkinson)

- PANAMA La Cathala. HO2X here loud and clear at 1119 on 2/5. Best heard at this location. (Wilkinson)

- UND EE w/pop mx show, ancr talking over discus. Followed by amst w/mx note ID but at fake time of course and could have been PP or SS - does lisboa have some program now? 90 degrees in a hit of degrees at a hit of I'm not sure where it is interfering with BBC and 129.978 kW. (Schatz)

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Mike ANDERSON - Louisville, Kentucky DX160, 2,110m spiril loop
Richard GROGAN - Philadelphia, Pennsylvania BS46/43, Sanserino loop
Pern ERIKSSON - Vaxjo, Sweden SP8X, FE7 loop
Dave GLAISON - San Juan, Puerto Rico KH0A/URR, SP8X, Sanserino loop
Glenn HAUSER - Eild, Oklahoma HQ-160, 3U2, 2 kW
Bob HOWMAN - Ocean City, New Jersey HQ-160, Sanserino loop
Albert S. LOBEL - El Cajon, California DX150A, Sanserino loop
Paul R. MOUNT - Teaneck, New Jersey Panasonic S-1551 and RQ LL6S
Ron SHATZ - Miami, Florida KQ8U/URR, LSC1
Peter V. TAILOR - San Francisco, California
Nank WILKINSON - Santa Rosa, California SP600, Sanserino loop
Mell ZANK - Lincoln, Nebraska HQ-160, SM
NZDXDA - New Zealand Radio DX Association

DX PROGRAMS - A number of DX programs on SM include some MW info; especially recommended is Radio Finland, which at least in the winter, includes tapes of NA and IA stations heard in Finland, and during Arctic DX-peditions. It's currently scheduled every Tuesday at 1415 GMT on 1515 kHz and several other times. (Hauzer)

Some comments on the SP8X from Bengt Ericson. "Referring to Bob Foxworth's Musing in number 17, I will inform that I bought a brand new SP8X from Miamisburg, manufactured in Sep 74. I have checked this through and changed selectivity to 1.2, 2.4 and 4.8 kHz plus fast AGC. I have found this receiver extremely good for European standard. Even 250 watt Canadians have been logged! Fitted with a FET loop. Bob's words about bad DX in not correct regarding this set. Very sensitive. Both African and Far Eastern stations have been logged using a 150 foot longwire. The controversy about the SP8X continues. I have had one for several years, and while I like it for SW, it definitely will not perform with the HQ-180A on MW. Not tried on LW here as line noise is too bad. Mine is modified for 2.4 kHz selectivity."

That's it. Hope to meet you at YAD in a couple of weeks. 73 - DX - REPORT!

--

Mike ANDERSON, 3271 Westwing Rd., Columbus, Ohio 43221, Hungary, 09/09/74 890

First we've got a bundle of changes & stuff:

950 WPEN PA Returned to RS 3/3 at 1245 w/ RR oldies format. Think sked is AN-6, Off MW. Was ET OC 3/3 till 1600 plus part of 3/3. Maybe if we were all right for the SP, they'd throw us in next year. (DS) Dave, I wouldn't be surprised that the Geoff Fox at WPEN in the same one we all know & love = HKB BARF - 35 (where are my letters?)

1090 CKWW ON Will go RS new freq. on 3/5 per anent. On CKCO TV, look for CPTJ to go to 1320 about that time. (JP)

1260 WNDE IN Noted s/off at 0500 on 3/3, said to return 0501! I Don't Quite Understand This? Indy is in EDT! Carrier off 0502 (JS) Not all of Indy is DAYTME, only about 75% of the counties = HKB

1380 CKLC ON W/s/off 0304 on 3/3; then 0 Canada - LOG CHANGE (JS)

1590 KSFR AR Was sked for Pop 2/28 at 0200, someone here 3/2 same time w/ Pop type TT, DF right, maybe one month late. (DS) Them or you? - HKB

I got a list of info from the World's Greatest NON DOMESTIC DXER - RON SHATZ. All these are in Florida = Natch!!

560 WQAM SP: MM - Slogan "Q-56 (Don't confuse w/ WBBQ," "56-Q", etc...)

1220 WCMQ IS SSER, & FTK w/ SS records - no ID's in early AM

1350 WKAT IS NSP w/ tele-talk stuff, ID includes "That Cat, w/ a K", etc...

1430 WQDI Once again a kick CAV ( Ain't they all? = HKB) had planned on 5 Kw unlimited while was WRS

1550 WRHC Religion till 2PM, then SS to LSS & s/off,

Got more of this stuff, but I'll save it till later in this section. = HKB

Now on to some FCC type info that normally would be Ron's. I listed here due to its importance:

1050 KTWO WY GRANTED POWER INCREASE TO 50Kw DAY & NIGHT.

1090 KTVX WY GRANTED "NEW" 5 Kw UNLIMITED OPERATION HERE, Has severe technical restrictions to protect KAAX nights. (But if it's half as restricted as KAAX it'll be an easy MONTANA - HKB)

1480 KBIX TX Granted increase to 1,000 watts nights,...

General sked changes & stuff noted by reporters, myself, etc.

580 WTAG MA off AN now (MM in/on 0439)

1260 KHKS KS 0700-0130

630 WLAP KY SP: MM 0105-0500

1270 KTFI ID Now on till 0230 (??)

920 KEXY WA SP: MM 0200-0758

1390 WVON IL is N.S.P.

1100 KREX CO 0800 (0900) 0209 (0105)

1500 WEWE MI MM SP 0100-0500

1180 KOPL MT Sched: 0800-0505

1520 KOKA IA Is now AN-7

950 WWJ MI is now N.S.P.

And finally Foxy sez that WEJL 630 did ID on it's ET, but low modulation! = HKB

r-c's

1st. MM WGEN 1240 w/ TT - KFXA 950 w/ TT & IDs e/ 2 min. (DS)(WCON also BW)

2nd. WRBN 1260 w/ TT (RJE & ELK6ki)

1st. TU WHGR 1290 per list, plus 0015-0030 on Aux, rig/wr, per call to station...Address is "Box A". (Silly) NOTE: Mich, is EDT = HKB

1st. TH WSLI 900->WTOC 1450->WSYL 1520 (TOC) WKTY 1370 w/ TT (TOC)

2nd. MM WING 1350 w/ TT (TOC)

3rd. TH WIN 1350 w/ TT (TOC)

4th. FR KELD 1400 w/ TT - WCRG 710 w/ TT (TOC)

4th. SA KDRS 1540 w/ TT (TOC)

1st. SU KFNS 1020 w/ TT (TOC)

Finally: WDDC 1430 on ET-RT, amndd, f/c on 3/3 0120-0135. This is the normal 3rd. MM f/c, maybe a makeup for a holiday (RJE)

Verie from Gregg Calkin, vacationing in England
1930 WJW OH now calls itself "WW-85" which sounds like "WW Something" in the mush. (JS)

1940 WJDL WI 3/3 strong concluding ET 0318 (DS)

KBOO OR AZ 3/3, KFZ, and "K-HOSS" Ids 0510-0520 (JF)

UT 2/28 ET/MX w/Hit Parade advertisement package, many Ids noted 0215-0250 off, called station, said they were testing new automation system, super signal way o/KIOA, UT 05 (JS)

PA 3/3 ETT w/ID after Grace music 0153, then off, first time because they were silent, were due back on 3/1, but didn’t wake it, signal poor, muddy audio (Foxy)

MI usually dominant behind WIBB until 1945 in March (Foxy)

NS 2/24 atop til 0207 off after nx, calls itself "Cheer Radio." Purple w/WBFF GM, Newfoundland items in nx (Foxy)

NB 2/28 nx w/local items 0300-0307 09/00 w/b both announced briefly again 3/1 at 0115. so longer sked weekends (Foxy) Gnarf?! (JS)

CWS KS on 0110 09/00, to return 0500 (DS)

CPAC AB 3/3 noted w/automated sounding Mr/May 0250-2521, ID and TC (DS)

CING NS 3/3 lead and clear, new here (dm) (Phadz)Is

WSBT IN 2/24 w/nx, w/sports, px and s/off, mentioned FM and STL. into SSBS 0325-0410 (JF) Guess what "px" means, kids (JS)

NS 3/6 no sign of newly listed PC altho good signals from that region this AN (JS)

WJWL NY 3/3 in and out of range. weak (JS)

WOV AL ET/ March 0115-0131 vocals and good signals w/CPL null (ds)

KGSW KS 3/2 TT noted 0202-0211 thru, also heard by Fela, we both think this is the KSBS PC (JS)

KDKA PA 3/3 strong and clear, new here (dm) (Phadz)Is

Unid ?? 3/5 TT 0218, bit of ID 0219, called unknown WT, w/didn’t testing or was this the KUPK PC? (RT) It was probably the WT? DX Test (JS)

WBN NY 3/3 off and ETTing 0218-0220 w/TX/TC and ID (RA)

CFPA BC 3/3 normal on local-like w/KNX off for a change (What were they changing-DS) Toned-down RR format, heavy spotting 0414-0435 (RR) Good stuff

KAFB NE 3/2 strong w/UB/SOC 0034 w/Idx and mx (JF)

CKXL AB 3/3 regular on WM but semi-local quality w/Top 40 noted 0300-0307 thru (JF) Times fantastic signals (JS)

KJOK KS 3/3 noted off 0535, KVOS in like ton of dung bricks (RR) signal 0541-0548. (JS)

KQPH KS 3/3 rarely heard due to KLOK, but w/other off this with woping signal 0541 w/farm stuff (RR) If you live on a farm, you’ve got to dig it (DS)

WJDL PEI 3/3 not very good on WM RR, evidently DA is OK now, still Mol w/female DJ and nx just before the hour, went 10KX 2/6, as strong as earlier kilometw non-DA, NSP (Foxy)

WCAU PA 3/3 off and ETTing most of AN (DS, RA, JS, dm, GPW)

Unid ?? 3/3 Weak, not a lot, maybe phoneside stuff 0031-0035 fadeout too weak for DP, has the WMPA KC been moved? Not heard 0030-0500 as usually is (JS)

WJDL TN 2/24 on top AN/w/RR, many Ids (JF) 3/3 dominating 0110-0130, "K-Day" (WJ)

WGRH NY 3/3 dominant 0145-0207 w/RR to 0200, then nx_to 0205, after, more RR, believe AN was Chuck Stevens Show (ELK) Really bizarre format there (JS)

WDFR FL 3/3 ID 0300, then CBS N, strong (DS) Ted

WDRN KS 2/24 w/MO w/FR w/RR and truck spot 0115-0250 u/occasional CKJD ET/JJ

WJNL NS 3/3 TT on/off leaving OC 0305-0310, jumbled ID 041 by female, called known WRAJ, did anybody ID this? (BS) Yes (JS)

Unid ?? 3/3 maybe some w/on here 0500 w/SSB on synthesizer, no copy of announcement, any ideas (JS)

MI 3/3 noted on 0226 w/RR, ID, is MI EST or EDT (BS) No, actually it’s EDT (JS)

WJDL MI 2/24 atop w/nx and wx 0141-0148, WHOT nonexistent (DM)

MA 3/3 ID heard by RR, Foxy, DS, RA, ELK, JS, WJL, Silly, tentatively by WW and dm
1380 KZUL AZ note heard by RA, ELK, dm, HBW, JS. Phone call from SKin
see this was not on, equipment trouble, will re-sked (JS)
WMT VA 2/20 noted in/out 0523 w/C&W, very rare (DS)
Unid ?? 3/5 someone w/big band mx 0400 and at various times to
KAZM, we this KZUL (RH) see above (JS)
1390 WEMY VA 3/5 ET/OC, ID, jx 0305+ (RH)
1400 WOCV VA 3/5 atop 0130-0200+ w/black amner, QM from FFer (RM)
KRE CA seems to have SP again, noted off 0504 on M66 leaving KIUL (RH)
1410 Unid ?? 3/5 strong ET/TT looping was 0042-0052 then WHL9
What was looping noted n/WPO, noted waiting for farm, (BH) 19 loc (RJ)
1430 WENZ VA 2/28 after WSHC FC w/vx, vx, TS and one ad, no WSCC (RM)
1460 WBNR PA 3/5 ET/OC w/ID 0404 (JS)
WPFX AL 3/5 alone 0520-0535, good signal, much C&W w/jx (RA)
KENO NY 3/5 xit 0450, seems like KDON was off, had RR u/KENO
but couldn't have been KDON, too weak (RH) Maybe WAMO?
1470 CJVR RC 3/5 best ever, and of course during KAZX DX, also they would
see/w/off 0400, 16 min before KAMZ w/off (RH)
KNDE CA 3/5 ET 0340 w/CLK w/KAZH (RH)
Unid ?? 3/5 weak TT 0309, no ID, this KAZM DX? (BW) No (JS)
KAZM AZ 3/5 DX tentative by ELK, heard for sure by RH. Not heard by
everybody else reporting this issue
1490 CKLM FQ 3/4 w/classical ex 0041-0100 nx, w/off 0100, definite ID
for this QRM I guess they must be on now, huh? (ELK) Just (JS)
'3000 KKKX CA 3/5 have added 4 minutes to SP, now 0300-0400 and dropped
the OC (RH) Did it break? (JS)
CKAY BC 3/5 wopping signal way w/KBSP 0300 when KKKX went off (RH)
 maybe watch it with the echos (JS)
-1510 KSND SD per v/1 has full power SWK, KMA Presbyterian, and 100 watt
PSA, I don't understand, w/a Denny Comfort, MD QTH: Box 65
(EXL) The kilowatt is probably a critical-hours power (JS)
1530 KFDR CA 3/5 ID 0300 to CBS Nx, poor but dugoutable w/150 (DW)
Unid ?? 3/6 TT/OC o/u WKY all AM (JS)
WTTY GA 3/5 ET/mx/Ida 0124+ atop freq (RJ) Ho hum (JS)
1540 Unid ?? 3/7 ET/C&W, some OC, of course, no ID 0435-0450, KXLX
maybe noted RR u/KBGT, KCRYPT? (RH) Who knows (JS) ?!
CHIN ON/OC 0140-0215 w/lb w/ID as "CHIN-FM" evidently effing using
FM programming (Foxy)
WCGX AI 2/28 ads, w/lb w/KXLX/WWTPR 0750, many Camden mentions (BW)
1550 WTWN MA 3/5 ET 0210-0400+ heard by RA, RM, BS, WR, ELK, ALO
WYXK GA 3/3 ET/TT/OC 0115-0132+ (DS) (JS)
WOKJ NS 5/6 ET/OC w/ID 0313 (JS)
* KOKA LA 2/28 noted AN/GR (JS)
WEXT CT 2/26 ET 0030-0050 NOT HEARD, ditto 0050-0200 (RA, FF)
1560 KAAA SD 3/5 finally on, RS w/C&W 0614 in out/w/KBAB/WBER, no spots
noted 0614-0637, how can I report when no spots, but
then they don't verify (RH) Yes they do, has big QSL, send
them a tape (JS)
1580 WORG SC 3/5 w/ET 0200-0305, TT, some RR (DS, RJE)
WPVY VA 3/5 per annt 0130, strong, was DW non-DA (FD)
WCRV NJ 2/24 DX a show but was on this date 0115-0130 (FD)
WSPF IL 2/24 ET/TT/OC most of AM, same as 2/17, hope this doesn't
become a regular pratice (JS)
1600 WNUB WI 2/24 DX heard poorly by JP, heard by RM
WAWA WI 2/24 load ET/TT solid o/all noted 0312, ID and off 0319 (JS)
RJUK TX 2/28 way atop WAKR w/RS w/ RBJ 0410-0420+ (JS)

Well, kiddies, there's another DDXB. We'll all be looking for all of
you at the YAD at my place March 24-30. Don't miss it if you can.
And now, Wesley will tell you who was responsible for all this dribble (JS)
PS: They never come up to the mountain. And now...heeeeres Wes!!

And now...the rest of the Ron Shatz stuff from Florida:...
DAYLIGHT SAVINGS TIME PRE-SUNRISE POWERS

Jerry Starr

If you read the notice from WHOI's Washington attorneys that was reproduced in the 2/24/75 DX News, you know that the FCC has given special pre-sunrise authority to many stations not normally eligible for pre-sunrise operation. These powers will again be activated by FCC authority.

In the event that DST is extended beyond the fall or begins early next year, it is assumed these same PSA powers will again be activated by FCC authority. All power given in watts. The several stations with 0.0 watts will not be allowed to operate any PSA power due to their pattern or proximity to the Canadian border.
9. Please check the categories in the two lists below which most accurately characterize your use of NBS frequency and time services.

**User Classification**
- Gov't: Military
- Gov't: Civilian
- Equip. Manufacturing
- Navigation
- Aviation/Aerospace
- Telephone Industry
- Electric Power Industry
- Standards Lab
- Shipping/Boating Industry
- Pleasure Boating
- University
- Communications Industry
- Seismology/Geophysics
- Other (please specify):

**Principal Use**
- Hobby (other than amateur radio)
- Amateur Radio
- Calibration of watches/clocks
- Navigation/Position location
- Communications systems
- Scientific data monitoring
- Instrument calibration
- Rocket/satellite tracking
- Storm warnings
- Geomagnetic
- Propagation Forecasts
- Astronomy
- Other (please specify):

10. Are there other services we should add? Yes □ No □ If yes, what services?

11. Do your responses to the above officially represent more than your own personal involvements? Yes □ No □

   If yes, please explain

12. Comments:

---

January 8, 1975

Dear Participant:

In response to government-wide efforts to reduce operating costs and conserve energy, we are considering various alternatives for operating radio stations WWV and WWVH. Interested listeners to these stations are being asked to provide information, via the enclosed questionnaire, which will help us set priorities and guide our decision-making processes with respect to these services. Examples of possible changes include the elimination of some broadcast frequencies from WWV and/or WWVH or reductions in transmitted power on some frequencies.

As a result of greatly increased energy costs at our Hawaiian radio station, WWVH, we have already solicited comments from users regarding a proposed 50 percent reduction of power at 5, 10, and 15 MHz from WWVH only. We have received so many objections to this proposal that we have decided to explore other possible means of cost and energy reductions. It is hoped that the responses to this questionnaire will allow us to provide the services needed most within our financial constraints and at an efficient level of energy use. Thus, it is very desirable that you provide us with thoughtful responses to the enclosed questions. Please fold the questionnaire in thirds with the return address on the outside and staple or tape it closed and mail. No postage is necessary if mailed within the United States. However, a postage stamp is necessary if a reproduced copy of this questionnaire is mailed.

Your help is greatly appreciated.

Sincerely,

James A. Barnes, Chief
Time and Frequency Division

Enclosure
**NBS Questionnaire for Users of WWV, WWVH Services**

1. **To what extent do you use the following frequencies?**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Frequently</th>
<th>Sometimes</th>
<th>Rarely</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 MHz</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>5</td>
<td></td>
<td></td>
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<tr>
<td>10</td>
<td></td>
<td></td>
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<tr>
<td>15</td>
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<td></td>
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<tr>
<td>20</td>
<td></td>
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<tr>
<td>25</td>
<td></td>
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</tr>
</tbody>
</table>

2. **How important are the following frequencies for your operation?**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Relatively Unimportant</th>
<th>Very Unimportant</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 MHz</td>
<td></td>
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<td>20</td>
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<tr>
<td>25</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

3. **How often do you use the following?**

<table>
<thead>
<tr>
<th>Service</th>
<th>Frequently</th>
<th>Sometimes</th>
<th>Rarely</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>WWV</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WWVH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telephone No.</td>
<td>(303) 499-7111</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. **How often do you experience harmful interference between NBS broadcasts and other time/frequency transmissions?**

- Never
- Seldom
- Often
- Frequently

5. **In what approximate geographical area do you make use of WWV/WWVH signals?**

6. **To what extent do you use the following information?**

<table>
<thead>
<tr>
<th>Information</th>
<th>Frequently</th>
<th>Sometimes</th>
<th>Rarely</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of Day: Voice</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time of Day: BCD Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One-second ticks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard frequency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DUT 1 values</td>
<td></td>
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</tr>
<tr>
<td>Weather</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOALERTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propagation forecasts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. **How important for your operation is each of the following categories of information as supplied by WWV/WWVH?**

<table>
<thead>
<tr>
<th>Information</th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Relatively Unimportant</th>
<th>Very Unimportant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of Day: Voice</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>One-second ticks</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard frequency</td>
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<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propagation forecasts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. **How would you characterize the signal which is typical for you?**

- More than Adequate
- Adequate
- Marginal
- Useless

---

(Over)
All listed station in MI annotated with "May operate if emergency daylight savings time from Feb. 23 through April 27, 1975" which, of course, they did not do. These powers according to the FCC will be used "without regard to whatever privileges these stations already hold under PSAs issued" by the FCC. As of 4/27 all stations shall revert to their normal licensed or authorized PSA modes of operation if they have same.

This information taken from FCC 75-144 (29985) as adopted by the FCC Feb. 4, 1975.

I see I still have a little bit of space left so I will remind you again of the YAD Gettogether here in Hubbard March 29-30. Hope to see all of you here. Or, as Alfonso Bedoya says "We want to see your face in the place"

HQ: This little corner is for you....

Supremacy Ratings

<table>
<thead>
<tr>
<th>How</th>
<th>Location</th>
<th>FM</th>
<th>AM</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. Dangerfield*</td>
<td>Pennsylvania</td>
<td>114</td>
<td>114</td>
</tr>
<tr>
<td>R. Anderson</td>
<td>Virginia</td>
<td>102</td>
<td>102</td>
</tr>
<tr>
<td>H. Gustafson</td>
<td>Illinois</td>
<td>99</td>
<td>99</td>
</tr>
<tr>
<td>A. Herriman</td>
<td>Virginia</td>
<td>98</td>
<td>98</td>
</tr>
<tr>
<td>H. Noble</td>
<td>Massachusetts</td>
<td>89</td>
<td>89</td>
</tr>
<tr>
<td>D. Reynolds</td>
<td>California</td>
<td>89</td>
<td>89</td>
</tr>
<tr>
<td>H. Wilkins</td>
<td>California</td>
<td>81</td>
<td>81</td>
</tr>
<tr>
<td>C. Freeman</td>
<td>California</td>
<td>75</td>
<td>75</td>
</tr>
<tr>
<td>G. Allen</td>
<td>California</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>A. Hage</td>
<td>Quebec</td>
<td>69</td>
<td>69</td>
</tr>
<tr>
<td>M. Magnire</td>
<td>Hawaii</td>
<td>64</td>
<td>64</td>
</tr>
<tr>
<td>J. Stern</td>
<td>Ohio</td>
<td>61</td>
<td>61</td>
</tr>
<tr>
<td>K. Hapac</td>
<td>New York</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>E. Lewis</td>
<td>Ohio</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>J. Sperry</td>
<td>Connecticut</td>
<td>53</td>
<td>53</td>
</tr>
<tr>
<td>R. Reynolds</td>
<td>Missouri</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td>D. Lewis</td>
<td>Alabama</td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td>F. Wheeler</td>
<td>Pennsylvania</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td>N. Luton**</td>
<td>North Carolina</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>E. Wesoletowski*</td>
<td>Nebraska</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>J. Smalley</td>
<td>Maryland</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>R. Moose</td>
<td>Missouri</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>M. Sorenson</td>
<td>Manitoba</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>T. Kemando</td>
<td>Ontario</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>D. Waisgur</td>
<td>Ontario</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>B. Karowski</td>
<td>California</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>B. Fain**</td>
<td>Ohio</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>

Hope fishing has been good to you all and that you will put your totals up to date if you haven't reported in some time. Next issue, North American totals. TK and good fishing, Aloha.
Ohio evening weather forecasts

-Northwest Inland-
West Lake Erie Shore
Cloudy and colder tonight with a chance of flurries. Lows 10 to 15. Friday partly cloudy and cold. Highs in the low to mid 20's. Clear and cold. Friday night. Lows 10 to 15. Increasing cloudiness Saturday with a chance of flurries. Highs in the upper 20's and lower 30's. Probability of precipitation 50 percent tonight, and 20 percent Friday and Friday night.

-Cleveland and Vicinity-
Snow tonight with additional accumulation one to three inches except three to five inches likely eastern suburbs by morning. Lows 10 to 18. Cloudy today with a chance of snow flurries. Highs 15 to 20, flurries ending today evening followed by slow snow on and cold. Lows 5 to 10. Mostly sunny and not as cold Monday. Highs in the 20's.

"Now you know why radio people often talk kind of funny"... this from UPF wire 27 & 28...
With "wire copy" like this it's no wonder some announcers forget to identify the station. Think about it, how would you pronounce: Slowpoxareing!!
The following is a quote from Silliman after Starr & I did the last DDXD...
-- Let it be a conscious BZK Drug, not an accidental

BBC Radio Blackburn

Serving the People of North East Lancashire on 96.4 MHz VHF FM (Slope polarised 1.5 kW ERP) AND 351m 9044 kHz, 0.5 kW (Temporary) 1 kW.

Thank you for your reception report at [redacted]. GMT on 96.4 351m. We are pleased to confirm that your report was correct. We thank you for it and hope you will enjoy our programmes in the future.

KING STREET BLACKBURN LANCashire BRITISH ENGLAND
WPEN Back on the Air:

An "OVER-THE-HILL disc jockey" named Frank Rizzo introduced the first song, shortly after 12:47 P.M. yesterday, when WPEN-FM (93) and FM (103) returned to the air after an absence of several weeks.

"The first number," said Hixzon, after a few words of welcome, "will be Little Caesar and The Romans singing 'Those Oldies, But Goodies.'

The number tipped off the old station's new formal rock 'n' roll of the 1950s, except for the news.

That means songs like "Shakin'" by the Crew Cuts, "Rock Around the Clock," with Bill Haley and the Comets, and the pop hits of Johnny Mathis, Frankie Avalon, Fabian, and Paul Anka. There's for AM, of course; FM music will be varied.

"To our knowledge it's the first time Golden Oldies of the 1950s have been played exclusively on AM radio," said Larry Wexler, general manager of the station. News will be carried at various times during the hour, but there won't be any from 6 to 8 P.M. Sunday nights will feature three hours of public service programming.

As Wexler put it the station went off the air "98 days, 47 minutes and 23,000" ago to refurbish and modernize. Improvements include a new 500-foot tower in Overbrook, a new transmitter and antenna ground system, as well as new electronic equipment in its headquarters at 22d and Walnut S.

The station is now operated by Greater Media, Inc., of North Jersey, which purchased it from Philadelphia builder Martin Field. Its new on-air personalities include Loren Owens, Mike St. John, Bobby Dark, Geoff Fox, Rick Harris, John Winter, news director, Bruce Smallwood and Rod Fritz, newsmen.
This is not a complete construction article but rather a guide to a new idea for making a simple loop antenna.

I wanted to be able to make a loop antenna without the need for metal parts (braces, screws, etc.) or the need for any expensive tools to be used in its construction. I wanted great performance at the lowest cost and the minimum in construction difficulty.

The basic parts of this loop can be purchased at a good hardware store. You will need eight 1/8 inch dowels 36 inches long. These dowels are already cut, so you need only select the straightest ones. The eight corners are 90° elbows for 1/2 inch plastic water pipe. The dowels will fit the plastic elbows because the 1/2 inch water pipe has a 5/8 inch outside diameter. A good glue to use is a vinyl plastic product with the trade name "DAP".

The base of the antenna is made from plastic water pipe (1/2 inch) and plastic 90° elbows. **It is made large enough to support the loop and small enough to fit on top of my receiver.** A hacksaw blade will work fine to cut the pipe. The loop sides are spaced with 6 inch sections of 1/4 inch dowel. They fit into 1/4 inch holes drilled into the plastic elbows. **Drill the holes before starting construction of the loop sides.** If you drill the holes in the same place in all eight elbows, the dowels can be used without the vector board for the corners of the loop. My holes were not quite in the same place on some of the elbows, and I used Vector board to true the corners before winding the loop.

The base of the loop is attached to the loop with monofilament fishing line. This can be coated with DAP to protect the fishing line from abrasion.

Plain, unclad Vector board is used as a mount for the loop amplifier and miniature 365 pF tuning capacitor. **To support the Vector board I used 1/4" square pine wood.** You can find it at most hobby shops. I used DAP to hold it together.

The coax used from the loop windings to the tuning capacitor and from the tuning capacitor to the amplifier is not grounded. **It is not connected to anything.** Only the center wire is used. The shield is just to prevent unwanted pickup of received signal by the inside wire. (Ed note: Pickup of unwanted signal will not be reduced unless the shield is grounded. **Shielding may alter tuning of the loop because of capacitance to ground.** The loop amplifier represents the best of many I have made over the last few years. It has a very high impedance input along with high gain, and requires no neutralization. The gain pot will come in handy to prevent overloading of your receiver when listening to local stations.

The interstage shield may not be needed. It was the result of earlier amplifier experimentation. The Vector board inside the mini-box is copper clad on one side. I have used many different types of N-FETs in different amplifiers, and it seems to make little difference what ones you use as far as noise levels go. I would recommend you do not use MOSFETS. (They are susceptible to static electricity, i.e. lightning.) **A good way to protect the FETs from static electricity during construction is to dip them in water.** This will short out static charges that may be on your hands or soldering iron.

The supply voltage used for this amplifier is from a voltage divider added inside the receiver. I use 25 volts but have used up to 50 volts. 25 volts is best all around, though. The amplifier will work well with 12 volts, however, if your receiver uses a 12 volt supply.

If you need to tilt the antenna to null out a station, you can use a paperback book under one side of the base. Use more or fewer pages for more or less tilt. **How's that for low cost?**

I made this antenna as a low cost project. It beats any other antenna I have made, and that includes a 36 inch ferrite loopstick with a similar FET preamp. I think most of our members can make this loop without a large cash investment or a carpenter's toolchest.

If you use a small receiver with a ferrite antenna, just place your receiver within six inches or so of the loop windings. You will not need the amplifier. The signal level increase will surprise you. You may have a hard time nulling unwanted stations, however.

I hope the loop can be used to increase your DXing totals and enjoyment.
loop wire - Belden indoor antenna wire #8014
You will need 120 feet (10 turns).
coax - Belden 8218 Subminax
RFC - 3.9 mH, Miller #70P393A1
gain pot - 10K ohms Mallory MLC14L 1/8 inch shaft linear taper
minibox - See picture.
resistors - 1/4 watt
capacitors - 100 V dipped Mylar

You may wish to use MPF-102 or 2N3819 FETs.
Both work fine and are inexpensive.
Dear Mr. Calkin,

We are in receipt of your letter dated December 21, 1974. We are thankful for the interest you have shown in our programmes. The details of the programme sent by you are confirmed.

Further, the frequencies of the Srinagar 'A', 'B' and 'C' used for broadcast are given below for your information:

**Srinagar 'A':** 1120 KHz

**Srinagar 'B':** 3277 KHz from 0130 to 0900 Hrs. GMT
4850 KHz from 0215 to 0400 Hrs. GMT
6100 KHz from 0415 to 1115 Hrs. GMT
3277 KHz from 1130 to 1730 Hrs. GMT

We hope to hear from you in future too.

Yours sincerely,

K. R. Gupta
Station Engineer.
BILL FAIT - 346 Walworth Drive - Cleveland, Ohio - 44132

Hi, here is all the important stuff I've logged since my last Muse.
All times are EST since all were logged before the time change. WZMN-1000 @ 5:315 pm on 1/20 wfr, SDB, local ads, and before that, @ 4:29, WORX-330 came in nice c/v, ad, WBFN-490 came in c/v, then WORX-330 came in nice c/v, ad, the music was good, and then at 4:35 WBFN-300, 2000, 7990, 7000, 6950, 6900 kHz, WHYN, and the music was hot. When I logged @ 4:35, WBFN-300 was @ 3:50.
Bob Fornrell: 0-200, Box 6111 - New York, New York - 10001

The great holiday on 990 is about to come to an end. Last week's Variety (2/13) reports WPEN was due to return on Sat. 3/1, but they didn't quite make it. I think the weather was too much for the SC 25f. The WPEN on 990 about 5pm that night, & they were definitely Iced out. MM 3/1 & 4:30am after playing "Brain of the Storm", and then they were gone from the air. I didn't know if they would ever return, so I went out there this morning, and they were broadcasting. They are now playing a Christmas program, and it seems they'll stay on the air for a few more days. I hope they do, because it's nice to hear something other than Christmas music. Yes, they're playing a Christmas program, and they're doing a great job. I'm glad they're back on the air. I really enjoyed listening to them this morning. It was a pleasure to hear something other than Christmas music.

In the meantime, I'm going to enjoy listening to them while I have the chance. I'm looking forward to hearing their regular programming soon. They're doing a great job, and I'm sure they'll be back on the air soon. I hope they do, because I really enjoy listening to them. It's been a pleasure to hear them this morning.
Equipment & Engineering

All in favor: more time and power to AM's

Comments continue to approve FCC guidelines to increase service limitations on AM stations: most want more than was suggested.

A flood of over 100 comments reached the FCC last week in support of the commission's decision to allow more power and extra daytime nighttime service to existing AM stations. Generally, the comments served as a reprint of those filed earlier (Broadcasting, Feb. 10). Broadcasters with daytime AM facilities suggested the FCC include expansion to nighttime service in the overall rule relaxation. Suburban stations sought redefinition of the commission's "suburban policy" and class IV licensees sought inclusion of their service in the rulemaking.

Mutual Radio urges the FCC to limit the present amount that AMs must carry to service an underserved community with full nighttime service. Mutual favors granting nighttime operation: as long as there is compliance with the FCC's nighttime requirements and the applicant is in a market with less than four full-service stations.

Mutual, which operates the Mutual Broadcast Network, is reported to have told the commission that the permit night operation where such approval would meet interference standards and provide either first service or a "competitive service" to a substantial segment of the community which has special needs. Mutual said that approximately half of the country's black-program stations are daytime and are now restricted to daytime operation.

San Francisco's KAOS AM, one of those "independent" stations, has added the request to its agenda to be included in the overall rulemaking.

The pending issue of another perspective, Gatorland Broadcasting Inc., licensee of WQCAT (AM) St. Augustine, Fla., noted the problem faced by small-town daytime-only stations. Gatorland submitted that in its case the local station at night is actually from Charlotte, N.C., not Gatorland itself. The situation will not be remedied, Gatorland adds, unless the FCC permits stations like itself to begin nighttime operation and render the local evening service in the community.