



\* "Watch for the annual April  
Fool's Day issue of DKN..."  
(NJPC) \*

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- RJE's Pirate Verie
- Introducing a New Broadcast Service: Broadcast PRO-file
- A reprint of "The Midwinter Anomaly is Alive & Well in Finland" - Gordon P. Nelson
- Another PB Updater - Wes Boyd

## NEW MEMBERS

- \* Carl Moore, Box 237, Brattleboro, VT 05301
- \* E. M. "Butch" Shank, 3344 Mentone Ave., Apt. 2, Los Angeles, CA 90034
- \* Larry E. Addison, 944 88th Lane, Coon Rapids, MN 55433 (re-joins)

## RENEWALS

Grubbs, Conrad....

## NOTES &c FROM NJPC

We've noticed a bit of confusion regarding our listing on REPRINT # A-17, in the recent list. A-17-a is the FIRST 9 PAGES ONLY of the whole article, thus excluding the abstruse mathematics. A-17-b is the ENTIRE 40 PAGES, INCLUDING the 9 pages listed as A-17-a, so if you order both, you're duplicating, and we'll only have to waste our time refunding you the difference !

TO OUR CANADIAN MEMBERS: We don't know how things are up there, but here in Northern New Jersey, we cannot negotiate Canadian currency. For this reason, we find it logical to refuse to accept payment in Canadian currency, because we can't cash it this side of New York, or so it seems. Once again, we ask our Canadian members to PLEASE REFRAIN from sending currency. USE POSTAL or BANK INTERNATIONAL MONEY ORDERS for all transactions with HQ. We are sorry, but we really can't help it, hi.

The Glenn Hauser MEXIGLENN LIST of Mexican MW stations which has appeared in IRCA's DX MONITOR periodically over the past two months WILL APPEAR here in DX NEWS. Glenn also sent us the pages of the log as he completed them, however due to the differences in publication format, we decided to run the entire log in one bulletin. For this reason, Glenn asked us to ship the copy back to him for a complete up-date. As soon as we receive the updated copy, we will run it in the subsequent issue. We also have several Mexican station patterns on hand, supplied by Wes Boyd. We will run those in an issue after the MEXIGLENN LIST is published.

Several of our members have commented upon the paucity of articles of both a technical and feature nature appearing in DX NEWS this season. As many of you know, a majority of the articles which have appeared in DX NEWS during past seasons was authored by Gordon Nelson, RJE and PT. These same three of us have accounted for a majority of this year's total. Page and I are quite busy with running the club, and cannot therefore do as many articles as we had previously. We understand that GPN has several articles in the research stages, and also that Bob Foxworth has more material coming shortly. BUT WHAT ABOUT THE REST OF YOU ?? Surely other members have special equipment or techniques to explain to the membership!!! LET'S HEAR FROM YOU !!!

## NATHAN RECALLS PEACE-SHIP DAYS

Calls Them 'Beautiful' and  
Seeks Contributions

By PAUL L. MONTGOMERY

Abie Nathan sat in the commercial hotel off Times Square and smiled as he remembered the brief career of his Peace Ship in the Middle East last year.

"When I look back, it was a beautiful thing," said the ebullient advocate of love and moderation, talking of the floating radio station that broadcast to Arabs and Jews last summer and fall, and through the Yom Kippur war. "Every night at sunset we had the classical hour," Mr. Nathan said, laughing softly at the thought of it. "We'd tell everybody to stop what they were doing and look at the sun and the sky and the sea. It's the greatest show on earth, and it's all free."

Friday nights there was rock



Abie Nathan

music for the young people on both sides of the conflict.

"We found out the Arab kids and the Jewish kids like the same music," Mr. Nathan said. "We got requests for the Moody Blues from Cairo, and we got requests for the Moody Blues from Tel Aviv."

**Seeking Funds Again**  
Mr. Nathan, one of the most exotic figures produced by 25 years of Arab-Israeli fighting, is back in the United States seeking contributions to keep the Peace Ship afloat and broadcasting. He spent nearly four years here painstakingly raising the \$300,000 to refit the 180-foot coastal freighter for broadcasting, and now fears he might have to give up his dream. "It's incredible how little we need for what we can accomplish," he said. "For \$120,000, we can keep the ship running for a year. That's less than 1 per cent of the cost of one fighter plane."

Mr. Nathan is a 46-year-old Israeli who was a fighter pilot for the British in World War II, then had careers in Israel as a restaurateur and art dealer before turning to peace. He first won attention in 1966 by flying alone in an ancient biplane from Israel to Egypt to try to convince the leaders of the two countries to sit down and talk.

### Devoted to the Cause

Since then, he has devoted all of his time and much of his fortune to the cause. His view is that hard-liners on both sides of the conflict have been allowed to put forth their views on war and confrontation without permitting attempts at mutual understanding.

Broadcasting in Israel and in the Arab countries is controlled by the Governments, and Mr. Nathan regards the stations as nothing more than instruments for propaganda—what he calls "screeching and screaming." His white-painted radio ship is an attempt to provide a voice of moderation for both sides, encouraging dialogue instead of one-sided speeches.

It took Mr. Nathan four years to raise the money here and in Europe. Volunteers from peace groups helped, but often he found himself working alone in what seemed a hopeless cause. It took a hunger strike by him to attract attention and raise the last \$48,000 needed to send the ship on its way.

From The New York Times, 3/10/74

### Broadcast 3,000 Hours

The Peace Ship, with a volunteer crew, began broadcasting in the Mediterranean last May. Mr. Nathan estimates that its 50,000-watt transmitter can reach 30 million Arabs and Jews. The station was on the air for 3,000 hours before the money ran out last November.

The station pirated news from the international services and stations like the B.B.C. for re-broadcast with interspersed comments. During the war, Mr. Nathan said, he would try to lessen the tension by broadcasting funny items or news about Elizabeth Taylor or Princess Anne instead of concentrating on the fighting.

When the money ran out, Mr. Nathan and the crew took the ship to Marseilles, where it is still berthed. He said he spent a month there trying to raise more money, and collected \$11.

Friends in the peace movement paid for his ticket to the United States and for his stay at the Paramount Hotel here. He said his immediate aim was to find \$25,000 to return the ship to the Mediterranean, where he hopes he can sell commercials and make the station self-supporting. So far, he said, \$2,000 has come into the Peace Ship Fund, P.O. Box 1111, New York, N. Y. 10022.

## international dx digest

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

A slim column again this week. Apparently conditions continue to be worse than bad or everyone's got writers cramp. Here is what little I have.

- 620 -DOMINICAN REPUBLIC HISD Santo Domingo, 2/10 1049-1100 w/"informas" "Radio Television Dominicana" and "Radio Nacional". (Schiller)  
-UNID Think XENK 3/3 0620-0659 s/off. Old style mx, like Benny Goodman, some old IA instrumentals, and a few band versions of current mx, applause after every song. S/off had rooster crow at end. Anyone heard XENK recently? (Gleason)
- 650 -HAWAII KORL Honolulu all alone w/telephone talk show 0650 MM 3/11. Only Hawaiian heard. (Pejza)
- 675 -COSTA RICA TIJC San Jose, "Sonora" s/on 1100-1131, TCs GMT -6, frequent Sonora IDs, TCs and I IDed a couple of songs. (Schiller)
- 710 -VENEZUELA YVKY Radio Capital, Caracas 3/11 w/monster signal t/in 0450 w/mx, long s/off amnt and NA 0455-0458, leaving CKVM in FF w/0500 ID dominating channel. WOR off, YVKY completely wiping out any signs of normal Cuban jammers here. New. (Sundstrom)
- 730 -DOMINICAN REPUBLIC HIZ Santo Domingo, 2/26 1027-1041 w/news, ads, and chimes. Strong over another SS. (Schiller)
- 735 -ECUADOR HCGEI Radio Melodia, Quito 3/10 s/on 1056-1107 fadeout, w/ID in SS and EE (!) at s/on. (Schiller)
- 790 -MEXICO XEFE Nuevo Laredo, Tamps. 3/12 0145-0200 w/program called "Recuerdo ...con la voz inolvidable de Augustin" and old Augustin Lara songs. ID as "FE, campeona en auditorio". (Gleason)
- 920 -MEXICO XEOK Monterrey, N.L. 3/11 1306-1332 w/ranchera mx and ads for a cosmetic mail order firm. (Gleason)
- 1010 -DOMINICAN REPUBLIC HIJP Santo Domingo, 2/25 1028-1043, "informas" and frequent TCs. (Schiller)
- 1015 -EL SALVADOR YSC San Salvador 2/27 1118-1132 w/ranchera mx and "Radio Inte rnacional" IDs. (Schiller)
- 1030 -UNID Under XEQR for quite a while MM 3/11 0729-0805. Faded up about every 8 minutes or so for about 30 seconds. Mostly talk; one apparent ID at 0729 had "...Internacional F de M (?) .. Ia Radio de Colombia (?)" followed by apparent mention of "Banco de Colombia" but not definite. Format sounds like Radio del Plata reported by Gene Martin and others, but no definite ID yet. (Pejza) There is also a HJ AN here, Father Jack. Best reception of LS10 occurs when the HJ is off. (ED)
- 1180 -VENEZUELA YVNV Radio Petrolera, Ciudad Ojeda 3/10 w/"Radio Petrolera" ID 0850 in between records, in and out of noise level (may have been WHAM OC suppressing signal), noted while looking for Chile. Have been running a tape here after Brazil SR, for past couple of months, looking for Chile, but no luck yet. YVNV new. (Sundstrom)
- 1260 -MEXICO XEOG Ojinga, Chih. Radio Ranchito heard 3/12 s/off giving sked as 1300-0300. (Gleason)
- 1270 -UNID XE 3/11 1340-1350 station w/MST TCs, nortena mx, and ID as "Radio Frontera", so suspect XEMW name change from R. Exitos. (Gleason)
- 1340 -MEXICO XEJK Ciudad Delicias, Chih. 2/25 and 26 w/boxing match on 25th, romantic standards in SS next night 0150-0300 best. ID w/jingle as Radio Amistad. (Gleason)
- 1345 -ECUADOR ?? Signs on between 1000 and 1010 daily, fair signals, thought I heard "Bien" in the ID on 2/28 so maybe Ambato. (Schiller)
- 1350 -VENEZUELA YV?? Still frequent 1000 s/on, think the ID is Falcon (province) where Coro is located. (Schiller)
- 1540 -MEXICO XENC Celaya, Gto. 2/29 0150-0159 w/regional mx on "Ia Hora Mexicana" Show asking for letters to Apartado 101. (Gleason)

Thats whats been heard. A few veries and other material on following page.

\* \* VERIFICATIONS \* \*

04

540-COLOMBIA HJKA Bogota, "Horizonte" v/1 from Humberto Pieschacon Carreno, Gerente Administrativo, (Schiller)  
 620-XEBU, 920-XEQD and 850-XEM v/1 from Roberto Boone Menchaca, Gerente, Apartado 220, Chihuahua. (Gleason)  
 650, 1275, 1375 and 1463 COSTA RICA Mounmental Net, long friendly v/1 back in 2 weeks from Mario deValle G., Dept. Technico for 2/4 ER report. (Schiller)  
 675-COSTA RICA TIJC Sonora, San Jose v/1 in 9 days airmail from Hernan Alvarado R., Adm. Gen. "Cadena Musical". (Schiller, also next)  
 855-NETHERLANDS ANTILLES PJ2 Curacao standard cactus v/q from the QSL Secy.  
 1160-DOMINICAN REPUBLIC HIBG Santiago, v/1 and colorful station card, "Radiolandia" from Cesar Peguero S., Dir-Adm. (Schiller)  
 1180-BRAZIL ZYD65 Rio, v/q back in 3 weeks, #1 from Brazil, country 78. (Schiller)  
 1300-MEXICO XEP v/1 on f/up from Esteban Parra, Gerente, Apartado 89. (Gleason)  
 1560-MEXICO XESE Champoton, Camp. v/1 from station group HQ at Calle 12 No. 112, Campeche, Camp. saying equipment recently improved. V/s illegible. (Gleason)

The reporters for this issue ...

Dave GLEASON - Scottsdale, Arizona R390A, Sanserino loop  
 Father Jack PEJZA - San Diego, California SPR-4, Sanserino loop  
 Ron SCHILLER - Lighthouse Point, Florida HQ-180A, longwire  
 Tom SUNDSTROM - Willingboro, New Jersey HQ-150 w/SB620 and SM2, HQ-140X and DX-150A, longwire.

Some info from Bengt A. Ericson in Sweden ...

INTERNATIONAL WATERS A new pirate is on the air on 1331 kiloHertz, IDing as Radio Atlantis. Broadcasting in Dutch and English, with English starting at 1800 GMT. Address is P.O. Box 385, Oostburg, Holland. Bengt says extremely strong in Sweden and estimates power as at least 50 kw.

SWEDEN All of the low powered MW transmitters in Sweden have been closed. The only MW stations still operating are the 6 high powered stations. They all carry Program 1 and are sked as per WRTH. Horby-1178 also carries some Foreign Service programs.

Falun	1223 kHz, 100 kw
Goteborg	980 kHz, 150 kw
Horby	1178 kHz, 100 kw
Stockholm	773 kHz, 150 kw
Sundsvall	593 kHz, 150 kw
Ostersund	719 kHz, 150 kw

For you longwave fans, the Swedish station at Motala on 191 kHz is on the air 24 hours a day with 600 kw, non-directional antenna. Bengt says this station puts out a strong skywave, and should be possible in the US.

The clipping that appeared in DX News #17, stating that Swedish Broadcasting was signing off at 9:45 P.M. applied to TV only. The radio remained on full schedule. It is now back to a full schedule, signing off at midnight.

Thats it. Next week is a skip, so will see you in 14. If you hear anything, please report. Your support is needed. 73 - DX - 820.



editor.. Wes Boyd  
 880 W. Liberty  
 Girard, Ohio 44420  
 Wes Boyd 216-545-4543  
 Dr. Starr 216-534-1394

Hello group,

Looks like the noise has taken it's toll a bit early this year. Geoff Fox came down MM 3/11 and what a lousy morning it was. Between the loop & my 550 ft. semi-beverage nothing much was heard. Only new log was at 0500 w/ Chattanooga u/ WSPD 1370.

And as proof of the lousy conditions, this weeks DDXD thang..

r o's

Feb::

4th. Wed. KCOG 1400-WGEA 1150 (KDF)

March:

1st. MM. WEED 1390 (ELK) KPSA 950 (DS)

1st. Tu. WJDY 1470 (ELK)

WQTE  
 'CUTIE' 560

In future reports of f/c stuff I'd like to request more info on the test itself. I'm sure more info would be more useful to all of us. How about an estimate of the frequency tone on these tests? How often do they ID? How long is the actual test?? And other such stuff.. Thankz gang--

changes

580 CKAP ON Now NSP. Is automated MOR 2300-0600 EST. During these times

IDs only as Kapuskasing, Canada" (BV-per recent verie)

910 WGBI PA S/off time (w/ SSB) is 0206 (ELK)

970 KDAY ND S/on time is 0557 (KDF)

1240 -CP- MB The Pas..grant for EE station here, power unknown (CRTC)

1330 WRIE PA Has a MM SP per TRS.

1340 CKNR ON Approved use of 1,000 watts days (CRTC)

I380 WAMS DE Sked now 0530-0030 7 days a week (DS)

1460 WCMB PA Sked now 0500-0000 (TRS)

1570 CKLM PQ Now operates during listed Sun. SP:, NSP ?? (TRS)

And as usual I left one out..

1370 KDAN MN address 3092 Military Rd. (PO Box 159) Newport, Mn. 55055

(this per recent verie of BV)

And the CRTC approved a network consisting of CFRN 1260 & CJOK 1230 to broadcast Edmonton Oilers WHA games.

sunset & evening

730 WPIK VA 3/10 Noted w/ s/off 1916 (MK)

WMNA VA 3/10 Hrd. w/ "Mystery Sound" contest 1921 (MK)

WPAL SC 3/10 This one w/ s/off u/ WMNA at 1930 (MK)

740 WMBL NC 3/10 S/off without SSB at 1915 (MK)

760 WCPS NC 3/10 Hrd. s/off at 1915 after local wx report (MK)

810 WCEC NC 3/10 W/ news from "N.C. News Network" 1858-1900 (MK)

940 KTON TX 2/28 Hrd. 2009 w/ many ads to 2015 s/off & FM promo (KDF)

1110 WSEW NY 3/9 S/off atop freq. in WBT null 1914- no SSB (TRS)

WBIB AL 2/26 Fair signal at s/off o/u WBT 1930 (JF)

PKRA MS 2/26 Good signal w/ local nx 1935 (JF)

1140 KLPR OK 2/28 Fair w/ OK nx 2005 then C&W mx (KDF) 831

1420 WEMB TN 3/3 Hrd. very weak at 1930 s/off (JF)

1560 WTAI FL 3/9 "Great American Country" s/off 1930 without SSB 1930.

Was atop in WQXR null this time and again 3/10-Eat your heart--RJE

out RJE (TRS) Now dat ain't very nice..HWB--804 \*\* Hrd this last yr!

1600 WMCR NY 3/8 Hrd. right after WCPK s/off 1915 in s/off w/ FM mention and no SSB, no sign of WWRL (TRS) Hey Tom, can you ship a bit of that "no WWRL" out here?? HWB

At this time I'd like to thank TRS & MK. Reports from these two came in just in time to make this sunset section possible (or is it necessary?) for this edition. Sure woulda' looked silly w/ only four reports. 802!

## midnight to sunrise

540 WYLO WI 2/25 DX test:: Signal S-9+ the entire test (RTE)  
 580 WTAG MA 3/1 Finally heard w/ MOR 0815 in WHP null (DS)  
 KMJ CA 2/25 Hrd. o/u WIBW w/ the "24th. hour program" 0203-0236 (RTE)  
 710 CKVM PQ 3/11 FF ID 0100 on top after 0058 s/off YVKY & WOR off (TRS)  
 WOR NY 3/11 Noted off air 0235-What gives? (MK) Also noted here w/  
 CJRN alone & strong-(HWB) Maybe they was off to change batteries!  
 +910 WGBI PA 3/4 On top w/ CBS nx 0206 then s/off & SSB till 0208 (ELK)  
 940 WINE CT 3/4 Strong on ET 0156-0202 w/ TT (ELK) 3/4 On ET w/ RR 0220,  
 ID 0228, & off 0232, O/ WINZ (DS)  
 KGRL OR 3/4 Tried for f/c but heard nothing w/ KIOA. Strong OC/TT  
 came on 0319, looped SW. Hope nobody thought this was KGRL (KDF)  
 UNid 3/4 Unknown station west of here running on/off TT 0300-0400.  
 Was mostly in noise while looking for KGRL f/c. HELP!! (TRS)  
 950 KPSA AR 3/4 Noted completing f/c w/ TT 0152. Per list but was just a  
 skosh late. (ELK) You tryin' to sneak dirty words in here?--HWB  
 960 CFAC AB 2/23 U/ CKWS 0250-0257 w/ local ads, then RR (JF) Is you sure  
 it was RR? Been definate C&W when hrd. here! HWB  
 +970 KDAY ND 2/26 Fair signal at s/on 0557 w/ SSB (KDF)  
 990 WNRV VA 3/3 Strong OC/TT sounding like a POP 0116-0150+. Was o/ WNOX  
 and WIBG, IDed at 0148 (DS)  
 WIBG PA 3/4 Had ET/TT o/ WNOX 0331-0336 (ELK) 824  
 1050 WLON NC 2/26 Hrd. s/on 0603 w/ SSB, very weak (KDF)  
 1090 KAAV AR 3/4 Noted TT 0211, ID 0213, then OC. Could this be UNid  
 from past? (DS) Who can be sure, but you?? Betcha it was! (HWB)  
 1220 WERT OH 2/25 DX test: Very weak u/ CHSC w/ ID 0015 & C&W mx (JF)  
 WKBK NH 2/25 DX test: Good w/ CHSC 0042-0105. Many CW IDs (JF) Only  
 hrd. CW IDs 0046 & 0100 thru WGAR OC (MK)  
 KOFO KS 2/25 DX test: Noted in passing 0150, Unn. (RTE) Excellent on  
 test w/ many IDs, & mx by Carpenters. This was strongest of the 3  
 1220 tests (JF) Was the strongest of the 4 hrd. here, hi.--HWB  
 \*1290 WCOW WI 2/27 Had TT here 0114-0130 during listed f/c. No IDs but DF  
 was OK. Tenative sent (KDF)  
 CJBK ON 3/3 In well o/ WHIO 0216 w/ RR, Rare-(DS) Is well done here.  
 +1330 WRIE PA 3/4 Must have a MM SP as noted w/ s/on 0500. Lost at 0505 to  
 WFBC s/on (ELK) You tryin' to rub it in or sumphin'??--HWB  
 1380 UNid 3/3 Weak TT 0110, off 0114. WAMS ET took care of it, but KCII  
 f/c listed, is this it (DS) Ask GF, don't ask me..HWB  
 1390 WEED NC 3/4 OC/ET 0031-0045+ w/ IDs every minute, u/ WFBL (DS) 3/4  
 ET--TT-OC, ID at 0025 (TRS) Thought this was the f/c..HWB  
 WEAM VA 3/4 ET/TT/OC w/ ID 0026 right after WEED ID (TRS)  
 1440 CFWO ON 2/28 Poor signal, but hrd. an ID 0019 (KDF)  
 1450 KNPM MO 3/4 DX test: W/ CW IDs 0115 & 0116 thru jumble & nothing else.  
 Called 0140 & they said only other call from PKH (TRS) Very weak  
 u/ strong WVON. CW IDs 0125 & 0128 w/ 1K TT between. (KDF)  
 1460 WFMH AL 3/4 ET/TT w/ IDs for AM-FM, 0103-0120+ (DS) Arrggghh--HWB  
 + WCMB PA 3/11 Noted s/off 0000 & annct. s/on 0500. Change log (TRS)  
 Is 0000 s/off 7 days, or what? Log sez 0100 weekdays--HWB  
 1470 WJDY MO 3/5 F/c w/ TT 0018-0027. Poor w/ heavy WMBD QRM (ELK)  
 1520 KOMA OK 3/11 Hrd. 0202 thru unid TT (MK)  
 WENT OH 3/11 On ET at 0109 (MK) Was KB off or sumphin' ??--HWB  
 1560 WSNY IL 3/11 DX test: NO SHOW (HWB-GF) If on, not hrd. 0100-0130 (TRS)  
 +1570 CDEM PQ 3/10 Superpest on 0300-0600 in listed SP. Was running tape in  
 hopes of possible ETs in the listed SP. NSP now?? (TRS)  
 1580 WFRV IL 3/4 Very strong on ET w/ mx 0300-0315 (ELK)  
 1590 WAKR OH 3/4 Noted off 0300, only WETT there (DS)  
 THE CREW THIS TIME::  
 JF Jeff Falconer Clinton, On. Kenwood 9R59DS & SMI  
 KDF Karl 4th. Villa Park, Ill. HQ160, SMI, 100 ft. LW  
 ELK Earl Krengl Middleburg Heights, Oh. HQ180 & looped  
 MK Mark Catz Brookline, MA HQ180 & 4' AA loop  
 DS Gringo Schmidt New Caskle, De HQ180 & SM2  
 TRS Tom Sundstrom Willingboro, NJ HQ150 SM2, HQ140, DX150 & LW  
 P" Brian Vernon Leaf Rapids, Mb Equipment unknown.  
 Outta space--see ya' in 2 weeks mang--"WB

## WHAT IS A FREQUENCY CHECK?

Page Taylor

Frequency checks have been confused and mistaken for equipment tests and even heterodynes from adjacent-frequency foreign stations. How can we distinguish between a real FC and something that isn't?

Although it is no longer required by FCC regulations for AM stations to monitor their frequencies through a monthly measurement, many still do so, and the format of the frequency check may be as varied as regular-schedule formats. Most often, however, you will tune to a frequency and hear a steady 500 or 1000-cycle tone, interrupted by an ID either in voice or code (if you're extremely lucky, hi!) The normal duration of a frequency check is fifteen minutes -- if you're tuned to a tone for a period significantly longer than fifteen minutes, chances are, you're hearing an equipment test. Some stations, particularly those in the southeastern part of the United States, test with a telephone dial tone, pitched considerably lower than the usual tone. Several stations still ID in morse code, helping the monitoring company and the DX'er ID the station on a crowded frequency.

Several years ago, it was considerably easier to pick out an ID on a frequency check -- unfortunately, this is no longer the case. The usual period of station identification is right at the beginning of the test, and at the conclusion. A few stations still break in the middle of the test period for ID, but these are few in number, and seem to be decreasing rapidly. It is wise to consult the Inter-Club Frequency Check List for the period during which you intend to listen, and tune to the frequency of the desired station several minutes before the test is due to begin, in the hopes that you will catch the station coming on with an ID.

On the other hand, you'll hear pretty nearly everything and anything imaginable on an equipment test: music of all kinds, from classical to hard rock (some lovely stations play an entire side of an LP album, then flip to the other side and play it as well, all without one single ID!); endless open carriers (vis a vis WBZ/KDKA on a Monday morning); tones of various pitches ("London blitzkrieg" tones); station promos ("WDEN is everywhere"); fun and frolics at the transmitter site ("Hi, all you kiddies out in radio-land! Can you hear me? Ha, ha, ha"). As we can see, some of these practises are outlandish at best to illegal at worst, but these are the things that can be heard on pretty nearly any MM "experimental period" time slot. The duration of an ET can be anything from a few minutes ("Good morning! WKER Pompton Lakes testing. Good night!") to all morning long ("WKBA Vinton...we'll be here with you for the next four hours while we adjust our transmitter, so why not stay with us awhile...").

DX'ers on the east coast have a problem DX'ing frequency checks which is not only confusing and time-wasting, but annoying. Frequencies such as 1440 and 1240 which have checks listed for a certain time will almost always yield the proper 1000-cycle tone (during winter months), but not necessarily because the desired station has showed up. If the tone refuses to break after fifteen minutes of monitoring, and is still present an hour or so later, chances are you've got nothing more than a heterodyne from Radio Luxembourg on 1439 or France on 1241!

As for the art of verifying frequency checks, it is imperative that all times of tone-on and tone-off be given, plus exact wording of station IDs if possible. If no IDs are heard, it is not advisable to request verification from a "suspected" catch, as there is no verifiable information. Such tenuous loggings of tones could have been any one of a myriad of stations testing, particularly if on a graveyard channel. For further detailed information, see the Frequency Check List, available in NRC Reprint #L2 (64¢ pp to Members, 80¢ to non-members from NRC HQ).

Time for another NRC PB updater. Were still waiting on several new or changed patterns and hopefully we'll have these soon. Once they arrive and are properly scaled for use in the PB another updater will be published.

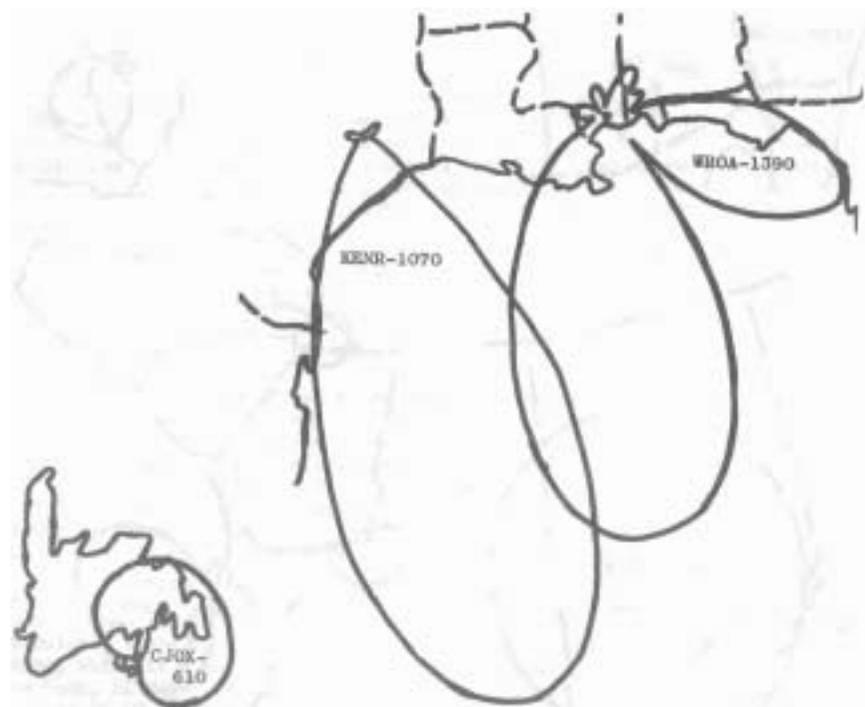
550 WKRC OH New night pattern--add to PB--300 mv/m.  
 KOY AZ nondirectional----add to PB  
 610 CJOX NF new 10kw night DA--add to PB--900 mv/m.  
 CHEN MB nondirectional----add to PB  
 680 WMSJ NC new night pattern--add to PB--300 mv/m.  
 690 KPET TX nondirectional----add to PB  
 810 CBQH AB new 50kw night DA--add to PB--900 mv/m.  
 930 CJOX NF new 25kw night DA--add to PB--900 mv/m.  
 990 KSVF NM nondirectional----add to PB  
 1070 KENR TX new 5kw night DA--add to PB--300 mv/m.  
 1270 WEIC IL new 500wt. night---add to PB--300 mv/m.  
 1290 KQUB AZ nondirectional----add to PB  
 1300 KROP CA nondirectional----add to PB  
 1380 WDAT FL new 1kw night DA--add to PB--300 mv/m.  
 1390 WBOA MS new 5kw night DA--add to PB--300 mv/m.  
 1410 WOTT NY new 1kw night DA--add to PB--300 mv/m.  
 1460 WPVL OH new 500 wt. night--add to PB--300 mv/m.  
 1470 CPEW MB new 10kw night DA--add to PB--900 mv/m.  
 WTKO NY new 1kw night DA--add to PB--300 mv/m.  
 1600 WKMP FL nondirectional----add to PB

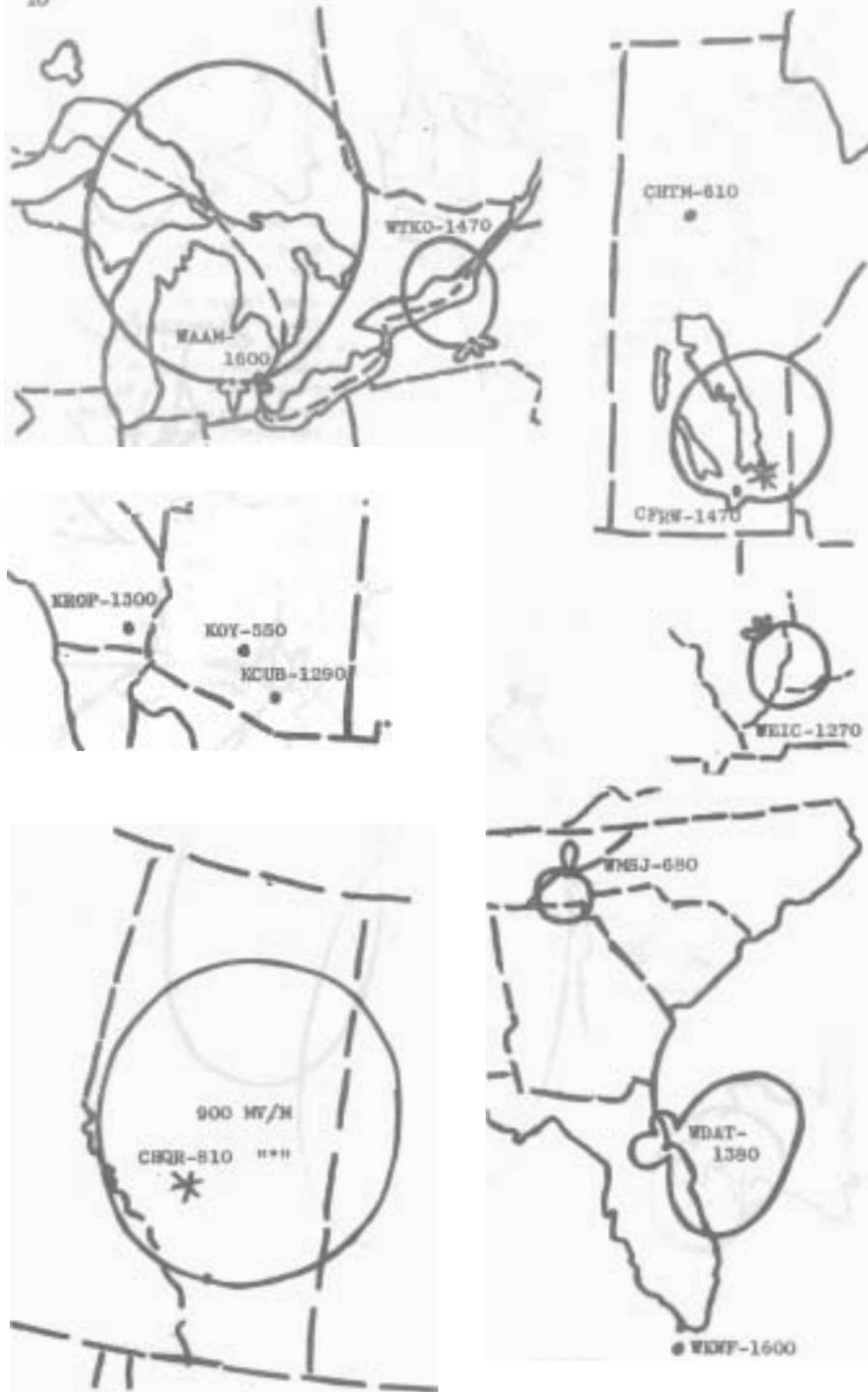
and delete the following patterns

710 CJOX NF now on #10  
 960 -CP- OH no word on this for several years--think was dropped.  
 KLAD OH Drop pattern shown, but has re-applied to operate nights.  
 1360 WQBS FL Drop pattern shown, was initial decision only.  
 1380 -CP- NH Think this was dropped..  
 1390 WEOK NY Drop pattern shown--application dropped

All additions/corrections, and general info should be sent to me at  
 960 W. Liberty St.-Girard, Ohio -44420

*Wen Boyd*  
 Wen Boyd





PROPAGATION.....

The following two pages are a reprint of an article which appeared in DX NEWS on February 19, 1972. In keeping with some of the comments made in our last feature on propagation, we are presenting this item again, as it ties in with many of our comments. Similar studies on this side of the Pond are discussed briefly in Volume 41, No. 20 (last issue). We again invite any interested DX'ers who may have detailed records of what Trans-Atlantic stations were audible on numerous occasions in recent years to submit same to headquarters. We likewise would be interested in hearing from anyone out there who might be interested in organising some Simultaneous Listening Contests for next season with these factors in mind, and selecting several likely frequencies and several unlikely ones for monitoring.

\* \* \* \* \*

ABOUT THOSE MYSTERIOUS CHARACTERS WHICH APPEARED ON SEVERAL ISSUES EARLIER THIS SEASON..... they were ancient Egyptian Hieroglyphs. Without going into too much unnecessary detail, these characters are primarily alphabetic (the ones we used) although hieroglyphs as a whole comprise alphabetic, phonetic and ideographic characters. In a rather rudimentary way, we attempted to take the Anglicised Arabic phrase used for ID purposes by Cairo Radio, namely "Huna al Qahira", or, "This is Cairo". (For the sake of simplicity, the translations used here are not entirely strict in nature). In Hieroglyph, vowels are predominantly absent, as they are in Arabic, which presented some problems, however, we persevered despite them. For these reasons, we found it expedient to omit the "a" sound of the "al" and likewise the very short "i" sound in "Qahira". This left us with the letters needed to convey phonetically, the gist of the "message", or H-U-N-A--L--Q-A-H-R-A. The transliteration system used for conversion to the Hieroglyphs was that used by Sir E. A. Wallis Budge, noted English Egyptologist, whose system closely parallels that of the original translator of the Hieroglyphs, the Frenchman, Champollion. Thus, we arrived at the symbols which appeared on the front page for several weeks. We took one liberty in the use of the same glyph for the letters "R" and "L", which, although entirely permissible under the Budge system, is quite confusing, but my inability to accurately draw the reclining lion which also represents "L", I took the easy way out, hi. But, enough of this trivia. -RjE



Page 14 shows a sample of a new Broadcast Service which is available to Industry or individuals who may be interested in obtaining a written history of a given station. The service is called "Broadcast Pro-file", and further information as well as a catalogue may be obtained by writing to BROADCAST PRO-FILE, BOX 982, HOLLYWOOD, CA 90028. We requested two samples of these "pro-files", and, in lieu of trying to describe just what is contained, we have decided to run one here in its entirety as a sample. Standard rates are \$5.00 for AM Pro-files such as we have obtained for WSJS-600, Winston-Salem, NC; \$2.50 for FM Pro-files; and \$10.00 for Custom Pro-files (stations not in the catalogue). Many of the stations listed are non-existent stations which have become deleted in one way or another. For those of you in college broadcasting curriculums, these might be a most useful resource for papers on early broadcasting, which is a most common paper topic (I know, I went thru that a few years back, hi -RjE). We also have a list from Broadcast Pro-file which shows the first 25 AM broadcast license grants in 1921, which we will make available by Xerox copy to members at standard reprint rates.

**THE MIDWINTER ANOMALY IS ALIVE AND WELL  
IN FINLAND**

\*Gordon Nelson.

In the concluding segment of our article Medium Wave Signal Paths we introduced the notion of the Midwinter Anomaly to explain certain observed patterns in the seasonal variation of Transatlantic MW DX receptions. The Midwinter Anomaly, a well-known but little understood phenomenon observed on higher frequencies, was suggested as the cause for some of the long term BCW reception patterns noted by the author and others since the last sunspot minimum.

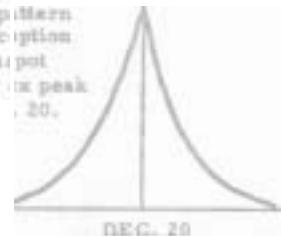
During the period of the last sunspot minimum (say 1962-1964), TA conditions began to recover from the effects of summer late in August and improved quite steadily month after month until they reached their peak during the darkest days of midwinter. Since MW signals are very strongly absorbed in passage through daylight regions of the globe, it seemed obvious that conditions should regularly peak around December 20th when the number of darkness hours over the North Atlantic reaches its maximum. Back in the years of sunspot minimum this indeed seemed to be the case. As the years went by (and we began to understand the effects of the aurora) it appeared to us very much as if TA conditions actually got worse during the midwinter period instead of reaching the expected peak. Since many of these periods of inexplicably poor midwinter conditions also featured very low geomagnetic/auroral activity it seems to us that there was something subtly amiss with our understanding of the factors controlling midwinter MW DX conditions...

After a lot of research and digging into the literature it appeared likely that a well-known ionospheric idiosyncrasy of unknown origin called the Midwinter Anomaly could be responsible for the pattern we'd been observing. While the MWA had never before been suggested as a factor in MW long-distance propagation, we proposed that it was responsible for the midwinter "dry spell" in good TA conditions which has become all too familiar during the past few years. Ionospheric research using a variety of techniques has shown that the MWA is absent during the years of minimum sunspot activity and most conspicuous at sunspot maximum (such as we've just gone through). Based upon what is known of the MWA through techniques such as rockets, sounders, riometers and the like, the following diagrams should roughly show the difference between the quality of TA reception during years of sunspot minimum and maximum.

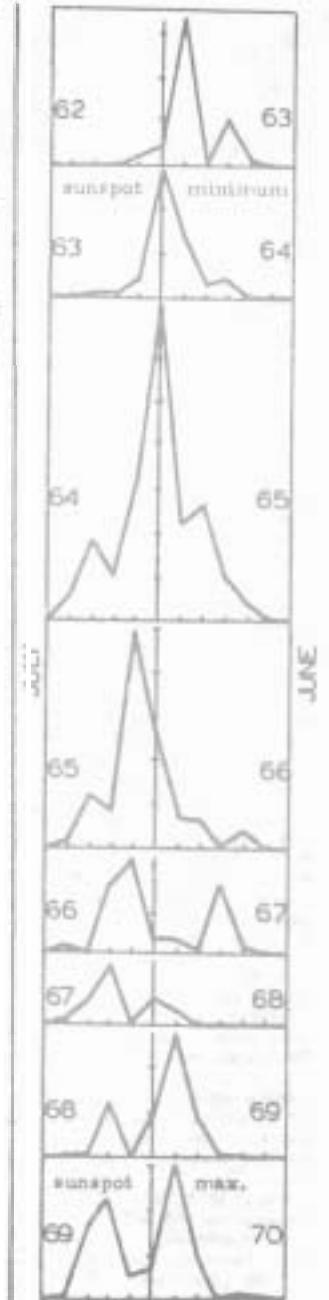
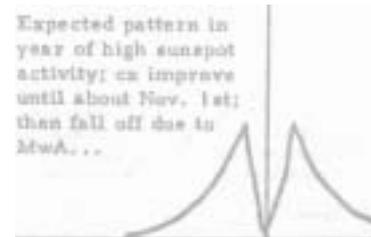
During sunspot minimum when the MWA is absent, conditions should improve steadily (neglecting temporary auroral disturbances) until midwinter and then begin to fall off. Best conditions should definitely occur during midwinter. In the years of sunspot maximum, however, conditions should improve until about the beginning of November when the Anomaly begins to appear; by the middle of winter conditions should be thoroughly "anomalous" after which they should then begin to improve. Thus we expect a double-hump in the quality of average TA conditions in the years of sunspot maximum, and a single peak at midwinter at the bottom of the sunspot cycle. Bear in mind that we are speaking in terms of averages and are neglecting auroral/geomagnetic effects.

BELOW: Expected patterns in quality of MW TA DX reception for sunspot minimum and sunspot maximum. RIGHT: Monthly average of the number of North American stations heard per night in Finland as tabulated by members of the Finnish DX Club SDXX. While the effects of auroral disturbances produce some occasional "dips" in the graphs at odd times, it's pretty clear that the expected single peak to double-peak pattern in both years of sunspot activity does indeed seem to occur. The graph for 1962-1964 corresponds to the last sunspot minimum that we know of (1959-1970 is a typical sunspot peak year). One interesting aspect of this graph is that in the first half of the year the quality of the reception of the MWA is very poor, a characteristic of sunspot minimum.

Expected pattern in TA reception during sunspot minimum; six peak, DEC. 20.



Expected pattern in year of high sunspot activity; conditions improve until about Nov. 1st; then fall off due to MWA...



# BROADCAST PRO-FILE

P. O. BOX 781  
HOLLYWOOD, CALIFORNIA 91222

STATION F

WSJS

National Radio Club

The Winston-Salem Journal-Sentinel Company of Winston-Salem, North Carolina, received authorization to construct and operate a new broadcast station in August, 1929. Call letters assigned were WJZ. WJZ was assigned 1310 kilocycles with a power of 100 watts, and was installed in the licensee's newspaper building (built in 1927) at 416-420 North Marshall Street, Winston-Salem. On October 2, 1929, before going on the air, WJZ received authorization from the Federal Radio Commission to change call letters to WSJS, signifying the publishing company's two newspapers, "The Winston-Salem Journal" and the "Twin City Sentinel". On Thursday, April 17, 1930, WSJS made its debut on the airwaves, using an RCA 100 watt transmitter atop the Journal Building.

Station Manager by September 1931 was Norris L. O'Neil. By 1933, the station's slogan, used both on the air and off, was "The Journal-Sentinel Station". By 1935, WSJS became an affiliate of the Columbia Broadcasting System network.

The Winston-Salem Journal Company, as well as its WSJS, were sold on July 30, 1937 to the Piedmont Publishing Company. The sale of WSJS was approved by the Federal Communications Commission on May 1, 1937. Publication of the two newspapers, under common ownership with WSJS, continued under the new ownership. Gordon Gray became President of the Piedmont Publishing Company in late 1938; concurrently Norris L. O'Neil was appointed General Manager of WSJS.

Power of the station was increased from 100 to 250 watts in 1939. Also in 1939, WSJS switched affiliation from CBS to the NBC-Red Network. By 1940, the station installed a new 375 foot Lehigh vertical radiator at its transmitter site at 420 North Marshall Street. In 1940, WSJS was granted permission to change frequency from 1310 to 600 kilocycles, and to increase power from 250 watts to 1,000 watts. On March 29, 1941, WSJS switched to the 600 kilocycle dial position. Power was increased to 5,000 watts (in lieu of the previously authorized 1,000 watts) in 1941. WSJS, concurrent with the power increase, moved to a new transmitter site near Winston-Salem, and moved studios from 416-418-420 North Marshall Street to new quarters at 419 North Spruce Street.

Harold Essex, with WSJS since 1939, was appointed General Manager in 1942, but, in 1946 became Vice President and Managing Director of the station. In the mid-forties, WSJS installed a new directional antenna system, and began operation with two different patterns for day and night use. Studios by 1951 were located at 419-421 North Spruce Street. Chief Owner Gordon Gray was replaced as President of licensee Piedmont Publishing Company by W. K. Hoyt in 1957, but, in 1958, once again became President of WSJS's licensee. Mr. Gray resigned in the late fifties to pursue other business interests.

On May 1, 1967, WSJS was transferred to the Triangle Broadcasting Corporation, a wholly owned subsidiary of the Piedmont Publishing Company. Upon completion of this transfer, Harold Essex became President and General Manager of WSJS. In 1968, studios were moved from 419-421 North Spruce Street to a new radio-television structure dubbed "Broadcast House", which was located at 700 Coliseum Drive, Winston-Salem.

Multimedia, Inc. acquired WSJS in October of 1972. This sale (along with WSJS's FM and TV adjuncts) gained FCC approval on September 7, 1972. On April 11, 1973, William Harold Essex, known at the station as "Preacher", died at age 68. He was President of WSJS's earlier owner, Triangle Broadcasting Corporation, and General Manager of WSJS.

Today, WSJS, North Carolina's seventh oldest continuously licensed broadcast station, operates on 600 kHz with 5,000 watts (separate directional antenna patterns for day and night operation), from studios at "Broadcast House", 700 Coliseum Drive, Winston-Salem, North Carolina, and continues as an NBC Radio Network affiliate. Licensee is Multimedia, Inc.

RESEARCH IS NOT GUARANTEED. NO OTHER PROFESSIONAL RESEARCH EFFORT HAS BEEN MADE TO OBTAIN AN ACCURATE PROFILE. PERMISSION GRANTED FOR REPRODUCTION.

## VERIE SIGNERS

550	W Kq R C	D. Frantz, ESu	C	1250	W Tpm A	u/u, DoE	I
560	W FR B	R. Adams, E	D	1270	W CR L	R. Molnar, PD	J
	W Of O	O. Lanman, CE	C		W VK Y	J. Daniels, E	A
570	W Vp M I	R. L. Hunter, CE	C		K F B D	M. Finn, M	A
590	KfL Bmj	J. C. Kellan, CE	C		K I M L	R. Luth, CE	AE
600	K Tp B B	T. M. Graham, PD	C	1280	W Aq D O	P. E. Greenstone, CE	G
630	W Ap V U	T. Giles, SM	C		W I P C	T. N. Thornburg, GM	J
680	K K Y X	P. Blakeley	G		C Jq M S	u/u	J
	W W B A	E. T. Gorman II	G		W K S T	u/u	J
690	W E L D	E. B. Allen, CE	C	1300	WmM Tpn	J. Potts, PD	C
	C Bq U	u/u	I	1310	C Kq O Y	S. Harrison, CE	J
710	W Rp O M	M. Fitzner	C		W Br F D	G. B. Ritchey, M	D
	K Gq N C	D. H. White, E	C	1300	W M V O	D. Talbot, CE	A
	W D S M	C. G. Williams, E	I	1320	W Vq O J	G. Yacuzzi, CE	G
	K Iq R O	D. Hubert, CE	HI	1330	W F I N	E. C. Smith, CE	I
730	W J M T	W. Smith, CE	A		W Pq O W	E. Smith, CE	I
	W Ip I L	A. Breazeale, TD	C		W Rp I E	K. Husband, CE	I
	C H I R	u/u	D		K C L M	R. Jennings, PD	F
740	K Cf M C	H. C. Jones, CE	C	1340	W R G A M A	C. C. Hall, CE	C
770	W Aq B C	W. R. Loyd, CE	G		W O O K	J. Hofstetter	D
780	Z B V I	L. N. Mills, M	G		K O C Y	P. W. Cinnamon, CE	J
790	K Uf L F	N. N. Sartain, CE	C		K Xq E O	D. Davis, CE	I
780	W Af V A	W. Ashley, CE	B	1350	C K L B	W. C. Marchand, VP	J
800	W Hp O S	L. C. Blizzard, VP	C		W C A I	R. M. Moore	G
840	W M O B	R. G. Savell, C E G	G		W K L X	G. J. Gabriele, CE	G
850	W Bq E U	R. A. Schlottman, CE	B	1370	WfC Opa	R. Bell	C
860	W D M G	S. Karpik Jr. CE	H	1400	W Wq I N	L. Karns, CE	I
	W F M O	R. Fee	D	1410	W U N I	J. C. Burns, CE	I
870	W Ff L O	J. D. Wilson, M	B	1430	W Bq N O	G. Gregory, CE	C
890	W Hp N C	J. M. Simpson, CE	B	1440	W A Y K	M. Hoppe, CE	G
910	W J C W	E. L. Bryant, VPOp	G	1450	W S M G	J. P. Gauceman	I
	W O K K	L. Williamson, OpM	H	1460	W Af C O	J. Vinson, CE	I
920	W P T L	C. Hannah, PD	A	1470	W Rf G A	M. M. Payne, GM	C
930	W J A X	E. E. Haralson, CE	G		W Kq M F	J. E. Taylor, E	E
	W Mp G R	M. Petter, CE	C		W Fq A R	S. Aron	J
940	K Tp O N	K. L. Sullivan, Nx D C	C	1480	W L E E	T. Kita, OpM	I
960	W J C M	H. G. Corbett, CE	G		W L E A	R. Goldberger, M	D
970	W Jr M X	F. A. Jenne, TD	D		W W K O	R. Morgan, M	D
	K Af U S	J. F. Jones, VPoE	H	1490	K S Y C	T. Brackley, A	E
980	W Kp L F	P. W. Davis, CE	C	1500	H I J X	Manuel de J. Thomas, B,	G
	K F M B	D. Parker, CE	H			Dir.-Prop.	G
990	W Nf R V	J. R. Boulte, CE	K	1510	K Iu R V	R. Dragavon, PD	J
	W Nq O X	J. R. Maples, CE	C	1520	K Mq P L	E. J. Alexander, CE	I
	K R M O	J. Helmkamp, CE	H	1530	W B C W	Mrs. Verna M. Calisti, O H	H
1000	W Q T Y	W. Maxwell, A	G		K W L A	R. Charles, PD	I
1020	K Sq W S	L. Taylor, CE	F		W Rm B X	J. E. Hughes, CE	DK
1030	K Tq W O	D. L. Peck, CE	F		K Pfc R	J. P. Salois, CE, GM	HK
1040	K Pp B C	D. Benware, PD	C		W R I Z	Lizabath Reynolds, OpM	G
1050	W A C R	R. Barreison, Mx D	C	1550	W Yq N A	E. Steinberg, CE	I
1060	W R M F	L. Josephs, ProdD	G		W Mno O	J. Norton, CE	K
1090	X E Pr R S	B. Taylor, PD	C	1560	K Gm H O	W. Hardy, Trf Su	E
1100	K R E X	R. Maynard, M	F		K Tp U I	D. E. Schmidt, PD	C
	q	(S. Schmidt, PD	F	1570	WfS Sma	L. Reed, PD	C
	q	(M. Shafer, CE	F		K Op L S	L. L. Gaffaney, O, CE	C
1110	K P O P	G. L. Prokop, CE	F		W Tm Q X	u/u	D
1140	K Lf U C	(J. DeAngelo, CE	I		K M C D	R. L. Sherwood, GM	J
	p	(G. S. Foy, Ste	I		C Kf L M	H. Paradis, PD	J
1150	C Jq R C	G. Sondermeyer, CE	J		C H L O	J. L. Moore, P, GM	J
	N D B	R. L. Kocher, DmM	G	1580	K Z I A	M. J. Santullo, Nx	H
Kfs AmL	D. A. Englehardt	C	C		W E S Y	M. Abraham, GM	I
W B A G	R. James	D	D		K E S M	J. Halbakken, CE	J
Z N S 2	S. J. Hepburn, CE	G	G		W Ar X U	R. E. Johnson, CE	C
W E N K	T. L. Hailey, O	H	H	1590	W W U N	R. Martin, PD	H
R T A	J. T. MacAlearney, CE	I	I		W S W W	R. J. Bodden, P, GM	H
K Ar K E	P. Gunn, VP, SM	C	C		K T C H	D. Langston, E	J

# WASB - AM

1200 KCS.



103 HARDING ROAD  
GLEN ROCK, NEW JERSEY 07452



AMERICAN STANDARD BROADCASTING  
201-444-2204

103 HARDING ROAD  
GLEN ROCK, NEW JERSEY 07452



AMERICAN STANDARD BROADCASTING

Mr. R. J. Edmunds  
P.O. Box 291  
Hawthorne, N.J. 07507

Dear Mr. Edmunds:

Many thanks for your telephone call on July 24, 1969. Because of your interest we were able to correct the problems under which you received our transmission.

Immediately after our conversation, transmissions were ceased and a careful engineering check of our transmitter was made. It revealed an electrical short between the final plate and the B+ power supply, thus an increased power factor of 20 to 30 percent was experienced. Also a direct connection to the grounding surface was discovered allowing extra radiation. As of this writing, both are being corrected.

Enclosed please find a technical sheet of station data.

Once again, many thanks for your interest. Hoping to be in contact with you soon, I remain,

Sincerely yours,

Bryan Jackson  
Chief Engineer, WASB radio

*"Serving The Quad Cities"*

Mr. R. J. Edmunds  
P.O. Box 291  
Hawthorne, N.J. 07507

Dear Mr. Edmunds

This letter will serve as verification of your reception report of Radio WASB. Checking with our logs, your information has been found to accurate, with our program schedule. We are therefore pleased to confirm your hearing us on Thursday, July 24, 1969 between the time of 1830 and 2015 EST. Below you will find technical station data that might interest you.

#### WASB TECHNICAL INFORMATION

TRANSMITTER: LAFAYETTE KT-195  
AUX. TRANSMITTER: LAFAYETTE KT-195  
ANTENNA SYSTEM: TEN (10) foot length of #20 wire 17 feet above average terrain. ANTENNA IS END FEED FROM XTRM.  
POWER OUTPUT: BELOW 100 MILLIWATTS  
POWER INPUT TO FINAL PLATE: 100 MILLIWATTS  
FREQUENCY: 1200 kilocycles ; CRYSTAL CONTROLLED  
STUDIO FACILITIES: TWO STUDIOS; ONE MAIN PROGRAM STUDIO, ONE NEWS/ANNOUNCER BOOTH.  
EQUIPMENT COMPLIMENT: TWO GENERAL ELECTRIC BROADCAST TURNTABLES, EQUIPED WITH PICKERING P/AC-1 CARTRIDGES.  
TAPE RECORDERS: 1 - Roberts Model 720  
1 - Concord Model 994  
1 - Craig Model 212  
ONE LAFAYETTE BROADCAST MONITOR -Model LR-300  
ONE CUSTOM BUILT AUDIO CONSOLE, EMPLOYING:  
2 - Transistorized pre-amp/mixer units- LAFAYETTE Model 99t4535  
1 - Power amplifier- Heathkit Model AP-24  
MICROPHONES: 1 - LAFAYETTE Model 77  
2 - ROBERTS Model F-7d  
4 - CONCORD Model WM 2010H

*"Serving The Quad Cities"*

editor.. Ernest R. Cooper  
438 E. 21st St.  
Carrier Route 58  
Brooklyn, N. Y. 11226

## musings of the members

**BILL ANDRES** - 351 Union Street - Springfield, Massachusetts - 01105  
Old floor model radio turns out to be a Bendix 1525-U, AM-FM, w/a 10" speaker - on the floor. Hard to listen to, so it's relegated back to just 1510-1600. Sat. AM 3/2, I got home from work, spun the dial superficially, and spent a half hour listening to the most enjoyable SS DJ I can recall, R. Clarin, with the jock talking up records so tight that, in the words of Boss Bill Ross, "You couldn't stick a pin in them." Sunday SSS I was surprised to hear WFLN o/ all on 900, just as loud as in NYC. MM 3/4, the Zenith lost its virginity and received its first split, R. Paradise-1265. This'n must have boomer in on better sets. Tape sent of 12:25-12:50am. WEED testing on 1390, ID @ 1:17. Mystery, station on 1330 (FP?) plahing cl mx, o/all, & I thought it was WEVD, but apparently s/off @ 1:03, after playing two logos with a "Yellow Bird" melody. No discernible anthem. Who, please? I was listening to a CBS editorial on 1390 when boom! "This is WFMJ, Youngstown, Ohio". No warning, no tone, just the ID @ 2. SS on 540, in louder ater I reversed the loop and used the eight turns for the antenna. Jock (and even the jingles) said (and sang) "Or-iz-on-tay." IDXD lists "R. Horizonte" HJKA. Same one, huh? One other SS mystery: 620, s/off @ 11:50pm, mentioned Santo Domingo. Totals now 179. 34s.

**CHARLES REH** - 34 Garrison Avenue - Leamington, Ontario - N8H 2P2  
Since last report: 2/4- WEMJ-1190 P.R. w/R. Rock IDs & U.S. Top 40, 1:07am, mixing w/HJCV; KGRL-940 Ore. r/c-TT 3:20am u/KIOA. 2/11- KNIE-1530 Wyo. logged for call change o/u KFEK 2am. 2/13- WSMO-1560 Md. w/ET/mx/OC ending @ 3:32am. 2/18- WCJW-1140 N.Y. ET/TT/OC 12:32am; Anguilla-1505 DX starting @ 2:30am, bothered by 1500 and 1510 TTs. 2/25- WKBK-1220 N.H. TEST 12:49am with only the CW IDs making it; WOWL-1240 Ala. 2:47am w/rr; KCLS-600 Ariz. s/off 3:07 w/s/off announcement AFTER SSB; KPOF-910 Colo. w/"Mx through the Night" (religious mx) 4:23am in the clear. 2/26- CBQ-800 Ont. s/off 1:08am EST, CKLW off until 3:15. 3/2- KZEY-690 Tex. ET/mx/TT/OC 5:18am w/CBC null and o/WTIX, no sign of XEIRA; WDDY-1420 Va. r/c-TT u/WHK 5:32am. 3/3- CEKI-1110 Ont. w/CBC NX // - CBL 1:05am w/WET off. 3/4- "La Hora Nacional" noted on 930 @ 12:23am, only one listed is XEU. KWPM-1450 TEST not heard and WSAI went off @ 2 when their DX was supposed to start. CHLO-1570 is off AN; s/on is 6am, s/off is lam Mon--Thu., 2am Fri. & Sat. Not sure of Sunday s/off time. CHLO times are EST. 73.

**DAVE SCHMIDT** - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720  
And away we go with a can of Dr. Pepper in one hand! DX: 2/25- WERT-1220-TEST weak u/WGAR OC/CHSC/SS 12:08-12:18am w/all kinds of stuff. KGMO-1550 2:40-2:53:35am w/ET-rr, strong, but fading deeply. I missed WKBK; I thought they were on 20 minutes earlier, blah. 2/26- WVA-1550 6:14-6:31 w/assorted things, daytime regular hear. 2/27- WIAN-1390 1:15-1:30pm w/little WAMS splash. Past reports to them have gone unanswered, 'twas another try and it worked. 3/3 brought WNRV-990 ET w/TT o/WNOX/WIBG etc. 1:16-1:50am, doing nicely. 3/4- WEED-1390 1:31-1:42 w/OC ET IDs every minute or so, WFMH-1460 ET/TT 1:02-1:18am, and another try at WINE-940, bagged on ET w/rr 2:24-2:32:15am. Funny thing about WFMH, fellow that just hired on the railroad and who is working with me went to college at Cullman, and was quite shocked when I told him I got it here. He said you couldn't hear them ten miles out of town. V/ls back from WCNX-1150 & WIAN-1390, both quite friendly. WIAN verie, when I mentioned past reports had gone unanswered, brought the comment that it could have been due to "inept secretaries of that great American rip-off, the Post Office." Remember, the 10¢ you use helps pay the wages of the IDXD editor, hi! All the rest of the stuff to Homer. Is Bob Fischer still around since his move from the area? That should do it for now, so 73s.

LET'S SEE MORE MUSINGS FROM MORE MEMBERS! DOUBLE SPACE, PLEASE! MUSE!

**BILL ANDRES** - 351 Union Street - Springfield, Massachusetts - 01105  
If reception this past MM 2/25 on the auxiliary floor model RX is any indication of its immense potential, I may bounce the Ze ith down the steps again to improve its reception. And then leave it there. The floor model gets all sorts of splits like 1190 860 and 1260 (splits?? -ERC) which the Zenith doesn't get because WSPR's sticks are about 30' away. Sunday eve 2/24, warming up for WGAR to go awah, WCHE o/WKWB, easy log 6:15-6:28. Later on, YVOZ-1200 w/WQAI, 11:38-11:58. WGAR s/off @ 11:59:20. I tried for WERT, but I can't count 'em, even if it was they with code IDs @ 12:06:45, etc. WKBK's TEST was in, lot of Beatles mx, & code IDs after every song. It took me till 1:03 to ID them. They come in here better by day! They were buried by CKCW, CKSM & WGAR's outbursts. Later on on 1220, a potential goodie which I'm counting if it was on: WGAR IDed testing @ 3:03, then, right on its heels, I heard a test ID with MIAMI mentioned. Drool. I hope they were approached by the CPC. I couldn't chase them further, because WGAR spilled its lk TT all over the channel. I also caught SS w/"Mexico" on 1220 @ 3:02. AllI have in the way of a foreign log is eight IDKDs. Latest one shows XEB, Radio Mill, on 1000 - who are they? I heard XEJR -1030, R. Centro, 1:50am. Mystery here - I heard CBS NX on 1560, YL, then a guy s/off @ 2:07, no SSB. Said back on at 6. No CBS listed on 1560 - help? Totals rise to staggering 158. (XEVI is the 1560 CBS, Bill! -ERC)

**BILL FAIT** - 346 Walworth Drive - Cleveland, Ohio - 44132  
I was just reading "Sun, Earth and Radio" by J. A. Patchliffe. It's a good book for answering everything you always wanted to know about propagation, but were afraid to ask. Now I'll list my DX: On 2/21L nullled WFBL for WNUO-1390 w/PSA and local NX @ 12:30am. I had a strong opening to the S on 2/23 with Cubans all over the band including a paralell broadcast killing WMAQ-670 and CEF-690. CBM-940 was getting ruined by XEQ. On MM 2/25 on 1220 WGAR had an on/off OC w/voice announcements every little while. Under them I heard CHSC long enough for report w/c/w until 1:58 when KOFO went over them, giving address in Kansas and requesting DX reports. At 2:40am I got an excellent signal from KGMO-1550 which was off/on w/rr, TT & jingles, enough for report. Why don't some of you propagation experts out there write an article on why shorter skywave reception (around 200 miles) is so often un-nullable? 73. (Thanks for the kind words, Bill! -ERC)

**CHRIS IUCAS** - 89 Round Hill Road - Fairfield, Connecticut - 06430  
This will be my last Musing for a while as I have a few months of active duty coming up with the Army Signal Corps at Fort Gordon, Ga. February DX: 2/1- WPEL-1250 Pa. @ 6:45pm s/off. 2/11- WCHL-1360 TEST heard @ 3:02am, verie received. WWRL-1600 was off this AM allowing new logging KATZ-1600 Mo. @ 4:01am. There was QRM from unnn WKEN ET & an unID. I thought this unID had WERT NX, which someone in DX NEWS recently said KATZ had. MM 2/18- WTIV-1290 Pa. TEST received OK o/u WKBO rr @ 2:40am. WCOU-1240 Me. quite easy o/looped WGBB pest @ 2:46am. MM 2/25- No WERT TEST noted here, much too much QRM. CKSM-1220 Que. logged in FF @ 12:07am, dominating frequency. Unn WKBK TEST was very difficult I heard very little besides code IDs. Verie received. CJSS-1220 (unn) noted w/EE rr programming, s/off 1:03. CKSM went off a bit later, leaving CHSC-1220 c/w EE & XEB-1220 SS, plus intermittent WGAR ET. I forgot 2/21 SSS - WFRB-560 Md. o/all @ 6:30pm, s/off 6:45. CFOS-560 Ont. @ 6:36pm briefly. CFOS heard day earlier at same time much better but no ID heard that first day. 2/27- SSS WBUC-1460 W.Va. easy @ 7 s/off, after I noted WSLW-1310 doing well @ s/off. Digging on 1000 hoping to find WRYZ Fla. I came up instead w/WREM Ky. @ 7:15 s/off. I didn't even know they existed, hi. 2/28 SSS- Very good, w/strong signals from EC Fla: WOBS-1360 Fla. w/screamin' soul @ 6:44pm on top. WFMF-1060 up-MoR @ 7:11 pm o/KYW u/het w/mention of Fortune Fone Contest. Unns WWCK-1260 WFUN-790 WLKY-1380 were all quite dominant on their frequencies. MM 3/4 saw nothing new here, WJNO-1230 Fla. was on top, & it's been quite a while since they've made it through the QRM here. Cuba-630 seemed off this AM, WPRO on top & unID EE u/them likely WMSL. Cuba-640 was I&C. 73. (The best in the Service, Chris and we will sorely miss your Musings, which have been among the VERY BEST in this section for quite some time! -ERC)

PLEASE BE SO KIND, SILENT ONES, AS TO BEGIN TO MAKE SOME NOISE HERE IN THIS SECTION! DEADLINES EVERY TUESDAY. PLEASE BE SURE TO DOUBLE SPACE!

(James V. Hagan, con'd)

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Hank Wilkinson Jr. - 6620 Beeman Avenue - North Hollywood, California  
I retired from General Motors on 2/28 after 25½ years. I expect to resume foreign MW DX fulltime within a few days. I haven't been at the dials very often in the past two years. I have added only 57 foreign veries to my group since 1965. I am having the HQ-180 checked over 100% this week. I will pick it up before the weekend. I hope to add a Collins 390A or 51J to my den this season. The newer receivers just don't have the 'stuff' for good foreign MW DX. Most recent verie is from "R. Colosal-1005, Neiva, Colombia, and most recent report is out to ZYD65-1180, Rio de Janeiro. Now that I have the time I would like to offer my services to the NRC for some activity that they feel I could or would handle. Please feel free to contact me. Also you old-time foreign DXers - let's hear from you again. 73.

MIKE COLLINS - Apt. 506 - 600 Asylum Avenue - Hartford, Connecticut - 06105  
Hello all. WWDJ-970 Hackensack, N.J. has become the latest station to cease 24 hour broadcasting. WWDJ now operates 5am to 1am weekdays and 6 to 1 Sat. & Sun. As with WPIE & WICC, the reason WWDJ has shortened its hours is economics, not the energy crisis. I note someone has applied for 890k at Saint George in extreme SW Utah, propposing 50kw/10kw D/N. This is the last of the Class II-A channels which was available. All the other channels were taken back in the 60s when the Class I-As were first broken down, & all the others are now in operation. For some reason, no one applied for 890 for almost ten years after it was assigned to Utah. The big news in baseball & radio this year is that the Los Angeles Dodgers are no longer with KFI-640 and are switching to KABC-790 as their new flagship. Also, the Texas Rangers are switching from KRLD-1080 to WRAP-820 this year. Not too much DX lately, except to note Sunday 2/24 around 8 pm KOMA was tearing up WKCW here in Conn., & at times was completely on top. When KOMA switched to its DA, it was still noticeable underneath. I guess it shows that the extreme directional patterns WKCW & KOMA and other Class I-B stations use at night are needed. For some reason, WWRL-1600 N.Y.C. seems substantially louder in Conn. at night, both in Hartford & along the coast. Maybe they have altered their night pattern. Today (1/8) (?? -ERC) the new owners assumed control of the WTIC stations in Hartford, which have been sold by the Travelers Insurance Company. WTIC-1080 & WTIC-FM were sold to a group headed by WTIC GM Leonard Patricello, for \$6,000,000. WTIC-TV becomes WFSB-TV & is now owned by the Washington Post (WTOP, WCKY, et al). Sales price for WFSB-3 was a staggering \$34,000,000, a lot of money for a TV station in a city of 150,000. 73s.

JON E. PEARKINS - 6137 Service Street - Burnaby, British Columbia - V5H 1V7  
Hi! I just got my WRPH and noted two errors at first glance: CKVN is CFUN and there is no longer any Pacific Time Zone in NWL. The Yukon/NWT border divides Yukon Standard Time (GMT-9) and Mountain Standard/Daylight Savings Time (GMT-7/GMT-6). This was changed around 1971. The reason is because Edmonton supplies most media (e.g. - the Northern Service is fed from Edmonton CBC) and being on the same time zone makes life easier - saving special tape delay systems. But things look really screwy in Mid-Summer when places like Taktoyaktuk and Inuvik - both W of Vancouver - are on MST and the midnight sun effect (trying to set, but not quite making it) occurs around 3am local time.

JAMES V. HAGAN - 896 Port Malabar Boulevard - Palm Bay, Florida - 32901  
I stayed up MM 2/18 for the Valley DX Test. I quickly discovered it didn't start on time as 1505 was completely clear without excessive side band splash. I tuned for other TESTs that morning but no luc, & kept returning to 1505. Finally @ 2:44 The Valley was heard with surprisingly good signal. I got a good tape and 45 minutes of log on them. I didn't notice the low audio mentioned by RJE. I even heard them w/my Phillips portable in ferrite rod antenna. On 2/25, listening on 1220 w/WGAR supposedly off was a big disappointment. It looks like WGAR suspended RS but continued to test making the channel useless most of the time. I could hear R. Quince beneath them at times easily & caught CW ID for WKBK @ 1:07 on TEST. Nothing else. Also heard were WNEB-1260 @ 12:35, R. Capitai-1125 @ 1:23 good, almost forgotten. I also caught ID for CHSC-1220 w/CW beneath WGAR & R. Quince. This announced as St. Johns but probably NB, not DX TEST. On 2:30 WBLR-1250 good. Tuned to 2:37 to check CW & copied NB beacon. On 2:50 WABC good @ 2:41. WMBR-1250 @ 3, B. Nacional-1050 @ 3:02. I couldn't determine location. WBLR TEST not heard. I don't believe it was on as R. Nacional was in clear & not strong enough to cover channel.

3:35am, down to 540 for WYLO TEST. This one heard good & got 25 minutes' log on them. I tried to call but found out later I had the wrong number. On 3/4 @ 9pm I copied WIBS-5 St. Georges, Grenada briefly w/BBC World Service NX & having heavy sideband slop from 540. On 3/6 I tried for them again @ SSS about 8pm when I thought 540 slop would be less. All I could hear was carrier but I got tentative logging of Algeria-533 w/AA chanting instead. No ID heard, though. I will have to stick with this one some more. I am working on my FET AA Loop per NRC plans. It is ready for winding wire now. It is exactly same as the plans except for method of mounting which I believe is an improvement over the original. Looks like this was not so short a Muse after all.

RON B. SCHILLER - 1951 N.E. 28 Court - Lighthouse Point - Florida - 33064  
Veries: WFSB-1430 CM, WVCF-1480 v/1, WAIG-1590 returned f/up with my stamp, WFIV-1080 v/1, CM, bumper sticker, etc. & said on 50 watts! when I heard 'em!, TIJC-675 v/1, HJKA-540 v/1, & WNEW-1130 v/q, #1 out of eight reports to N.Y.C. stations and all v/qs! 2/25- RJR-720 strong @ 6:25 but unn. HIJP-1010 very strong 6:28-6:43. 2/26, unn RJR-550 dominant @ 6. HIJZ-730 6:27-6:41 w/"informas"; strong over another SS. TIJC-675 "Sonora" s/on 7-7:31, v/1 back in nine days! 2/27- YSC-1015 7:18-7:32 "R. Internacional" fair & clear, WFIV-1080 7:41-7:53 o/u WKLO/KRLD but no sign of local WVCG on their night pattern. 2/28, the 1345 SS that is often heard s/on @ 6, maybethe Ecuadorian. 1135 had the TG station circa 6:30 but very weak. Unn WSUZ-800 booming in @ 7. 3/1- HJJE-900 atop @ 4:30. UnID SS on 975. 3/2, I took a log on WNEW-1130 when I discovered I'd never verified them, 7:21-7:35. 3/3, after many tries, WNYC-830 s/on @ 7 & copied for a couple of minutes w/o WCCO/HJIB (thanks ERC for info). 3/4-7 a blank, due to being in Houston again. 3/8, unn WBAR-1460 atop @ 6:15, first time heard since the 50s back in N.J. when I heard 'em on an early Easter s/on 3/9- WFSO-570 6:56-7:10 w/the Cuban off, & o/WFAA. Cuban ETed for a moment but obviously was having XR trouble. 3/10- HCEB1-735 "R. Melodia" Quito s/on 6:56, oddly, in both SS & EE, fairly weak. YNP-1115 7:26-7:44 w/light in the sky! I enjoyed reprints on Beverage antennas, but unfortunately, the only beverages on this property are Budweiser and Seagram's Gin. 73. (I'm with you, Ron! -ERC)

KARL JETER - 109 West White Street - Carrollton, Georgia - 30117  
Greetings, there! Looks like Spring is here to stay - with the heat, flows, and streakers around here, I'd say that's very true. Also, time has been limited and not good anyway, so I have been busying myself with some daytime DX, and with some f/ups, both with good results. First, though, DX since 2/25: 2/27- KWMT-540 w/excellent signal @ 7:42-7:45 w/c/w & s/off. 1/3, I sent report to WOKK-910 even though I have v/q from old WCOO-910. I was busy 3/4 with some SRS, when 1510 opened up & I got three new ones w/WIAC: KAGY @ 8:59 am w/c/w, WELB poor @ 9:36 & WEAL @ 9:40 w/Black mx. 3/6- WFMH-1460 @ WXOK-1460 fighting it out @ 7:20pm, also I heard an FF, CJEC-860 for taped report, as my FF is bad anyway, hi. Finally, 3/10-11 I used my AM-FM RX & got WRMA-1390 which I had never heard on the DX-120. Anyway, back to the f/ups I mentioned: WILL-580, KMX-1070, KHGW-630 & WMOB-1480 (w/new address, Box 2098, Memphis, Tenn. 38101) all received. I am still waiting on WBRJ-910, WGTG-540, KRVN-880, WHIE-1320, KFH-1330. Other veries received: v/c- WQTX-1570 WHIN-1010, WEAC-1500, KXOL-1360. (V/q, no? -ERC) v/1- WHEB-710 KYAL-1600 WLPF-1480 WCHL-1360 for TEST 2/11, WHIT-1480 & nice v/1 from WYLO-540-TEST. I will be re-entering West Ga. College 3/25 so I imagine DX time will be more limited. 73s until next time.

TOM McCORMACK - 275 Littleton Street - West Lafayette, Indiana - 47906  
Hi gang! Recent veries in here from: v/q- CJRF-1060 KOMA-1520 CJRS-1510 XERF-1570 XEROK-800 & XEG-1050. v/f- CKAC-730 & KGMO-1550. v/1- KIAK-1600 CHNO-900 (old repor) & WVAM-1430 (very nice). Reports off to: WPTI KOWH KIXZ KCLU KTUI KMCC KYAL CHWO WSAM WTLK WQTW WIDAR WQDN KTLN WYTI WTRB WGHG KHEY WJUF WLXC (Tenn. #118 here) WSSA KLEY KTLQ WYWK WMGO WSJS (in @ 9am EDT on GW!) (GW?? George Washington's birthday?? -ERC) And 50 f/ups, too. Best of DX to all - things have been dismal here. 73s.

WE WANT MORE OF YOU TO PARTICIPATE IN THIS SECTION! COME ON - LET THE REST OF US KNOW WHAT YOU ARE HEARING AND WHEN YOU ARE HEARING IT, DAY BY DAY, HOUR BY HOUR! DEADLINES HERE ARE THURSDAYS. THE RULES ARE SIMPLE, TRY TO STICK TO 20 LINES, AND DOUBLE SPACE, AND DON'T INCLUDE VERIE SIGNERS' NAMES IN THE MUSINGS!

RON MEEDEN - 7 Blueberry Hill - Groveland, Massachusetts - 01834

Hello! It has been quite a long time since I last wrote to Musings. Up until last Thanksgiving I was attending school down in W. Va. For the months of Dec. Jan. & Feb. I was studying over in Austria which turned out to be a great experience. I listened to quite a bit of radio over there and had the pleasure of visiting at least two radio stations. I was impressed with the ORF studio in Salzburg, Austria. I toured the station and was treated to the best of treatment. They played tapes for me from all of the three Salzburg stations. I also got up to Luxembourg and visited their station. I was glad to come home to veries from the new call WWEL in Medford, Mass. on 1430. WGRF promptly verified for 1060, the new station in Natick, Mass. WWRL-1600 in Woodside, N.Y. finally came through with a verie from 2/72. WQAY-980, Oak Hill, W. Va. also verified. I did not verify stations while in Austria for lack of time and a radio that was half decent. While down in W. Va. at school, of course I wrote to all of the local stations plus new ones but the verification rate was only about 50%. F/up reports should take care of some of those. I'll be heading out to Salt Lake City in the middle of March to live out there for a while and possibly look into some schools. While at home here for the break I've been working for Stan Morss so he has been keeping me up on all of the radio news. I was glad to make at least one day of the Convention in Boston, but school stopped me from making any more. I had a fine time while I was there though. See you in COORS country.

BILL ANDRES - 351 Union Street - Springfield, Massachusetts - 01105

MM 3/11 was more aggravating than profitable, but it'll do. I didn't hear the 1560 TEST because I made the mistake of tuning by 1370, which spawns these marathon unID EFs. Sure enough, there was a TT that began @ 12:55, sailed right through WDEA/WFEA s/off @ 1:03 (we used to think that WDEA was a myth down in N.Y.C.) and 2 1/2 pages of various tone loggings and almost an hour & a half later, they IDed as WGOB, Grayson, Ky. I sat there for that time, because, in recent years, WOTRPa. & WJWS Va. were logged after these titanic struggles and tones that most people only hear at the draft board. After a while it became a matter of pride. WJEB is Ae on 1240, log correction. Led Zeppelin mx on 1070 @ 3:20 o/everything. I had an idea this was WFLI, because the last time I heard them, they tested with the Bob Seger System. What I was more concerned with was the AN TT show u/Led Zeppelin, which turns out to be WJNA Va. I sure wish that when I'm in N.Y.C. they'd be AN w/TT show - all I get there is WIBC & SS. I don't even get WFLI. Question: Who ETEd on 1320 o/WKTPQ 2:25-2:30 with The Test Tone Record? They cut power or something at 2:30 & I didn't hear them after that. Thye guy would come on (from the record) and say "Now, 8,000 cycles" an , sure enough, there was an 8,000 cycle tone. He announced the tones from 15,000 to 50 cycles. Who was TTer on 1250 o/CHWO @ 2:50-3:02? Question: How far N has WDAE been heard? Totals now at 190/1 - KHEY sent a verie. 3/4s.

WILLIAM M. HAZEK - 2716 Bellbrook Street - Hillcrest Heights, Maryland - 20031

Since I haven't Mused for a couple issues, I guess I'll have to go ~~back~~ to mid-Feb. w/some admittedly old DX; of which, a few of the better catches include: 2/12- KRNV-880 Neb. heard @ 7:50pm w/Farm & Ranch Forum and mention of pattern change @ 8pm. Not much DX involved, really. Just loop to the w after WRFD s/off, see if there's anybody u/WCBS, & wait as the sun sinks slowly into the West. 2/18 brought much-wanted KWKY-1150 on r/c, and a surprise in WMUS-1090 Mich. testing @ 4:01am. 2/22- WPAQ-790 Wis. in @ 7:18pm w/ID, then gone. CPC TESTS heard on 2/25 included WERT-1220 O. @ 12:02am, WKHK-1220 N.H. @ 1:10, and WYLO-540 Wis. @ 3:29am. Also heard was KAMA-1060 Tex. in-like-a-local w/r/c 2-2:05am. 2/26, for some reason I was sitting on 860; and lo, came KOAM Kan. @ 7:31pm & KOSE-860 Ark. w/s/off @ 7:45. I tried 860 again on 2/27 & there was WERT-860 Ala. w/s/off. 2/28 brought no sign of WGAR, so I caught WPLX-1220 Ga. @ 7:17pm & WCLB-1220 Ga. w/s/off @ 7:30. WPLX caught ~~me~~ with ~~my~~ tape recorder down, so no report. One of my swifter moves. All in all, Feb. was as good a month as I've had lately. ~~Now~~ if I could just get somebody to answer my reports --- Speaking of reports, those who did reply recently include: v/r- WQMA-1520. v/r- WPKY-750. v/q- WAIT-820 WOSC-1390 WADO-1280. v/1- WCEB-800 WTN-1550 WKKR-1540 WEMA-150 WBB-790 WBTI-1480 WERT-960 WSAW-1470 WEMP-1060 KAMA-1050 WDAK-540 WRRC-1550 WKBK-1220 WJNH-1470 WKKT-1150 & WAMP-1480. 73s.

SOME EXCELLENT REPORTS IN MUSINGS THIS WEEK, SO WHAT? HOW ABOUT OUR SENDING ONE FROM YOU NEXT WEEK? PLEASE DOUBLE SPACE AND LEAVE YOUR DX DOWN THE WEEK!

SAM BRAINERD - 900 Kirkwood Highway - Apt. D-6 - Newark, Delaware - 19711

Hi! So much DX around here lately I'll have to leave a lot of it out. 2/4- XEWA-540 in strong @ lam w/semi-cl mx & mentions of Mexico. CKEY-590 w/pop mx @ 1:05. 2/6- FF mx @ 12:43am on "CHGB et CHRL" w/CPGM under w/talk. At lam a lucky catch, KWWL, Waterloo, Ia. ID repeated once, then NX & fade, on 1330. 2/11- At 1:39 on 860, religion program "God's News Behind the News", ID @ 1:59 as XIMO, the Voice of Inspiration, on the West Coast. 2/18- 1:37, WPKX TEST w/instant ~~me~~ swamped unID SS w/SIDs & was in turn wiped out by WSB @ 1:50. I went graveyarding for the next hour: WLFH-1230 ET, WGBB/WSSV-1240 w/r/r. WWC-1240 on 2/21 w/r/r too. 2/25- In WGAR SP: CHSC w/c/w, WERT-TEST heard faintly w/one ID @ 12:04. 12:40 saw WKBK in well w/r/r CE & IDs. 1:30 I tried for WK20 DX, but heard WOV NX instead on 590. 3/4- YVMX-1020 fighting unID SS @ 12:39am. This one had slow, mostly IA mx, w/EST or CDT TC. ID, I think, was "Onda ---". Help? Also @ 1:55 on 1330, unID SS w/IA mx w/heavy beat & TCs one hour behind EDT, maybe IS like XEY's. At 2:35, WTRX-1330 in w/ET. 3/5- 7:04am saw WSUF-1580 alone w/c/w, just before WPGC s/on. 7:30, WASP w/c/w u/WNEW-1130. 3/6- KCTA-1030 o/WBZ @ 7:30am, w/evangelical program. 3/9- WDAK-540 u/XEWA @ 2:03am. 3/10- 2am, WERE/WRBC-1300 in SFBR SP, also a talk show w/L host, ideas? (Shame on you, Sam, hi -ERC) 3/11- WKBW off! At 2:41, so KOMA heard. 2:46, KFBK-1530 w/CBS NX & rr. WAAV-1550 in w/r/r @ 3:05. 4:59am, WOKJ-1550. 5am, very faint unID SS on 1560 w/mx. My totals now (in Dcl.) 363, 34, 4, & 11. These are heard; I still don't verify, although I tape my DX now. By the way, Bruce Boomer's unID-1220 in 1/28 Muse is CHSC, for sure! 73s.

JIM POTERBA - 949 Queens Drive - Yardley, Pennsylvania - 19067

Another brief Muse! Latest DX fairly good, w/a couple of new ones added in the past two weeks. 2/27- WRHC-1550 logged for call change at s/off; suspected WSIV-1140 s/off 7:5 pm on 3/2. On SM 3/3, WYNG-1300 noted w/carrier of local WTNJ (who hadn't begun programming yet). And finally, MM 3/11, the WSHY-1560 TEST was noted with fair strength and CW IDs, with the WNYR-680 r/c noted too. Quite a few veries have come back of late - Luxembourg-1439, CHRL-910 CKPT-1420 WRHC-1550 (says that effective power of bay-located XR is about 40,000w!) No wonder they get up this way so well! WTV-1230 (for TEST, Pa. # 100 veried), WYLO-540 TEST. The code IDs on low-power DX TESTS lately are real-ly great; neither WSHY nor WYLO would've been IDed without them. 73s till next.

ERNEST R. COOPER - 438 East 21 Street - Carrier Route 56 - Brooklyn, N.Y. 11226

Veries from WM00-1550 (Ala. #102) and WRHC-1550 (Fla. #177), both v/1 w/CMS. Some more twilight DX lately with the buzz from next door not so bad for some reason lately. 3/7- Unn "RUN-1150 like a local @ 6:57pm. 3/9- I looked for r/c of WGRK-1550; not heard, 5:30-5:45. PM, 1150 again, this time unn CHSJ roaring in @ 6:04pm, almost in the clear like WRUN was two nights ago. I was looking for WSKW, Me., not heard yet. Amazing CX for this late in the winter at 10:11am, on 1550, looking for WKOT, ex-WBAZ, Kingston, N.Y., & I got two stations, one with a children's story being told by a lady, and the other w/Billy Graham. The former went unID, but the latter, really floored me, as it was WKVA, Charles Town, W.Va., unn though, but certainly interesting. Usually it's WEXT/WKOT in midday here. On MM 3/11, extremely weak TTs, up & down, on 1560, possibly the WSHY TEST, but no IDs heard, CW or otherwise. I tuned in @ 1:34 & stayed till 1:58. They're getting a tentative. On 1520, no WKEM, but KOMA (a carbon copy of the Bufalonian) and a TTer there. And wow-wee, loads of AN7 locals were off today! WCEB-880, WINS-1010, WWDI-970, WBN-1050, also WCSSU-1210. TTers on 1060, 1330, 1090, 1400, much of AM. CJRP-1060 seemed off too, and cl mx (piano) heard there @ 3:45am, either ZKS3 or a Castro Convertible. Looking for CKAY-1500 (oh you dreamer, ERC) @ 4:04, no luck, natch, but a TTer there. Then An rr on 1060 held my attention and it turned out to be only WNOE. Two more TT frequencies were 1190 @ 4:21, and 740 @ 3:04. I tried to get a log on Cucuta-1090 but they weren't strong enough, and neither was I, hi. I looked hard on 880 for KVVN, whom Rudy said'd be on with a DX next time WCEB was off, but nay, they weren't there. 1310, 1440, 1460, sound a lot better these MMs - maybe the crux has been reached, and the AN7 situation is tapering off?? CUN7.

ARE YOU GETTING READY FOR TOLEDO? TOLEDO IS GETTING READY FOR YOU! IN FACT, WSPD HAS HIRRED TWO EXTRA ARMED GUARDS TO STAND WATCH AT THEIR TRANSMITTER SITE!