



# DX NEWS



The Magazine of the National Radio Club

VOLUME 39

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NUMBER 23

"The Domestic Contest results are safe."  
(George Kelley, somewhere in Kansas)

## IN THIS ISSUE...

- \*A Short History of WBZ - Shel Swartz
- \*Latin Voices in Miami - Ron Schatz
- \*Receiver Report --- Lafayette HA-600A - Ron Schatz

## NEW MEMBERS THIS WEEK...

- \*Joseph Sexson, Jr., Indianapolis, Indiana
- \*Lawrence Lowell, Ridgefield, Connecticut

# F

A hardy welcome, gentlemen, and we trust that we'll hear from you often here in DX NEWS. Why not send in a Musing introducing yourselves to the club? Ernie Cooper will be glad to hear from you.

## RENEWALS...

Horie... Fr. Pejza... Garber... Gantzer... Simko... Wright... Bennett... Winkleman... Heinen... Krass... Scroggs... Allen (Eugene)... Blodorn... Savage... Grubbs... Northam, ex-president...

## YOUNGSTOWN DX FEST POSTPONED...

A call from Jerry Starr revealed to us what we had suspected for a while... the YAD get-together scheduled for this Easter weekend has been postponed due to difficulties beyond control. Jerry will try to re-schedule the get-together for some convenient long weekend in late spring or early summer. So please **DO NOT GO TO YOUNGSTOWN EASTER WEEKEND.**

## FIRE CLAIMS THE AMAZING...

... receiving setup of GPN's, as well as other sundry electrical equipment which was in the attic of GPN's home during that fire we told you about in the last issue. The only important NRC stuff which was lost in the blaze were a pile of new member kits and a large amount of back copies of DX News which were used for mailing of sample bulletins. Also lost were the "NRC Archives" which included back copies of DX News going back to the 30's. We might note, though, that items such as RFS' mechanical filter and verifications which were sent in for use in the "DX Showcase" pages of DX News are safe and sound, as far as we know, no personal belongings of any club member was lost. New members, please be patient; we'll try to get those new member kits out as soon as we can get a new stock printed.

\*\*Number 22 late due to computer problems; GPN is working on it as I type this...

\*73, CDP

## D X T E S T S

	kc/s	Power	A.M.-E.S.T.
Monday, April 3	KUPK 1050	Garden City, Kansas 5,000 D-3	2:00-2:30 NRC
	WARD 1490	Johnstown, Pennsylvania 250 U-1	3:00-3:30 IRCA

KUPK has been dedicating its regular frequency checks to the NRC since December. Our heart-felt thanks to Mr. Dale Roberts, C.E. here, for his kindness to DX-ers. How about it if we all send in a report on this last one? Send to KUPK Box 798, Garden City, Kansas, 67846, to Mr. Roberts. BRUCE WINKELMAN

WARD in doing its Proof of Performance on Monday, 4/3/72. They'll use popular recordings and voice IDs, and may run their 1 kilowatt at this half hour. Send your reports to Mr. John Lucas, Chief Engineer, WARD, 341 Lincoln Street, Johnstown, Pennsylvania - 15901. BRIAN CARTWRIGHT (IRCA)

MONTREAL EXPOS U.S.A. BASEBALL NETWORK  
(from MIKE COLLINS)

WVMP-620 Burlington, Vt. WSLB-1400 Ogdensburg, N.Y. WMSA-1340 Massena, N.Y.  
WPDM-1470 Potsdam, N.Y. WICY-1490 Malone, N.Y.  
The originating station for the EE network is CFCF-600, and the FF net, CKAC-730.

## HEARD SINCE LAST ISSUE

## "AN" SITUATION

880 K R V N Now RS (3/6) 50,000 U-4	OFF: 1110	W B T Some Wed. AMS
1450 C H E F Now 10,000/25,000 U-5	ON: 1380	W B N X Tue-Sat. in SS
	1310	W I C H SPU; on SMS, MoR

Your Musings Editor, Ernie Cooper, sincerely offers his condolences to Gordon P. Nelson and Randall Kane on the occasion of the fire that did so much damage to their home and DX equipment. We're all thinking of you, lads, and we are all very sorry to hear of your tough break, Gordon's third rotten break of late.

MIKE COLLINS - 2021 Main Street - Stratford, Connecticut - 06497

Noise levels were high again this past MM 3/13 so after a couple of sweeps of the band I gave up around 2am. I think WMEX-1510 Boston was off, as only WIAC Nashville & CJRS Sherbrooke, were evident on 1510 fighting it out. The Cuban on 600 is so strong in the area some nights in this area that it can actually be heard quite strong w/WICC Bridgeport, on the station monitor in the NXroom! The studio is about a mile from the XR at Pleasure Beach on Long Island Sound. It was almost starting to tear WICC up on the news monitor around 10pm on 3/11. Friday evening 3/10 saw excellent CX to the midwest & Europe, w/hets noted all over the dial. Tipoff was a very strong signal from CBT-540 Grand Falls, Nfld. around that hour (7pm) On LW, I heard the BBC station on 200k for the first time, in very well strong enough to get past a loud buzz, w/NX on the hour (7pm) followed by a DJ program w/MoR & local WX @ 7:15. This is the first time I have heard EE on LW. France on 164 was in even stronger, getting past an even louder buzz (which got worse as I went down the dial). Saar, Germany on 180 was not heard this particular evening, however. WICH-1310 Norwich, Conn. has gone AN. Format is contemporary, & it is on SMS, but not sure on MMs. I see in Broadcasting that WMS-570 Washington may keep its c1 format, & to offset losses, the FCC is going to waive its 50% non-duplication rule & allow WMS AM & FM to duplicate 100%, if it retains the c1 format. WCKY-1530 Cincinnati was off about three minutes 3/10 around 7:38-7:41pm but nothing else was heard. A tip to WC DXers - WCKY & WQXR-1560 both remain on their day patterns until local sunset at Sacramento & Bakersfield, respectively. The sale of WAWZ-1380 Zarephath, N.J. to WBNX-1380 NYC apparently will be held up for a long while, since the ownership of WBNX is in trouble with the FCC & faces license revocation hearings for a few of its other stations. To Charles Mohr of White Plains who is looking for WENR-1260, Beacon, N.Y., I note it here with a not half-bad signal SMS until local WMM-1260 Westport, Conn. s/on @ 8. Also, many months of the year, WENR s/off 15 minutes later than WMM because it is further West. If you want to hear what WENR sounds like, WSPK Poughkeepsie, N.Y. simulcasts it on FM all day. That's it for now. 73.

# MUSINGS

OF THE MEMBERS



ERNEST R. COOPER  
438 EAST 21st STREET  
carrier route 36  
BROOKLYN, NY 11226

ERIC DIRICCO - 540 Gallion Avenue - Pittsburgh, Pennsylvania - 15226

I guess I'm a bit overdue for a Muse, so here goes. DX has been fair here since the beginning of the new year. Of note lately is one catch in particular: KGRT-570 N.M. for a new state. KGRT was heard here on MM 2/14, from 2:50-3 during an EP. In case anyone else stumbled onto them, but didn't manage an ID, they were playing "American Pie" by Don McLean, over and over; the LP version. They had a simple "KGRT Las Cruces, New Mexico" ID on the hour. A report was sent out, and came back confirmed today; that's state #42 verified here, after KGRT test was over on 2/14, I had weak audio from what I suspect was KVI Wash. Mx was MoR. I have high hopes for 570 this MM. The big stumbling block on the 14th was the extreme noise. DX Special WAYT-1510, heard weakly here. Speaking of CPC, CENM-740 Nfld. replied, after three months, to my request for a DX Special w/the sad news that their staff was in the process of settling a strike, and that the workers refused to work overtime. This, no test for now, but he did leave hope for a future time. The letter, incidentally, was typed by the SM himself (or so he says). I hope this letter gets to you, ERC, what with all the P.O. trouble you get. (It did, Eric, & thanks for the two returned sample envelopes). Interesting verie in from Haiti, 2/11, seems they verified my report for their station on 1035 whose call is 4VEG. 4VEF is the 830 station! Totals as of 2/22: 1,041/240, 46/42, 9/5. Province #9 added a while back, 1/10, w/CENM-740 @ SRS w/ NX @ 4:30, having apparently signed on before-hand, probably @ 4:25. Enough for now. Support DX-tras, and all the NRC's great features. It's the best there is - the NRC. 73s & good DX to all.

FRED NORDQUIST - 302 Sandra Lane - North Syracuse, New York - 13212

Some DX noted over the past several months. New stations logged were: 12/7- WCOP-1150 Mass. c/w 12:10am, CMW-590 Cuba // -600 12:25, WAPF-690 Fla. QRMing CBF 12:37, WOCB-1240 Mass. NX 1:01, WNBI-980 Wis. ET/TT 1:45. 12/11- WINE-940 Conn. s/off @ 4:30pm. 12/30- Unn WPAT-930 N.J. L&C off frequency @ 9pm. 1/8 & 1/9- TAs noted w/good signals in evening. 1/21- WIXZ-1360 Pa. rr 8:37pm. 2/6- TAs in L&C on about 20 channels @ 10pm. 2/15- WBET-1459A Mass. off frequency, MoR 8:30pm. 2/25- CHIC-790 Ont. rr 6:40pm. 2/26- WISZ-1590 Md. NX 1:30pm. 3/2- WORC-1320 Mass. rr 9:02pm. 3/4- Algeria-548 Oran-I w/AA good audio, s/off w/NA 6:59pm. 3/6- W.I.B.S.-535 Grenada w/EE & AST TC 8:25pm. 3/7- WACE-730 Mass. s/off @ SSS 6:03pm. Senegal-764 Dakar, AA announcer, finally, 6:20. Totals now at 608 logged states 39 plus D.C., provinces, 8; countries, 30. RX: -SX-110. Antenna: 300' LW strung E/W. V/c back from WEZE in 18 days. 73.

CHUCK ALBERTSON - 103 Cedar Crest Lane - Bellevue, Washington - 98004

I believe this is my first Musing, so I'll start off with a brief intro: I'm 18, have just under one semester to serve at Bellevue H.S., and have been DXing CBC for about three years. Equipment used here is an old Halli-crafters S-40B, a 4' loop & a Realistic TRF portable. The S-40B is in for repairs right now, so most of my DXing is presently being done on the TRF (the only logical choice). The first two issues of DX NEWS I've received have been great; they rank right up there with my Deputy Dan coloring book! I'd advise anyone on the WC to switch to Air Mail delivery if they have the bread; it's well worth it. The 2/26 DX NEWS got here one day after it was mailed, which must be some sort of record of late: KGF-1060 fair but u/KPAY/CFCN @ 2:40 on r/c 3/5. UNID u/KRLD 1:28 3/6 w/end of World Tomorrow. Unable to loop KRLD as I was already nulling KING. KUPK barely snuck a couple of IDs past XEE/CFGP @ 2:16 3/6, enabling me to stash another Kan'an in my log. A few TPs were in later that AM, but I'll save them for IDXD. Unyl next time, "10-4" and "2150 'by'" from B-town. (Welcome to the NRC, Chuck! We hope you'll Muse often, along with other Westerners! -ERC)

ONE MORE ISSUE IN THE WEEKLY SERIES. SEE LAST ISSUE FOR DEADLINE DATES.

4 WES BOYD - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505

Well, I might make it yet, almost at the 960 mark for "domestic only" stuff; over 1,000 counting all. After 2½ years of trying I finally pulled KGHL-790 f/c from u/WAR/WAKY/WQXI etc. for Montana #1! Same AM I got N.D. #4 in KNOX-1310 f/c. I'm starting to make the double verie point. Now at least two from all but Utah, Nevada, Hawaii, & Montana. I'm still digging for Idaho Oregon Alaska. (It doesn't seem all that impossible any more, but at 2½ years a state?) I was spanning much time on 560 570 580 for the three weeks your friend & mine was off & got many newbies. 570: WMAM WSYR WWNC WKYX & KGRT. 580 was nice enough to give me WKTY KALB & a new log on former ANER WHP @ 1:07 s/off. All the other stuff of the usual type, i.e.: Fla., Kan., N.D., S.D., etc. but it's getting a bit harder to hear the new ones any more. I don't understand why the people in the Mid-West are yelling of ANers. They're just getting what this area & farther E has had for YEARS. You just have to live with it. As far as the stations are concerned, it's a numbers game. The more numbers, the more money. Only way to get and hold big numbers is AN-6 or NSP operations I'm afraid. Sooner than beg for a SP and have them tell you where to go, try asking for MMs on AXR. In most cases this is lower power & doesn't act like WABC/s AXR. This with an Alt-Azimuth loop & you're back in the game. The eight to ten DXers here would like us off once in a while, but when ten people try to effect an audience of 30,000-plus mid-night to 6am no such luck. It all comes down to your local pest being someone else's rare DX. YAD Poser! (30,000-plus? Oh come now, Wes! -ERC)

JOSEPH A. MARKEWICZ - 1394 Elgin Avenue, W - Winnipeg, Manitoba - R3E 1B6

Canadian Marconi Ltd's radio & TV outlets in Montreal make a unique case in Canadian broadcasting. Three years ago, the federal government decreed that all radio, TV, cable TV stations in Canada be at least 80% Canadian-owned. The Marconi holdings, CFCF-600, AM/FM/SW still remain under British control. At the moment, two well-known broadcasters from Ottawa & Toronto have tried buying Marconi out but the CRTC refused because then one of the applicants would be the most influential private broadcaster in Canada. The broadcaster from CHUM Ltd. was rejected because the CRTC feared that an aggressive CHUM style approach on Montreal could trigger a ratings war that would attract more advertising and FF speaking listeners to the EE stations. Yours truly is making definite plans to attend the IRCA Convention in San Diego this June. I could have gone to Europe at the end of June because my grandparents in the Netherlands are celebrating their 50th wedding anniversary this year. Anyway, who wants to go Europe with their parents? CKY-580 takes long distance collect calls from their out-of-town listeners between 10pm & 1am on their Open Line show. For those who'd be interested, Garner Ted Armstrong's World Tomorrow log can be found in the 1/72 Plain Truth magazine. 73. (This should have been in last week's issue - it got waylaid here being put in the wrong box - sorry, Joseph! -ERC)

MIKE SCHEEL - 4120 Nobis Drive - Davenport, Iowa - 52804

New address above should be active around 3/8. It is two miles closer to the center of town and I'm not on top of the Ridge but half way down to the old Miss. Teh Allied RX works great, KFI has been appearing nightly about 10 CST w/CMQ in null. ERC, in #18 DX NEWS you have me saying KBOE-740 @ 6 w/out SSB for the next 12 (?) weeks - make that 7pm EST for three weeks. A few unnn catches: 2/29- WSGN-610 @ 11 w/rr, CKRC w/WX @ 11:18. 3/1- WEMP-1250 @ 10:12 w/rr. 3/2- WCCO-830 @ 2:08pm: w/WX. 3/3- KOB-770 @ 7:49 unnn but I sent report, as the first time last Summer wasn't enough for report. KTRH-740 @ 11 w/s/off-SSB u/CBL. After CBL s/off @ 12:08 KRMG was heard w/MOR & mention of AN show, AN-6? KTRH is AN-5? 3/5- Unn CJNR-730 @ 4:02 w/FF mx. KULF-790 @ 4:09 all alone. 73.

ANDY RUGG - driving through Quebec

On 3/7 I noted CHEF-1450 announcing as 10,000w. The Drummondville station on 1480 still uses CHRD, and NOT the reported CHAC. CFIS-1240 uses the slogan "IS Radio." 73. (Andy, who's the AN FCC on 1420, CJMT? -ERC)

KEEP YOUR MUSINGS COMING, KEEP THEM TO THE POINT - THAT IS, ON BCB DX. PLEASE, NO VERIE SIGNERS' NAMES IN YOUR MUSINGS. REMEMBER THE 30-LINE LIMIT & DOUBLE SPACE.

ROBERT E. FISCHER - Box 94 - Newark, Delaware - 19711

I listened for the second WOGD-1550 TEST on 2/28 from 3-3:30 using a TRF. I heard nothing but two faint snatches of audio about 3:05am, & was unable to clearly read the signal. I wonder if anybody did hear the TEST. I think the TRF I had was a dud, because the frequency was clear. Certainly it should have picked up SOMETHING. I might add, it behaves likewise on other channels without strong locals or clears. The other day it died completely as I connected it to a.c. & the former smouldered. The TRF has been replaced by a DX-150A just purchased yesterday & an SM-2 antenna which arrived a few weeks ago. The 150A will be run from a 12VDC outboard source to cut down line noise. From first impression the 150A is a lot better on BCB than any RX I have used previously and that includes a Sony CRF-150 which I had up to about six months ago, then sold it because it was weak on BCB, and had drifting calibrations. Of course it probably won't work like an HQ-180 or SPR4, but it should be adequate for the time being. For the first time I clearly got WQAI-1200 between locals WCAU & powerhouse WQWO without getting slop from either. WNRK-1260 does not cause cross modulation (even with the SM-2 tuned up to full gain) like it did on the 150. Also I can split off WQXR-1560 from super-local WSER-1550 which was an impossibility before. (WSER's towers are only a few miles away). Daytimer WLIX-540 in L.I. comes in S 3-5 - before, just hash. I will be moving to much more spacious, and air-conditioned, quarters effective 6/1. I hope the TVI will be reduced, as there will be a foot of concrete between my neighbors and me. Maybe that will keep out TVI. Besides, for the first time in five years I can DX from a place above ground level and maybe that will help, too. The DX-150A has a mechanical filter, & the selectivity should be adequate to hear strong TAs, provided they are coming in. I've never heard a TA before, so I guess that still makes me a beginner. Enough said because I'm nearing the 30 lines. PS- A few weeks ago, one of local WAMS' towers fell down & they are running lower power since then.

BILL FEIDT - 8708 Contee Road - Apt. 14 - Laurel, Maryland - 20810

Since I have a few minutes before I leave for the airport today (3/10) I will bring my DXing activities up to date with a Musing. I will return on 3/28 & should resume my DXing & Musings then. DX: WFIS-1350 Fredericksburg, Va. on 3/5 noted from 1:25-2:01pm w/MOR format & IDs on the hour & half; dominant WORK was nulled, but slop from superpest WOOK made getting a decent tape rough. WPUT-1510, Brewster, N.Y. 5:56-5:59pm o/u QRM & WTOP slop w/NX to s/off w/SSB. WYRU-1510 Red Springs, N.C. 6:13-6:20pm w/ID & "Sunday Afternoon w/WYRU" program. WMPO-1390 Pomeroy, O. @ 6:29am atop w/s/off without anthem; local WEAM nulled. 3/6- KIWA-1550 Sheldon, Ia. was in like a ton of bricks on TEST from 3:02-3:42 w/much IA-type mx & many IDs; report is out. Tunis-II-962 surfaced from 6:15 to 6:25pm w/Arabic chanting for a new log here on what should be a very easy one. 3/9- KLLA-1570 Leesville, Ia. @ 7:28pm s/off mixing w/XERF during very Auroral sounding CX. WKWB was entirely missing on 3/9 PM & I got a good tape on a very strong KOMA-1520. WSAO-1550 was in so well I took a tape on them, although I had one some time ago; they were easily as good as WCPC which booms in here during Aurora. I also added a tape on WKMG-1520 Newberry, S.C. @ 6:28pm s/off. Veries in from CBI & CENM, v/q.

PETE TAYLOR - 1039 Erica Road - Mill Valley, California - 94041

3/3- KBBQ, in/out/& even with semi-local KXRX-1500 around 8:30pm before pattern change; first time heard, but of course I'm not often home by 5:30LT. 3/5- KPOP-1110 Roseville, near Sacramento, quite readable days, despite KFAX, thanks to the new R390A/URR; the model number I gave last week was on the label the Navy put on it. On 3/6, KRVN-880 heard for the first time on RS as "8-8-0 Radio" - it must have come on just this past week, & appears to be c/w oriented, and had gospel show on @ 10:30pm. They give both C T & MST & as I expected, since they are protecting WCBS, they are quite loud. KKHI-1550 is now AN. XEBG on the same frequency is now R&B at least Sunday nights after KKHI goes off. With XEPRS' superior signal, I don't think Wolfman Jack has too much to worry about.

ONLY ONE MORE IN OUR SERIES OF WEEKLY ISSUES. THAT MEANS NOT ONLY THE SLOWING DOWN OF DX INFORMATION, BUT THE COMING OF THE MIAMI BEACH N.R.C. CONVENTION, OVER LABOR DAY WEEKEND, SEPTEMBER 1-2-3-4. COME ON DOWN! AND BRING YOUR SWIM SUIT!

# LATIN VOICES FROM MIAMI

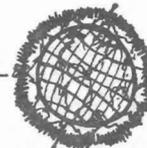
by Ron Schatz

→ Miami, Florida, is not large as cities go, with a population of about 340,000; but add a few suburbs like Hialeah, Miami Beach, Coral Gables, Kendall, North Miami, etc., and we wind up with a metropolitan area of some 1,300,000 souls, or SMSA número 25 per the 1970 census. This conglomeration is what we call "Greater Miami" or mostly just "Dade County".

But Miami is unusual in yet another way: Some 300,000 of its permanent residents are "Latinos", of which 90% are Cuban, and the rest Puerto Rican, Mexican, Colombian, etc. Most Latinos live in Miami's "South-West" section, centered around "Calle Ocho" (S.W. 8th Street) as the main drag; another huge colony includes almost the entire population of Hialeah. Of course, such a large Spanish-speaking population is bound to have a strong effect on the area, especially on the local broadcasting industry. From only one part-time Latin station in 1959 (WMIE-1140), metropolitan Miami now has 4 AM, one FM, and two TV stations programming mostly or all in Spanish, ranking the area over New York in the field of Spanish-language broadcasting. Here is a rundown on the situation:

- 990 WFAB "La Fabulosa". A tight-board operation of hit recordings and contests. Ranked "número uno" over all other Miami AM stations by ARB, believe it or not. Also features, rush-hour traffic reports, "Radio Voz" continuous news (similar to Cuba's Reloj Nacional) late evenings, and standards on the AN show. A Class II-B station, Fabulosa protects WHOO, etc., sending almost everything over Miami and easterly out to sea. Off MM 0000-0500 LT.
- 1140 WQBA "La Cubanísima WQBA". Similar to Fabulosa in format, but not so strong with contests and special features. Protects Richmond and Monterrey on the channel, beaming somewhat NE and SW. Heavy jamming by Cuba in Habana and Matanzas (but not further east) gives an idea of WQBA's coverage. Off MM 0000-0500 LT.
- 1220 WLTQ "Radio Latino". This is Latin "MoR", compared to the "éxitos" or hits concentrated upon by the two stations mentioned above. Much of the music is unannounced. Radio Latino thus bills itself as "diferente". A 250-watt daytimer.
- 1550 WRIZ "Radio Mundo". With towers in the water just south of the tip of Key Biscayne, Radio Mundo concentrates its 10.kw signal into Miami. Format includes local hits, Puerto Rican "Latin Soul", and heavy political programs from Alpha-66, etc. Its daytime signal is heard well in Cuba, so we wonder why Castro has not decided to jam things up as yet.

Other stations include WHMS, 92.1, in Hialeah, "La Onda de la Alegría"; WCIX-TV, Canal 6, "El canal que se ve"; and Spanish-International's WLTV, Canal 23.



All times in IDXD are in GMT. Receptions:

- 540 Brazil. Radio Nove de Julho, São Paulo hrd with pop mx and ads. First time hrd, 0900 3/6. (Objio, D.Rep.)
- \*\* 555 St. Kitts. Hrd on this freq with rather poor reception 3/9 from 0132 to 0304 s/off. Primarily a musical deejay type show, some news, s/off with hymn. Tnx to Merriman for the tip. (Robie, Mass)
- @ ZIZ, St. Kitts hrd 3/10, 3/11 and 3/13 as early as 0130 to 0300 ID and s/off with NA 0302-0303. Quiet MoR mx and woman ancer. Freq msd as 554½ and a het from probable YNS-555 annoying but seperable with Q-mult. Have to loop WFIL-560 which does not leave any options as to nulling YNS. At times, has good audio on peaks when over the het. All in English. A male does s/off anmts. (Sundstrom, NJ) (Good to meet you, Tom -ed.)
- @ St. Kitts noted with a signal better than anything on 550-560 and was not much weaker than WKBN. S/on at 1000 with anthem or some other mx a few minutes before 1000. Announced freq as 555 (emphasis added -ed.) so may be a permanent move. This on 3/11. They played hymns after s/on. Should now be a cinch for all. (Shannon, Pa.) (Good to know, they ought to be on this freq long enough for me to get them, hi -ed.)
- @ ZIZ has been here the last 2 weeks. Quite loud; hrd with request pgm similar to the one on ZDK with ID and TC very rapidly between about every other record 3/10 0230-0245 well over YNS for ctry. 96. (Edmunds, NJ)
- 560 Guyana. G.B.S. hrd again here even with WFIL groundwave in auroral cx with classical mx, ID 0230 3/10. (Edmunds, NJ)
- @ Republic Radio, Georgetown hrd at s/on with "Puppets on a String" then mentioned all freqs, MW, SW and FM, address, then said "at the tone, 5 o'clock in the morning", it was 0845 3/6, then played their strange Indian mx. (Objio)
- 566 West Berlin? A man in German on top of the channel 0125 3/11 and assume this was Sender Freies Berlin. (Moore, Mass)
- 620 Brazil. An unID station hrd here under WSUN news pgm, they had pop mx but could not understand any words due to QRM; 0905 3/6. (Objio, D.Rep.)
- \*\* 645 Paraguay. At last I hrd this station from 0825 to about 0845 on 3/6. I did not get an ID as there was excessive static but the station is in Paraguay and some places mentioned were Villarrica and Hernandarias (with branches for an insurance company "una empresa de confianza" confirm the country with certainty. Fades were deep and long, so much so that the signal was completely lost in the QRN. It returned about 5 minutes later but weaker; too much static all the time prevented me from getting a complete ID. I taped about 10 minutes but most of it unusable, only the places mentioned were understood as well as some ads and addresses. Nothing was hrd on the telephone-line "beverage". This is my country #60. (Objio, D.Rep.)
- 647 England. BBC-3 noted with news analysis 3/5 0610-15, then a single Big Ben chime; at 0616 BBC World Service Radio Newsreel. (Edwards, NY)
- 760 Guyana. Radio Demerara, Georgetown hrd with their "first selection" at 0918 on 3/6, also with Indian mx, ID at the time. (Objio)
- 770 Colombia. Hrd Radio Tequendama 0920 3/12 with WABC off, "She's a Lady" by Tom Jones, ID with chimes; WABC back on 0935. (Edwards, NY)
- 800 N.A. Transworld Radio hrd with mx and Gpspel 0300-45 3/12. (Lanes, NJ)
- 810 Mexico. XEFW Tampico a rare catch here under WKVM, HJCY with rancharo and lengthy talk segments 0250 3/10. (Edmunds, NJ)
- 820 Venezuela, to Edmunds in IDXD 2/26, Guyana is the former British Guiana; the stn on this freq is Radio Guayana. (Objio, D.R.)
- 825 Costa Rica. TIOS noted 0629 with American rock and roll tunes. (Edwards)
- 845 Italy. Rome hrd 0700 3/10 with English news to 0705, ID by woman and saxophone mx to 0727, then ID, pips and cl mx. WRTVH shows this to have two parallels on SW but couldn't match pgm on any SW freq. (Edwards, NY)

- 854 Peru. Noted here 0630 3/5 with 2 men alternating every minute or so, in Spanish, Latin mx, apparent talk on troubles in Ecuador to 0636. (Edwards)
- 960 Bermuda. ZFB-1 hrd 3/6 0500-0505 with news, sports, into mx, TCs in AST. Good with WELI looped, at times dominated even with longwire. (Sundstrom) (caution here - CHNS also uses AST so get that ID -ed)
- 1010 Mexico. XEHL Monterrey hrd here with nx under WINS and ID 0310 3/10. (RJE)
- 1505 unID LA. At least two stations here after Anguilla s/off on 3/10. One was readable in Spanish briefly at 0207. (Moore, Mass.)
- 1506 Anguilla. Finally logged 3/10 0005-0205 with a quite readable signal at times, best during an interview pgm 0032-0047. Three note IS and Radio Anguilla ID taped at 0047. Carrier was cut 0205:40 without anthem or anmt. This is tough in the Boston area with WMEX on 1510 and because must use USB with the other stations on 1505. (Ray Moore, Mass) (Congrats, Ray -ed)
- \*\* 1560 Dom. Rep. "Radio Pedernales, La Voz de la Frontera", Pedernales, officially inaugurated on March 4. Jacobo Lama Jaar is the administrator. Address is Av. Duarte, Pedernales and power is 1000 watts. Today I saw a beautiful pennant from the station, if you hear them send them a report and try to get one. The station belongs to the owner of Radio Barahona-1240, Rodolfo Lama Jaar. Call letters are not yet assigned. (Objio, D.R.)

"..NRC was not mentioned (on the TWR program) as the show was done in conjunction with IRCA. Should it become a regular, I will certainly publicize NRC from time to time. Sure wish RN would buy a more favorable time period from TWR"-Hauser,Tx

Additions, corrections and confirmations to latest EBU list:

Dakar	763.998	Sierra Leone	1205.012
Murcia	853.989	Nouakchott	1348.997
Agadir	935.083	Conakry	1402.696
Norte II	1060.996	Dakar	1538.030
Las Palmas	1097.080		

The above were msd with newly acquired Heathkit IB-101 frequency counter. More observations pending the end of the MWA. Msmts as of 10 March 1972-Schatz, Fla.

News from USSR by Olle Alm, ARC:

- 200 Vologda 0300-1600 Z with Moscow 2nd pgm. Delete Leningrad/Moscow.
- 836 Lutsk, Ukraine. Delete Vinnitza. Kharkov is still on.
- 872 From the 1st February a strong stn with IIII pgm here, probably not Moscow. DF 75° from Vaxjo. Tartu??
- 908 Tashkent pgm I s/on 0000 // 164 and 5925.
- 1088 Yugoslavia. Call is "Radio Novi Sad i Radio Subotica" 0410 strong.
- 1097 Kazakhstan with Alma-Ata 2nd pgm 0000-1700 (980 and 1070 are first pgm.)
- 1313 Kishinov 2nd pgm 0200-2100 relaying Moscow I + their own pgms in Moldavian. There are 2 xmtrs with the same pgm; one of them used to drift off freq sometime.
- 1376 Lutsk, Ukraine here with Kiev pgm I and II; local pgm 1330.
- 1430 Frunze, Kirghiz realy (I don't know if this means "relay" or "really (here)" -ed.) 0000- // 4010, 4795 and 4940.
- 1448 Kaliningrad. Moscow I pgm 0230-0600; Moscow IIII 0600-2100.

(Ed. Note: The time listed under the 200 item was GMT+1 and was changed here to read in GMT. I assume that all these items were in GMT+1 and so have changed to read in GMT; original copy did not state with certainty. While I am now reasonably confident that these times are in GMT, am not responsible for errors, hi-ed)

Heathkit has a new counter, the IB-1102. This counter works to 120 MHz and has 8 Nixie readout tubes. Cost is in the \$350 class. Should be interesting for freq measurement nuts. They also have announced the SB-650 digital freq. display (for their HW- and SB- ham gear line) in the \$180 price class, I am writing to find out if this can be adapted to any superhet with  $L0 = F_{in} + 455$ ; manual for SB-650 not yet available at their retail outlet on W. 45 street. Will remark further on this when I get appropriate info. *BJ*

# DOMESTIC X DIGEST



EDITOR:

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(201) 335-6397

Prefatory to the promulgation of the usualness of this space, we'll take a time out to deal with some pertinent comments on the state of the art:

- 1) Wes Boyd writes: "The reports received at WNIO for the special were much worse than the quality of reports on special 2 yrs. ago. Also much worse than WPIC's from last season. WHAT'S HAPPENING TO THEM?? Reports giving IDs said "WNIO, Niles, Ohio". NOT ONE ID in the test said "Ohio" and no one noted the same voice on ID's. No one noted that 3 tones were used (400, 1k & 2k Hz.) with the lower and upper ones always 30 sec. while 1k. was 1 minute with a 2 sec. "hole" from :29 to :31. No one noted that ID's and tones when together had a 5-second "hole" between each..." \*\*\* I again agree on report quality. For my own part, tho', I hrd not a TT in an almost 15 minute segment. Also, most tests use same voice throughout, so noone would think it different. In general though, report quality must be improved. (RJE)
- 2) Mike Collins writes: "In regard to your comments... in my KFAR report I was very careful to state that I had no identification (positive) of the station. I asked whether the station had the programs scheduled at the times I heard them.... In my reports to DXII, I either listed it as "unID" or "KFAR??", or stated that I may possibly have had it.... Do you feel a DX'er should refrain from reporting unless he has a positive identification? ". \*\*\*\* Well, we'll do this one bit at a time, as there are several considerations. First, I feel that the info Mike rptd was a bit scanty, and on that basis alone, I wouldn't have reported to them at all. I wouldn't advise reporting unless the details are sufficient that a conscientious CE could verify it. Secondly, I don't suggest never reporting an unID, but only when it is beyond a reasonable doubt. In this case, the time almost precluded the possibility of such a log, and there were several other co-channel stns. which could have run EE. Many D'ers take even more care with such rare birds as this one. In summary, the only question here is one of an unwarranted assumption, which many DX'ers frequently make. The problem comes when a consistent verifier-of-anything gets a tentative which wasn't his station but verifies it anyway, then the DX'er, with natural reactions, says that since he got a verie, it had to be that station. My point here is that it ain't necessarily so. From some stations, veries are legit. From some they may be. From some they mean nothing even if the report was legit, because the verie was "automatic". Nothing personal, here, Mike, I'm simply trying to illustrate a very old point with your recent and thereby familiar example. - RJE.

Now, on to the info indigenous to and a denizen of DDXD:  
CLOTHIERS, Rt. 22, Union, N.J. *Flagship*

## changes

- + 710 CJRN-ON CP is on. (Starr)
- + 880 KRVN-NE CP is on. (Boyd)
- + 1010 KRVN-NE Delete listing.
- + 1600 CJRN-ON Delete listing.
- + 1380 KEWF-AR ex-KEXE.

## call applications

- 1090 CP -CO Denver req. KAAT
- 1430 WIII-FL req. WRSD

r/c's

FEBRUARY: 4th TH: WNPV-1440, WAZA-1360, KRGI-1430; 4th SA: WABD-1370

MARCH: 1st MI: KGH-790; 1st TU: WFTR-1450, WEEL-1450; 2nd WM: WBEJ-1420, WMOX-1010; 2nd TH: WPCF-1430

daytime

- 900 WOTW-NH Noted u/usually dominant WFLN here days w/new longwire (Mike Collins, Stratford, Ct.)
- 1070 WCEB-NJ New stn on 2/19 in all day, fairly weak (MC)

sunset & evening

- 680 WJPS-TN Fair u/WPTF-CHFI-WCEB w/ Top 40, nx at :55 & spots. 1840-59 3/7. If you're trying for a verie, you must have SPOTS on your rpt. (Wes Boyd, Youngstown, Ohio) \*\* For those who aren't quite sure, he means commercial announcements. -RJE
- 690 WVOK-AL Hrd in aurora w/ MoR 1848 3/7 (RJE) (RJE & PT)
- WTLX-LA Hrd w/ c&w, 1857 to 1905 ID 3/7 o/weak WVOK to 1900 s/off
- 810 WJUG-MS Hrd way o/WGY in aurora w/ c&w 1851 3/7 (RJE)
- 850 WIDE-AL Atop channel w/ ID, promo 1853 3/7 (RJE)
- WEAT-FL Hrd w/ BB promo 1910 3/7 (RJE)
- 860 CBH -NS Hrd // CBI 3/6,7 ard 1700 (MC)
- 900 WCEB-NE Hrd well B/7 1710-30 w/ MoR (MC)
- 930 WJAX-FL Finally logged u/WPAT w/ upbeat MoR 1912 3/7 (RJE)
- 940 WIDG-MI Mail-order ad to stn. 1838 3/3, many ID's (PT= Page Taylor, Butler, N.J.)
- WGRP-PA S/off 1830 3/5 w/ FM promo (PT)
- 1140 CBI -NS Hrd // CBH 3/6, 7 ard 1700 (MC)
- 1290 WPVA-VA Hrd w/ early s/off 1812 3/12 (PT)
- 1300 WKRL-NY Hrd w/ nx , promo 1809 3/13 (RJE)
- 1410 WHAG-MD Hrd w/ID & nx 1801 3/14 (RJE)
- WELM-NY Atop w/ ID's in local nx, then CBS nx to 1815 s/off 3/14 (RJE)
- WHLN-KY S/off 1843:30 w/ all calls of relays, mobiles, etc. 3/3 (PT)
- 1530 WOBR-NC Hrd 2/27 w/ mx t/in 1835-1845 s/off o/WKY w/loop (Thomas R. Sundstrom, Willingboro, N.J.)
- 1540 WABQ-OH SID surfaced 1828 3/12 after ad (PT)
- 1560 WRIN-IN Hrd in clr. w/WXR looped & in break 1900 3/6 (PT)
- 1570 WPTN-OH Hrd s/off SSB 1843 3/7 (RJE)
- 1580 WJDN-IL Hrd s/off, FI promo 1913 3/7 (RJE) (PT)
- KWMT-LA ID surfaced briefly 1915 3/3 (PT)
- KTGR-MO Exc. sig. @ s/off 3/6 1916:30 (PT)
- KZIA-NM In 2013-2015 s/off 3/6, leaving KTUF(PT)
- KBGO-TX ID 1943 by accident whilest looking for KIRT 3/8 (PT)
- WEST-MS Hrd s/off 2/27 1845 o/CBJ just after WLIJ s/off(TRS)
- 1600 WCPK-VA Hrd briefly w/rr o/WCPK u/WRL 1805 3/7 (RJE) s/off o/u WHOL 1815 3/6. (PT)
- WHOL-PA Hrd s/off o/u WCPK 1815 3/6 (PT) \*\* Ah, closest unheard, and, despite this, it's still unheard. -RJE
- WTEU-WV Hrd s/off 1830 3/6 (PT)
- xx 880 KRNV-NE Logged 1907-29 3/10. Went on 3/7, in for 1/2 hr or more w/ nx (Boyd)

midnight to sunrise

- 620 WJNR-WV Noted in RS w/rr 0506-10+ o/u WETE, WSN, etc. 3/5 (Boyd)
- 740 CBHM-MI Hrd s/on 0427 faded up to S3 by 0430. Hrd to 0500 t/out 2/27 (Ron Musco, Windsor, Ct.)
- 790 CHIC-ON Ending wx 0100 2/23 follo by mx (PT)
- 850 WJAC-PA Seems to be AN now. Noted u/WJW several AM's recently (Boyd)
- 860 CBH -NS Noted 0535 w/ all-nx stuff, lots of local info. Guess s/on 0530 now (??) (Boyd) 3/5
- 920 WEEL-FL In for call chg., 0131-9 w/ Top 40, MoR, spots. (Boyd) 3/1

- 920 WGGI-WV Hrd w/ nx, ID 2203 3/9 in aurora (RJE)
- 950 WHPA-SC On top well o/WPEN 0500 s/on w/WNJ off, hrumm. 3/5(Boyd)
- 1050 WUPX-MS TT hrd 0210-0220 3/6 but no positive ID hrd due to strong CHUM, XEG. (MC)\*\* Speaking of which, reminds me... Recent item here from PKH mentioned QRM from XEG. T'was my error, the stn. mentioned was really XED, Mexicali -RJE
- 1060 KRLL-TX Hrd u/WTIC ard 0100 3/6 w/ religion (MC)
- 1140 CJTR-QZ Hrd hammering WRVA 0200 3/6. AN + rr, ugh. (RM) \*\* Ron, they had their pattern outta whack for a while & were on day pattern then. Nite pattern severely north protecting WRVA is now operational. RJE
- 1240 WJTN-NY W/ top 40, nx headlines, spots. 0258-0303 3/3(Boyd) (RM)
- WOCB-MA FAS card Sat. Hrd w/ much QRM w/ TT, IDs, cw ID's 3/6 0035-0100
- WJTN-NY (Revisited, hi - RJE) S/off thru mess 0056 3/6 w/SSB, change log, (RM)
- unID-NY TT hrd 0215-30+ 3/6. Faint ID 0215 mentioned NY but missed call, town. Help?? (RM) \*\* Hrd TT here too, but ID too wk to nail down. If you find out, let me know, as hrd same times.RJE
- WJUN-PA Barely squeaked thru WBBB 3/4 TEST. Lots of TT, one ID 0117%, and that poorly modulated, also annr. had soft voice too. (Andy Rugg, Pointe Claire, Pa)
- WGBS-PA Noted w/ long-winded s/off 0008-0012 3/4. Ment. s/on 0600 (Rugg)
- 1270 WJIN-TN Hrd w/ ad, ID briefly atop 2342 3/9 (RJE)
- WJUN-MS W/ c&w morning annr sed AN, well o/KFJZ & unID TT (\*\*or het?? -RJE) to WXYZ s/on 0500 3/5. (Boyd). \*\* CM varies between 1268 & 1269.2 and hets badly here, Wes. -RJE
- 1310 WTTL-NY Atop w/ID clr ment. twin stn in Americas, Ga 2330 2/24 (PT)
- 1340 WOKB-SC Hrd ending wx 0015 2/25 (PT)
- 1380 unID K-call seemingly on ET w/almost back-to-back Jackson 5 cuts 0401-12 + 3/5. Sounded like K-AT or K-ET (Boyd) (LATER) By playing tape back many times turned up ID KJET-TX!
- 1410 WLAQ-GA Atop freq. 0025 3/13 (RJE)
- \* 1450 WJTC-NJ Noted on past 0201 s/off listed, fair to 0225+ 3/9. (Boyd)
- + WJGO-PA S/off 0202 last couple AM's. 3/8,9. (Boyd)
- + 1490 WARD-PA Now AN-MoR-Top 40, sez 24 hrs. Hrd 3/8 0315 (Boyd)
- 1540 WPTS-PA Good sigs o/KXEL u/WPTR 0615 s/on SSB 3/3 (Boyd)
- \* 1550 KXJO-MO Noted battling WOKJ 0210-45 3/4 w/ femme DJ & Top 40, extended sked? (Boyd)
- unID Hrd 3/5 0315-0335 w/fem. DJ and Top 40, DA switched on & off, stronger than WOKJ. (MC) \*\* T'was the above - RJE
- KIWA-LA TEST hrd well 0300+ 3/6 w/standards, big bands & freq. ID's(MC)
- TEST hrd L&C w/organ mx, noTT, calls from Ore & Alta 0300-25 t/out (RM) Did quite well, calls from Alta., Ore., NYC, D.C. during 0310-40 (Boyd) \*\* Wes, if he does an annual PoP, sked one next yr., why wait 2 yrs. PT & I both gave up early that AM due to static & bad cx. I note others did too... -RJE
- Hrd on TEST , taped 0330-0400 w/mx, soliciting calls. Good sigs despite static, alone on freq. (TRS) \*\* Drat - RJE
- \* KRHI-CA S/off SSB 0258 whilest waiting for KIWA;change log. (RM) \*\* Not really, s/off is variable ard 0300, but really anywhere from 0230-0345 or so...-RJE
- 1560 WTAI-FL Hrd 2/27 s/on SSB-less 0645 w/ good sig. (TRS)
- WAFI-KY Hrd 0615 s/on SSB just ahead of 2 unreadable s/ons 3/5 (TRS)
- 1500 WLLA-VA Noted 0114-0129 w/PoP 3/9 (Boyd)
- 1600 WAAH-VI Hrd w/rr 3/1 0100 u/WRL w/ CJRN on 710 & WJNR off recently @ mdt. (MI)
- Hrd here w/talk 0013 after WJNR s/off SSB 0010 3/13 (RJE)
- WATR-VA S/off now 0010 (RJE)
- WJNR-ID S/off SSB 0002 3/13 u/WRL,WJNR (RJE)
- WFOU-FL S/off SSB o/WJNX,WJNR, u/WRL 3/12 2359. (RJE) Thassit, 73, GUN 7, etc. RJE



# RECEIVER REPORT:

## Lafayette HA-600-A

Ron Schatz

The passing of recent years has witnessed a number of trends in the field of DX receivers. Other than the inevitable switch to solid state, we find most Q-multipliers, crystal filters, and even some IF coils falling to ceramic and mechanical filters; product detectors (which extract the audio as a heterodyne rather than by rectifying and smoothing the RF with a diode and capacitor) are now commonplace for CW and SSB reception; many receivers now include the long-wave beacon/broadcast band in their repertoire; and few lack facilities for instant mobile use.

Unfortunately, another trend is apparent: Communications receivers just aren't selling well enough these days, so their manufacturers are limiting the number of new designs available, thus leaving the DX'er with a much smaller list of choices from which to choose. Lafayette Radio Electronics is one such company; all they have left for us today is their HA-600A; but, like their highly successful HE-30 of a decade ago, it is THE model of today's communications receivers selling in the range of \$100.

Lafayette has a well-known policy of employing simple, textbook circuitry and Japanese labour in their products, enabling them to offer features otherwise not available at such prices. Their HA-600A, while it does have some annoying limitations, is no exception. All the features mentioned in the first paragraph are present, also 2 FET's in the RF stage, series-gate ANL, "send" position, muting facilities, S-meter, electrical bandspread, BFO, and antenna trimmer. Internally, the S-meter, AVC, and regulated power supply are all adjustable via small disc potentiometers, and a two-element mechanical filter offers the usual no-device selectivity.

The Lafayette HA-600A may qualify as the most handsome communications receiver on the market. The light-grey cabinet contrasts well with the black frame in front and the aluminium controls. And the dial itself is in living colour: The main-tuning and amateur bandspread scales (five each) glow an iridescent blue and are divided by Lafayette's familiar zig-zag logging scale in gold. The S meter glows blue and red on the units and dB-over portions respectively. The indicators are in red. The front of the set is swept back "windshield" fashion, which tends to offer a better viewing angle for most situations as well as give the receiver a "sleek" (we quote the company) appearance.

Well, so it's pretty; but how does the HA-600A perform - quality wise?:

**Sensitivity:** The HA-600A is extremely sensitive on all bands, from the European broadcasters below 200 kHz to the din of CB bootleggers around 27 MHz. WWV pins the S-meter on 25 mHz at noon and on 2.5 MHz at night, even in Miami. We just cannot see adding a preamp to this receiver, even after modification with a mechanical filter.

**Selectivity:** As long as you don't want to hear splits it's OK - adequate enough for domestic DX. Otherwise, remove the filter-coil

cans on the underside and replace them directly with (preferably) two Kokusai mechanical filters or equivalent. Then you can match general reception to that of the SPR-4 or R-390!

**Frequency determination:** We must rate this as poor. Although frequency-dial alignment is excellent (no uncomfortable side-viewing at all!), the bandspread is too non-linear for determining frequencies by interpolation. However, accurate guesses to within a kHz or two are possible on the lower bands with some practise. (The author solved the whole problem - with a frequency counter!)

**Other characteristics:** AVC action is extremely strong, so that some distant Cubans seem to be received as well as the locals in Miami during the daytime. Tune the dial to a dead spot, and the background noise will be overwhelming (the high sensitivity pulls it in), but anything but the weakest splits will cover the noise completely with a solid carrier. This gives the impression that reception on the HA-600A is rather noisy, but remember that a receiver that doesn't pick up noise won't receive equal-strength signals neither!

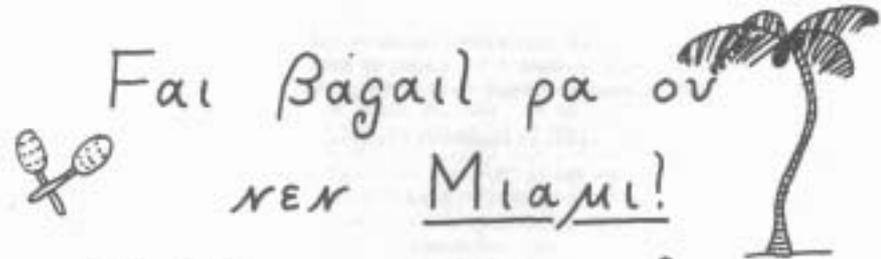
For some reason, the S-meter seems to read the same for any signal falling under the influence of the powerful AVC, be it a superlocal or a weak semi-local. Enough delay is present in the AVC circuitry to permit viewing SAH's (sub-audible heterodynes, i.e., what you see when your meter pointer wiggles) but no more.

Because of the extremely high sensitivity of the HA-600A, external mixing may be a problem in the vicinity of powerful local stations. Keeping the RF Gain control at 4/5 maximum position seems to remedy the situation. The ANL works very well relative to its detrimental effect on audio quality.

Other anatomical features of the HA-600A include both 8 and 500-ohm speaker outputs, low-impedance headphone jack in front, and a tape-recorder output (which takes a standard RCA-type plug).

The Lafayette HA-600A weighs about 26 pounds and costs some \$109 with its matching speaker (HE-48C). For those DX'ers who plan to add the appropriate mechanical filter(s), we highly recommend this receiver over any other in its price range.

-30-



Fai Bagail pa ov  
KEN Miami!

L'hè?: 1-4 SEPTEMBER 1972.

# A History of WBZ..

Sheldon Swartz

Called in to HQ from Shel Swartz is somewhat of a history of WBZ radio from 1921 to 1942...

- SEPT. 15, 1921- WBZ licensed to Springfield, Mass. on 360 meters (831 kHz.) with power input of 1500 watts
- SEPT. 19, 1921- WBZ began its first year of broadcasting
- MAY 15, 1923- switched to 370 meters, 750 watts input
- AUGUST 14, 1923- switched to 337 m., 750 watts input
- NOV. 1, 1923- raised power to 1000 watts input
- JULY 23, 1924- increased power to 1500 watts input on 337 m.
- NOV. 15, 1924- WBZA came on the air from the Hotel Brunswick in Boston, 337 m., input of 250 watts, self excited and (I assume, since they later switched to crystal control) not crystal controlled
- JAN. 23, 1925- WBZ and WBZA both switched over to 331 meters w/1500 w. input
- MAR. 17, 1925-WBZA goes crystal-controlled, 333.1 m. (about 900 kHz.) with 250 watt input
- APR. 27, 1925- Both stations increase power to 2000 watts input on 333.1 m/
- AUG. 1, 1925- WBZA crystal controlled on 242 m. w/250 watts input
- NOV. 1925- Both stations form network with WJZ-New York (later to become part of the NBC "Blue Network" which later became ABC)
- MAR. 21, 1926- Both stations increase power to 5000 watts input
- APR. 25, 1926- WBZA attempted to synchronize transmissions with WBZ, this move unsuccessful as "frequency was too high", WBZA was on 250 watts
- MAY 20, 1926- WBZA successfully synchronizes transmissions with WBZ on 333.1 meters
- JUL. 2, 1926- WBZ and WBZA permanently synchronized
- JAN. 1, 1927- Both stations join NBC Blue Network
- MAR. 13, 1931- New 50 kw. transmitter installed at Millis, Mass.; WBZ was on the air with programming for 24 hours that day (first all-night station?)... at this time, WBZ and WBZA switched cities, i.e. WBZ, formerly in Springfield, went to Boston, WBZA to Springfield
- JULY 27, 1940- WBZ XR moved to Hull, Mass. where it still stands today
- JUNE 15, 1942- Both stations switch to the NBC Red Network

From the info I received from Swartz, it is not known when WBZ actually went to 1030, I presume that WBZ changed freq. when the NARBA treaty went into effect sometime in the early '40s. Anyone know for sure?

-CDP-

\*\*\*\*\*

--- Jerry Starr has hit some bad luck also (we're all having our bad times), he's asked HQ to notify the membership that the YAD get together has been POSTPONED until further notice. Jerry says he will try to re-schedule the DX fest for a convenient long weekend sometime closer to early summer. So, to contradict ourselves DON'T GO TO YAD LAND EASTER WEEKEND, it's off. --- Nothing much else to say from here, GPN seems to be winning in the battle against the mighty insurance companies, and BGK took off for Denver on an NRC leave of absence, hi. He'll be back in time to finish the Domestic Contest results, hopefully.... more next time.

BPC

DAVID KABLE - 29247 Waldensia - Wickliffe, Ohio - 44092

I am a new member, as of 1/29, so I better introduce myself. I've been DXing on the AM band as of three years ago, DXing only the Eastern clear channel powerhouses. Only last year I started to get more serious, and started DXing the other frequencies. Well, I am 16 years old and use an Allied A-2515 radio. I am also a Canadian citizen. I have three antennas set up: a 3' loop, 75' N/S wire & a big clunk of wire in the attic. So far, 265 stations in the log book, & 101 veries. Mu location, which is about ten miles NE of Cleveland, O. is a pretty good one. I'm afraid that I'm more of a TV DXer than a radio DXer. It is practically a miracle that I saved the money up to join NRC. I think that the NRC is the greatest organization I've ever seen! But I only have one gripe against the NRC. I sent \$17.25 to the NRC to join; \$13 first class, \$1 new member fee, \$3.25 for NRC Domestic Log. So now, six weeks later, I haven't received my new member kit, nor my domestic station book. I wrote HQ a few weeks ago, but no action. would like to correspond to other TV DXers, and anyone else. Well, here's some hot news. The local powerhouse here, WKYC-1100, is changing owners, & in an article in The Cleveland Press, the new owner said, "And believe it or not, we still haven't come up with any new call letters!" So I guess that if you want a WKYC v/q you'd better write soon! 73s to all, & more later. (We hope so, David, & thank you for a hot tip - I for one need a WKYC verie. Sorry I had to cut out all the sentences about your TV DX activities, David - I hope you understand -ERC)

NOE KURETH - Box 138 - New Windsor, Maryland - 21776

I finally reached #1,300 in logbook this week. The next 100 will probably be harder. CX recently are mixed, mostly Auroral with some periods when TAs are noted. Past MMs have been clear & cold but with static! It's like DXing a thunderstorm somewhere. 2/28- WWVA noted on @ 3:22, so that takes care of that channel MM. KFJZ strong o/Cuban w/rr 3:30. WKFE-1550 R. Cafe w/EE & SS @ 4:01, this one's easy most MMs even without Auroral help. Finally, WAPB-690 o/WPTF, w/WCEM looped, 4:20. CMDN-870 w/tele-talk w/Angela David in EE @ 4:10. CBI-1140 s/on 4:45 but @ 4:50 a week later. WSB-1230 5:03 w/local announcements & NX & ID. MM3/6- KIWA-1550 TEST in well, mentioning phone call from Oregon. Nice to know a 500 watter can still get coast-to-coast. 4:00, KBIG-740 OC test & ID o/KCMC & I thought I heard traces of a KCBS ID. XEMO w/s/off 4:30 on 860, looped unID SS. WHAP-1340 only station on that channel @ 4:45. 3/7- WTCR-1420 ET, ID @ 12:30am. #1,300 in log was the Swiss on 1562 in FF, wiping out the Cuban # WIKR on 1560. I added El Salvador to the country list 3/10 w/YSCF-1155 San Miguel w/complete s/off @ 12:33 over "Holiday for Strings", sounded like more than lkw. TGN-730 R. Cultural w/NX & light "easy listening" mx 1-1:21 fade & a strong r. Melodia on 730 same times. Is this XEX' slogan? RX here is a Hallicrafters SX-43 & the SM-1. I'm trying to swing the YAD-II but my oil shows traces of water (in the car) so something's amiss. 73.

BRUCE PORTYER - 14056 Fifth Avenue South - Seattle, Washington - 98168

Hi. Not too much to say this time but some DX to report. 2/17- KVCV-600 w/MoR u/CJOR 12:20am. 2/18- KZUN-630 atop looped KGDN/KIDO w/"Lucky De-cal" promo 10:12am for milestone catch #1,000. On MM 2/21 there was a big DX session at IRCAN Paul Petersky's which resulted in KIVM-1350 @ 3:45 w/rr, KDES-920 w/rr @ 4, WQWO-1190 w/spots & farm NX 5:20 until KEX returned @ 5:30. Much-wanted WRVA-1140 fighting CKXL w/NX & bank ad 6:05, wiped out by KAYO slop 6:07 & KS00 s/on @ 6:08. WRVA was my fourth Va. catch, nothing like getting the easy ones last, is there, hi. KQAM-860 atop w/c/w & NX @ 6:29, WCFL-1000 atop w/rr & WX @ 6:15, second time heard, & KMCL-1240 s/on @ 8. 2/24 SSS saw KTRT-1400 w/WX poking through nulled KINTT @ 8:33pm. 2/27- KNBA-1190 w/250w was battling 50kw KEX with horse racing 8:35-8:44 s/off. 2/27 AM was slightly Auroral. XERH-1500 Panchoero mx & R. Tricolor ID u/KXRX @ 7, unID SS-760 w/SS & EE rr 7:30-7:50, seemed to mention two different R. --- slogans around 7:40, one sounded like R. Segalpa or similar. Naturally, there was nothing close listed in the IA Log. SAN-890 w/pips @ 8, mystery station of the morning was on 930 @ 8:05 w/vocal SSB, then presumed s/on announcement followed by the last couple of lines of the SSB sung over again. Way too much KHJ/CJCA to ID - ideas? 2/27 SSS saw much-wanted KSYC-1490 added w/MoR @ 8:37. 3/3 was a red letter day. At 9:30am local KAYO-1150 was off for a-

bout four seconds to change XR power, just long enough for the words "KPUL AM & FM, Pullman, Washington,, R.L. Hoover station..." to poke through the ether & put Washington as 100% heard. That night HUFF-1210 heard w/Todelar promo o/WCAU @ 2:11am, also heard was an unID TF o/u HUFF/WCAU from 2:05 to 2:32 3/4. It was not heard the next night & seemed to be right on frequency so probably not a het - probably KGYM with my luck, hi. Last but not least is KGFY-1060 r/c @ 2:30-2:45 3/5 o/u CFCN/KPAY. Gasp - what a bundle - maybe I should quit before everyone falls asleep on me, hi. Two veries in: WRVA & KREX, both v/q. To all FTRFRAN programmers, 7.3E plus 1. (?? -ERC) To everyone else, 73.

ROBERT E. FISCHER - Box 94 - Newark, Delaware - 19711  
 I'm trying to get Steve Roberts (47 East Cleveland Avenue, Newark, Del. 19711) to join NRC. His shack includes an SP-600JX17, R390/URR and a ECB RX called a BC-344 (surplus), among other items. His real bag lately is RUTY (radio teletype). I hooked the SM-2 up to the SP-600 & the high gain was demonstrated. It really hyped him up, & he plans to buy one. TVI & fluorescents there prevented hearing any good signals. Last evening, 3/8, was the first good DX night here in over two months, simply because the TVI was absent. (It's back to night, hi). I picked up good signals from some IA splits which I never heard good before, between 7-8pm: SRS-725 Paramaribo, 4VEF-1035 Haiti (first time ever heard here) & unID IA-1146A. I suppose this is old crow to most, but it's exciting to hear them for the first time. I tried the upper part of the band for some of the better Europeans, but no luck, & there was too much noise (also associated w/my location) to really hear any weak signals. Sometimes I think the only solution is to take the whole rig out in the middle of the woods & hope I hear some DX before I freeze or get eaten up by the mosquitoes which infest this place as soon as it warms up. If things go the way I plan, next year at this time I'll be DXing from a Rocky Mountain location. The TAs won't amount to anything, but I'd rather have the mountains.

JIM REID Jr. - 4 Clancy Street - Swansea, Massachusetts - 02777  
 Hi! It seems like I get several new catches every time I listen. Lately, I've been doing most of my DXing around SSS, & CX in the house do not permit me to DX MMs, & I realize what I'm missing! Some of the older RXes just do not have provisions for headphones. Now on to the new DX: 2/27- 5:15pm WVSC-990 w/diet commercial, ad for livestock feeders & female vocal until 5:18 fadeout; WHOO-990 heard just before in W/KW null w/Ai NX, sure sounded funny as WLKW carries Ai also; 5:35pm saw WWWF-990 w/ad for Barnum & Bailey Circus vary very weak in QRM. 7:31pm, WMYR-1410 w/ID & commercial, briefly on top, but WPOP in there dominating weakly. 2/29 (leap) WWLE-1170 ID only w/heavy QRM but weak, heard w/FFC, WWVA, in WWLC partial null (ID @ 4:54pm); WVIP-1310 o/strong daytime-dominant WJCH w/Ai NX, into mess @ 5:02pm, then o/again @ 5:05 w/WX. 5:29, WHHO-1320 w/Donny Ismond song & another chicken rr in WARA null. 5:42pm, WSWF-1110 heard again after slight absence o/u WBT until s/off @ 5:45; someone u/WBAL-1090 @ 5:50 w/WILD off. Who could it be? 9:47pm, WVOJ-1320 ID & what sounded like c/w & a commercial. 10:03pm, CHRD-1480 definitely heard w/pretty good signals w/super-local WSAR null in the best I could do with them, heard w/FF talk. I can see WSAR's four towers from my location & they cease spurs on 570 & 1320k; sure was good hearing the Canadian pull through! 3/3- 5:28pm, WLBR-1270 heard w/pile; 5:34, WMM-1240 after months of trying, ID & commercials w/QRM w/WEZE nulled. 3/5- 5pm, WAJK-1280 w/NX & WX of heavy snow warning, list of cancellations. I've got a good log on them as they were on top of WEIM/WADO for a good while; 5:10pm, WENR-1260 w/ID & SID u/WEZE. 5:31, WGBB-1240 ID of a tough graveyarder & mention of WX for L.I., briefly o/mess, then gone; WATN-1240 heard @ 5:37 w/mx request for Water town (rr); 5:57pm saw WUST-1120 w/gospel-type mx. So much for the DX. I'm curious to know how far my locals WALE-1400 and WSAR-1480 have been heard - anyone? How about a tip for my first TA, ERC? That's about it for now. (I think the two easiest TAs are Dakar-764 (s/on lam) & Germany-1586, AN -ERC)

There is an Atlantic-type sort of spa - It's really not so very, yah - So pack up your duds and soak up those suds - and head for Miami, Fla! September 1-2-3-yah.

RONALD F. SCHATZ - Box 2814 - AMF - Miami, Florida - 33159  
 Greetings! Well, we're back to DXing again, but little new. Until the novelty wears off I'll be measuring frequencies, especially TAs against the latest EBU list, with my newly-acquired Heathkit IB-101 frequency counter. It takes about a minute to get a reading to within a Hertz or two, this using the zero-beat method with a signal generator. Now I'm getting to know the stations by frequency, frequency stability, fate & direction of drift, etc. E.g., CMHK is losing a few Hz nightly, its frequency on 3/10 being 1306.435k. The het on 760 is being caused by CMCI on 760.323k. A few more: TIRICA-625080, TGRY-633960, CMXXH-854509, HOJZ-1046708, CMKI-1059358, CMJI-740105, CMKD-1210325 CMJG-1269384, and CMGB-1559971. Perhaps we can start an IA "Split List" as a regular feature of DX NEWS, similar to EBUs. Anyone else so equipped want to join in? Otherwise, only antenna here is a portable vertical. Vandals have forced me to arrange a "plumb-line" arrangement (thi thenor) on a fishing line. When I'm not around to guard it I just reel it in! Length is some 20 metres. Congratulations to Boston on getting the ANARC Convention, & thanks to NRC's representatives to that beneficial" organization for picking Boston over Miami, as that will save me the headache of running two Conventions simultaneously. Speaking of conventions, it looks like "Coral Gables in '72" for us, as the Playboy Plaza on the Beach is a steel-frame building. It's not definite yet, though. Other indefinite & hopeful plans: Banquet in Don Julio's restaurant (Mexican, Cuban, & American food available), a beach picnic on Sunda7 (and more Cuban food - like hangurgesas, cerveza, etc. self-guided tours to stations & local sights for those with wheels, lectures and demonstrations, & mucho mas. There are rumors that Capt. Glotz will also be there - how about you? 73 & reality is ...

JAY MURLEY - 1733 Candlestick - Newport Beach, California - 92660  
 Only 30 or so of our six-dozen stations are AM, making the logging easier of L.A. stations. The ethnics first: KGFJ-1230 is R&B w/hourly NX & a heavy concentration of spiritual mx after 7am EST. KWKW is Latin, heavily Mexican mx w/Dodgers BB & boxing in SS @ night on 1300. KALI-1430 is heavier into Mexican Nortena (a repetitious accordion-dominated polka beat) w/NX @ :00 & :30 in SS. To NX & Talk: KFWD-990 is a Group-W all-NX operation. KABC-790 is largely tele-talk w/NX coverage, especially in drive time. AN man is ultra-conservative Ray Briem. Lakers EKB is still in effect but might happen to shift stations next year. KNX-1070 is CBS, basically all-NX. Daytimer KTYM-1460 & KGER-1390 remain paid religion to the greatest extent possible - but call themselves NX & Information stations. There are now five c/w stations: KBBQ-1500 KROX-1280 KIEV-870 KIAC-570 & KWOW-1600. Of the 16 rrs in L.A., six are on AM - the three progressive rr AMs are KDAY-1580, very rarely reported KPCC-1240 (probably Cal's toughest logging for most) & KRJA-1110. With the infusion of more album cuts & more uninterrupted mx into the Drake format, as the highly stylized straight Top 40 approach is losing creative steam, the differences between progressive & Top 40 are becoming blurred here. KEZY-1190, KHJ-930 & KGES-1020 are straight rr. KGES does sked talk programming on MMs of course. KPAC-1330 remains L.A.'s only AM cl mx station. Discounting all the various non-commercial FMs that leaves 24 MoR, eight on BCB. KFI-640 features a varied lineup, including Dodgers BB, USC EKB & Kings Hockey. Scott Ellsworth & Paul Compton handle the night shift. KBIG-740 has NX @ :25 & Seawatch (boating CX) @ :55. KGIL-1260 share mx & personalities honors w/KFI & KMPC but is narrowly slanted to the San Fernando Valley. KMPC-710 has J. Magnus, C. Race and P. Smith at night. Night play by play includes the Angels & UCLA EKB. If SSS occurs potential for you, try KMPC's traffic reports. They cover L.A.'s 23 freeways w/four aircraft & eight ground units, surpassing KFI KABC & KFWD. KWIZ-1480 melds oldies but goodies w/balanced standards & contemporary; certain live shows are simulcast on KLOK-1170 in SanJose. The remaining three MoRs are wall-to-wall: KIIS-1150 KPOL-1540 & KSOM-1510. For ratings watchers, KFI KHJ & KMPC remain the top three all w/commercial rates opening about \$140 per one-minute announcement.

FRANK WALDRON - RPO 137 - Rutgers University - New Brunswick, New Jersey - 08903  
 Greetings, all you strange DXer-types. Us Rutgers people aren't famous for our DXing accomplishments (try some dorm DX sometime), although we oc-

asionally do escape to the outside world. I wish I'd been at the DX peak with CX the way they've sometimes been this past season; some of the stuff being heard now just wasn't possible back in '68-'70. My totals have remained stagnant at roughly 1,200/700 heard/verified, 47/46 states, 10/10 provinces, & 38/28 countries since late 1970. My DXing activity was inversely proportional to the amount of social activity carried out, and finally DXing was squeezed out almost altogether. However, through NRC I met a lot of people and made a lot of friends I'd never have come in contact with in any other way. I never found IRCA to be as an enjoyable experience as NRC, now more so than ever. Besides, NRC doesn't find it necessary to expel people who question the integrity of the "Administration"! Only worthwhile DX activity as of late was heard up on Cape Cod. At MD's place we somehow managed to get the mighty 84w WQGO-1550 on the unpublicized TEST on 1/33. Marc demonstrated other strange aspects of Cape Cod, among them the Maritime day DX up there. Things like CKBW-1000 CFBC-930 CHSJ-1150 (o/WGCP) CBD-1110 & CBK-1070 were all audible on the car RX on groundwave from the eastern shore, distances being in the vicinity of 450 miles. Don't none of you folks get down on old ERC; the man's got a job to do and does it as conscientiously as he can - how many of you could type 26 years of Musings? See all you insane people at mad YAD. (Thanks for the kind words, Frank! It has been - and still is - most enjoyable for me! -ERC)

RICHARD LAUHEAD - 591 W. Co. Rd. B. - St. Paul, Minnesota - 55113  
 KRVN is finally RS on 880 as of 3/6. First heard here on 3/11 @ 7:30pm w/state EKB tournament. Tremendous signal until 7:45 antenna direction change, then just barely readable. Report sent. Some of the better DX since my last Muse: 1/24- rVEF-1035 DX program fair w/bad QRM from XEQR & WHO; KICK-1340 r/c good @ 3:50. 1/280 KSIW-1450 w/r/c fair @ 1:53. 1/31- CFCC-630 fair @ 2:35. 2/5- WACO-1460 fair @ 1:25. 2/10- CKLC fair @ 2:05 s/off. 2/11- KPFA-1310 poor @ 2 s/off. 2/12- K000-1420 way u/KTQE @ 6:27pm. 2/17- much wanted KRG1-1430 fair @ 10:28 - no sign of pest CKFH. 2/27- KJEM-800 fair @ 7:14 SSS; KFLP-900 ex-KFLD good @ 7:14 SSS, IDs as K-Flip. 3/4- KBYE-89 way o/WLS @ 7:25. 3/6- XEOY-1000 finally logged u/KTOK; KBTA-1340 poor f/c @ 2:50; WCOL-1230 good @ 3:10. I am now nine short of my goal of 500 logged by the end of my first year (4/11). I should make it easy. 73s.

ERNEST R. COOPER - 438 East 21 Street - CARRIER ROUTE 56 - Brooklyn, N.Y. 11226  
 Veries: CFR-680 ex-CHFI (which is now their FM call) & unnn WOCB-1240-TEST as the result of phone call during the TEST. They're surely coming back slowly. We are having trouble again with the mails - Eric DiRicco had TWO letters correctly addressed to here, but without CARRIER ROUTE 56 on them, returned to him "no such number". We've sent them plus the complaint to Mr. Ordway, whose address was in one of the January DX NEWSes. Anyone else having letters returned which were correctly addressed to me? If so, please send me the envelopes to send to Mr. Ordway. DX: MM 3/13- Unn WCBG-1590 on PoP-TT most of AM, way atop here. UnID TTs noted around 2:30 on 1230, 1270, & 1400, all atop their spots. And lo and behold, there's WOR's second harmonic back again on 1120! A spooky signal, but muffled, and topping WHK and WBSM if they were on, & a card to WOR's CE complaining about it. There was an FFC behind all this on 1420, CJMT? CJTR-1140 could be heard, but was weak & stopped by NEW-1130. I got a report on WML-920, ex-WMEG, AN-rr & on top this week, a semi-Auroral one. WABC-770 was off, WHN-1050 on. That twilight, WLLW/WWLE/WBHW-1170 were like a can of worms, wiggling around up & down with one another, all to about 5:59pm when suddenly FF CFML faded up and in & s/off @ 6:01½, leaving WWA all alone. Same thing next eve! On Tuesday AM 3/14 I noted more woe for NYC area DXers - WRNX-1380 was back ANing in SS, giving NYC now three SS ANs on 1280-1380-1480. Wed. AM 3/15- WBT noted silent @ 1:57 tunein & WRNX on again. Somebody w/low-pitched TT on 690 u, CMBC, no IDs caught, @ 2:04am & on. OK, lads - that wraps it up for another week, & C U N G.

WE HAD TO CLOSE OUT THIS ISSUE ON WEDNESDAY, MARCH 15th INSTEAD OF THE EXPECTED THURSDAY, 3/16, AS WE HAVE TICKETS TO A PLAY FOR THAT EVENING. BUT WE'LL SEE YOU AGAIN NEXT WEEK AS WE CLOSE OUT ANOTHER YEAR OF WEEKLY ISSUES OF DX NEWS & MUSINGS. SEE LAST WEEK'S ISSUE FOR DEADLINE AND MAILING DATES FOR THE REMAINING ISSUES OF VOLUME 39. AND WE'LL SEE MANY OF YOU DX-BOPPELS IN MAINT BEACH SEPTEMBER 1-2-3-4!

VERIE SIGNERS

A - A. Robins	H - C. Labelstein				
B - R. Sperry	I - T. McCormack	1050	W OFI O	H. Gorsuch, CE	H
C - R. Karchevski	J - unsigned	1090	K BqW S	P. W. Spooner, CE	H
D - J. Critchett	K - J. Renfrew		X E PqR S	u/u	C
E - W. Boyd	L - E. Cooper	1100	Z D K	Iver G. T. Bird, GM	B
F - T. Kerfoot		1110	K P O P	G. L. Prokop, CE	C
G - L. Kruse		1130	W NqL W	M. J. Weiner, CE	H
				K B G H	J. Markgraf, O, M
				K LcU C	J. C. Smith, CE
540	C Bq E F	L. Forestier, CE	G	1140	
570	K Vq I	R. Velo, CE	C	*1120	W W O L
	W F S O	D. L. Johnson, GM	L	1150	W GfO W
	K S A C	D. Staab, CE	H		E. Landau, CE
580	H I D V	Antonio Obezaz, D B		1190	K A Y Q
590	W C A O	A. A. Seibald, CE	K	1220	W A Q Y
600	K T B B	A. A. Wilekan, CE	H		D. Ingram, CE
	W T M T	C. N. Cutler, CE	H	1230	W A V N
	W J D X	W. Tenner Jr., PD	H		R. P. Lark, CE
	K Gq W	C. H. Hamawalt, CE	C	1270	K L W T
	K S X X	G. G. Jackson	K		E. Clay, CE
630	K Iq K	J. Chinski, E	H		W S T R
640	K W K A	W. C. Jones, OpM	H		J. Greenwood, CE
650	K B A T	P. Kelly, PM	H		W TqS N
	W C B M	S. Houston, CE	K		u/u, CE
	K Uq A	I. Wahle, SM	CD		W L S M
780	K D A Z	M. Sanchez, PromM	G	1280	G. E. Corkren
730	W P I T	M. Komischak, AM	H	1300	K R Z E
	W Kq I	S u/u	E	1310	J. Mullen
740	H J D K	Maria Elenor Vazques	B		R. Webb, E
750	K Gq U	T. Shigetani, CE	G		W Iq F
760	Y S K L	Manuel Antonio Flores	H		E. M. G. Smith, CE
765	J Q U B	u/u	C		G. C. Baker, CE
770	W S G W	C. Graff, CE	A	1330	W T I K
810	W Yc R	F. Metos, CE	KL		D. Partridge, M
834	Belize q	Ch. Bestg Offer	C	1350	K A B Q
850	C J J C	J. E. Chesney P, GM	H	1360	F. E. Ward, CE
	W K B Z	W. Stevens, PD	A		K I C X
	W W J C	J. B. Balcott	C		J. L. Williams, CE
860	K W H O	J. G. Dethnel, PD	H		K R Y S
	C Fq P R	C. Hadland	C	1370	L. S. Burch, CE
	C Jq B C	(A. Allan	D		W C O A
		G. Farrier, Supvr	D		D. E. Priest
870	W K A R	J. Elakesley, CE	H		W L O P
900	W Fq L N	T. D. Moyer, CE	C		H. Sheffield, E
	K Fr L P	J. Milam, CE	H	1380	K D T H
910	W F D F	G. C. Wolpert, CE	A		D. R. Abitz, CE
	K Lm C N	T. Hill, CE	F		K J E T
930	K K I N	J. Coursolle, VP	H	1390	J. McQueen, CE
	W Gq N T	C. Kissell, CE	G		W A N Y
940	W J O R	J. W. Hinton, CE	A	1400	S. H. Scott, CE
	K H O S	Carol Schwager, S	H		W D U Z
950	W G T A	W. B. Farrar, M	I		J. R. Dexter, CE
	W X G I	B. R. Wills, CE	E		W G T N
960	X E K	Edouardo Villarrea	M, H		J. Aldridge, CE
970	K J L T	J. G. Townsen, E, M J		1410	K Q V
	K V W M	S. J. Woodworth, M	H	1430	W N A V
	K I C A	I. Merryman, CE	H		R. D. Davis, Op M
	K T R M	B. B. Healon	H		W Egn E
*980	W A Y E	W. C. Millen, CE	K	1450	u/u
*910	C B O	Mrs. G. Ethier	K		K Aq Y C
1000	W I Q T	C. Scullin, CE	F		J. Basterwood, CE
					W L K S
					Dr. C. C. Smith
					W A O V
					D. Dailey, Prod M
					W Oq K
					D. Solinske, CE
					W X O K
					L. Carter, GM
					W Y D K
					H. D. Dunnagan, M
					W B L U
					A. L. Edwards, E
					K A R V
					W. C. McKenney, CE
					W D B Q
					D. P. Heim, CD
					1510
					K D K B
					J. E. Groth, CE
					1560
					K A J N
					F. J. Hebert, CE
					I
					K L T I
					L. Ebert, M
					1570
					W H I I
					T. Diaz
					W T O W
					W. L. Riley
					1580
					W K I G
					D. B. Cobb
					K
					W T F N
					C. J. Groth, CE
					I
					W P G C
					R. Woden, CE
					H
					C Bq J
					A. St.-Onge, TSU
					H
					1590
					W J S O
					u/u
					E

Let's have those verie signers, lads, but please don't send in recent repeats. Be sure to give frequency & double space! -ERC