



DX NEWS



The Magazine of the National Radio Club

VOLUME 39

APRIL 29, 1972

NUMBER 26

UNINCORPORATED™

A
POEM
OF
THANKS
?

"A cheer for the DXer who reports regularly to DX News,
Two Cheers for the editors who do an excellent job,
Three cheers for the publication crew who we couldn't get along without.
(as long as we can keep the home fires out, hi-BPC)
Thanks for another rewarding year."

(Bill Grant, Massachusetts)

THIS EXCITING ISSUE CONTAINS...

Weird,
ain't it?

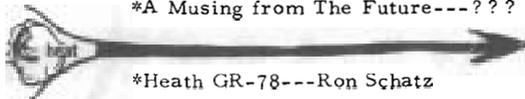
H
SPACEMATIC

*Real Page Numbers!---BPC

*International Supremacy Ratings--- Norm Maguire

*A Musing from The Future---??? (Received by ERC in a plain brown wrapper postmarked "Alvarado, Calif.") (??-BPC)

*Heath GR-78---Ron Schatz



WITH THIS ISSUE WE WELCOME...

"Mommy, what's a 'unincorporated?'"
"I don't know son, but I think he wears a mask..."

*Wendell Sterling, Indio, California

*Wm. Larry Cowles, Tucson, Arizona

*Carl Davis, Westville, Illinois

*Geoff Trower, Brighton, Sussex, England

*Tom Yingling, Jr., Dundalk, Maryland

...to the Club. We hope to be hearing from all of you here in DX News in the months to come. How about introducing yourselves to the rest of the membership via a Musing?

CAPTAIN GLOTZ says...

WE'RE STILL PLAYING CATCH-UP BALL...

... here at HQ. The official word is this: **patience**. Those of you who are still owed new member kits, be warned that it'll be a while still... please remember when your patience wears thin that things aren't all that bad, ERC heard WERA, didn't he?? But seriously, folks, the new member kits will still be a while, so keep the faith. Those of you who ordered NRC Logs when you joined (if you joined over the past three months or so) will be receiving a refund in the mail within the next month or so. We have a form letter prepared explaining the situation, and Ray, our faithful treasurer will be sending your hard-earned bread back to you as soon as the form letters are run off the hot COPYCOP presses... The word from Mark Katz is that there's 7 or 8 orders of reprints waiting to be filled; we presently have a pile of reprints being printed up so they should be filled soon. The key word is **patience, though, Keep a little on hand and you'll survive**. We recently had a run-in with a member in the midwest over non-delivery of his World Radio Handbook--- he was so impatient as to drag in a large midwestern newspaper to do battle with meager NRC Control... we're trying, though... 73/
CDP

SPECIALS

	kc/s	Power	Time
Monday, May 1	W O B L 1570 Oberlin, Ohio, 44074	250 D-3	4:00 - 4:30am EDT
Monday, May 15	W O C B 1240 West Yarmouth, Mass.	1,000 D-1	12:15 - 1:45am EDT
Monday, June 19	W I V V 1370 Vieques, Puerto Rico	5,000 U-1	12:30 - am EDT

WOBL. This is a brand new station, and this will be their first known early-morning equipment test using cycle tones and many voice IDs. We do not know if they will use any Morse Code IDs, but if they do, it will surely help! On 1570 then will also be CKIM, Montreal, and XERF, Del Rio. Send your reports to Mr. Ernest E. Dachel, Chief Engineer, WOBL Radio - Box 277 - Oberlin, Ohio, 44074. Remember, 4-4:30 a.m., Daylight Time, E.D.T. JIM WALLACE

WOGB. Since their earlier program didn't get advance publicity in DX NEWS, WOGB is happy to try again, with siren-like varying tones, Morse Code IDs and voice IDs, and no music, on their 1 kilowatt daytime rig. They should be heard at some distances where there's no 1240 local operating. Phone calls wanted, at 617-775-0500, where Sheldon Swartz of NRC will be standing by to hear from you. Reports go to Mr. Burt Fisher, Chief Engineer, WOGB Radio - South Sea Avenue - West Yarmouth, Massachusetts - 02673. SHELDON SWARTZ.

CLIPPINGS

Some of our members have been sending in clippings for use in DX NEWS with their Musings. The offset printing is done in Boston, lads, so why send such things to Brooklyn? They then have to be forwarded to Boston at Club expense.

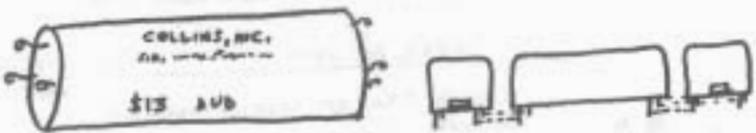
HEARD SINCE LAST ISSUE		"AN" SITUATION	
1000	K K I M (location??)	OFF-	560 K L Z/ON 1450 WWS C NSP
1590	W Q T C (location??)	ON-	550 W G N G Seems NAF, is MoR
920	K K L S Ex-KEZU	ON-	1340 W H A T On MMs, maybe NSP?
		ON-	620 W H E N Seems NS! - on MMs MoR

We want the radio networks of the various baseball clubs, so if you can get any we haven't yet published, it would be appreciated if you would send them to Ernest R. Cooper, 438 East 21 Street, Carrier Route 56, Brooklyn, N.Y. 11226, along with a Musing and your latest verie signers, but all on separate sheets of paper, if you will, and all double-spaced, please.

NEXT ISSUE IN TWO WEEKS, THEN THREE WEEKS AFTER THAT ONE COMES THE NEXT DX NEWS.

ERNEST R. COOPER - 438 East 21 St. - carrier route 56 - Brooklyn, N.Y. - 11226
 One verie is a v/q from WGNB, an old WXTR card with a WGNB gold-colored sticker over the call letter's place. MM 4/10- I had my buzz from 850 to 1290 kc/s. all AM, isn't that a gas? At 3:09, I noted WTRX-1330, umm, on ET, way o/WHOT. Then @ 3:17, WFBC-1330 noted doing likewise. WHEN-620 noted on AN w/MoR, and o/WSUN - looks like 620 is shot now. Then we found WGNB-550 on AN w/MoR and took a log - this is ex-WXTR, Pawtucket, R.I., only 500W. It's a tough frequency, but it could be your best bet for Rhode Island! Fri. 4/14, I awoke, thanks to Mother Nature, and I tried the dial. I noted WHAS-840 AN, but Dolly was gone, and I noted 1090 nice and open with no sign of WBAL. That PM, I heard new WSTW-1310 s/off @ 6:59, but no log gotten through oodles of others, including WCAM WJTK & WNAB also signing off. WSIW s/on @ 6, they said. MM 4/17- Umm WHHO-1320 on ET/M @ 2:05. That Cuban Minute Man on 1560 seems louder now, they must have gotten new batteries. KKJO-1550 noted on f/c-TT @ 2:27 to 2:30 off. While listening to the SS on 1500, I heard a part of an ID of a tester @ 2:49 - anybody else catch the calls? WTRX-1330 ETing again this week @ 3:32, & WHAT-1340 noted atop w/II show, MoR. WWSO-1450 seems NSP now too, with a tele-talk show 12-4am. CKCM was atop 980 @ 3:54 w/rr. WCLS-1580, umm, also noted testing @ 4:09. Acting on a tip for WNRV-990, I tried 6:45-7pm this eve, only to find WWSO-990 completely in charge of things, no WNRV, but a weak WIBC under. On Wed. 4/19, I had a c/w atop 990 @ 6:30-6:41 when they took a mozey and didn't fade back in again, and then it was WWSO again. I disagree with Jerry Strrre's "I think with most it is merely a combo of Pride, Jealousy, & "WINS does it, so must WWSO" attitude. Does anyone really believe the N.Y.C. area needs 30 ANers (AM & FM?) C U N 14.

"M.F." stands for:



It also stands for:



TROPICAL PARADISE of palms and surf - HAVEN for millions fleeing the BITTER cold and SMOG of the INDUSTRIAL NORTH - SITE of the:

1972 N.R.C. CONVENCIÓN
 Labour-Day WEEKEND!

- And do you CATS know what else "M.F." stands for??

("middle frequencies" HQ)



MUSINGS OF THE MEMBERS

ERNEST R. COOPER
438 EAST 21st STREET
carrier route 56
BROOKLYN, NY 11226

BRUCE PORTZER - 14056 Fifth Avenue - Seattle, Washington - 98168
Time again to Muse. DX? 3/15- KRVN-880 noted on RS w/MoR & religion, 10:18-midnight, really STRONG here. 3/16- KDRG-1400 s/on-SSB @ 8:05 into "Country Express". MM 3/20-saw horrendous line noise present all AM so DX was limited. I did get WFBL-1390 w/complete ID & NX @ 5, KSCJ-1360 w/NX & MoR @ 6:33, KUHL-1440 s/on @ 8, no sign of second KTYN TEST, only a superpowered CKFH @ 3:05. I also got CJOR-600 on a spur of 617 hetting CKCK @ 4:18, almost as strong as the spur n 673! I sure wish the DOT would get off their duffs and do something about this. 3/23- KLYQ-980 finally w/s/on o/u KUPI w/CKW null'd 8:01, N. Korea-820 fair w/talk @ 9 ang again @ 8:30 on 3/24 //877. 3/24- UnID-745 w/c1-scounding mx, then woman talking in what sounded like KK (Korean?? -ERC) @ 8:45, blasted to bits by light dimmer s/on a few seconds later --- gr! MM 3/27- I finally got Panama in the form of HOLB3-770 w/clear "R. Libertad" ID 3:30 for country #39. MM 4/2- KUPK-1050 r/c finally heard @ 2:20 battling someone w/ancient c/v records & spot for truck stop in Texas, XEG, I presume. I then tuned up to 1490 & left the RX & recorder on while I slept in hopes of hearing WARD DX (dreamer, hi). WARD not heard but I did get: KRNR s/off @ 3:10 w/Morman Tabernacle Choir singing "This Land is Your Land", KOWL ID during ET 3:15, KVAC, Forks, Wash. r/c @ 3:20 or so w/ many code IDs, @ 3:30 or so someone played rr & said "This is WJH--" u/KVAC but too garbled to make any sense so far. KNOW-1490 SID noted poor but readable around 4:15 for Texas graveyard #6. Some time around 4:30 I thought I got a WMPX ID but not sure, are they on at that time? Veries: Ah, yes. YSS iyc KSCJ WBAT-DX KCBQ WFEL (verie was a Xeroxed copy of a v/q), KSCO, to bring the old totals up to 1,025/459. I had reverse Ernie Cooper-itis recently. My "old faithful" typewriter (a Royal portable) went kaput so I had to use the IBM electric (my parents' typewriter) for a while. Not that I minded, hi. Looks like this has been a pretty good season, will Springtime bring DSAs & DUs? Tune in and find out. That does it from this neck of the woods. 73 & Goody X.

NANCY GANTZER - 67 Liberty Street - Fredonia, New York - 14063

After being asked if I still DX, I decided it was time to write a Musing. CX have been fair lately with a few new loggings each week. 3/10- WJSO-1590 Tenn. good w/6:30 s/off (no SSB) & "rated tri-cities" number one radio station ID. Also on 3/10, WSEV-930 Tenn. s/off (w/instrumental SSB) @ 6:42 very good o/WBEN. 3/13- KCRG-1600 Ia. excellent 7:05-7:15pm w/rr. While not DXing, on 3/22 CJSS-1220 ID good @ 9:01pm followed by rr, but faded u/WGAR after a few seconds. 3/29- WWLE-1170 N.Y. 6 s/off poor/WWVA null'd. At first I thought I had the other Cornwall (Ontario) one since all I heard was "1170-Cornwall". But, playing the tape back I found I'd missed the Croton-on-Hudson location given. Jerry B., is CPML FF? (I'm not Jerry B., but yes, they are -ERC) 3/29- WJVA-1250 Va. good w/rr 6:20-6:25. No DX Specials tried for, but one heard. ERC, who on 1580 was dedicating their PoP to NRC on 3/27 from at least 2:09-2:29? They used rr, & requested that reports be sent to a P.O. Box in what sounded like Uptown P.O. in Brooklyn, and announced 500w. power. In case anyone is interested, heard/tape totals now stand at 677/282 42/42 7/4 14/7. 73 (except 88 to all who send ERC a Musing for the May 13 issue!)

JERRY BLAKE - 2025 Klug Drive - Fort Wayne, Indiana - 46808

Greetings from Ft. Wayne. As a new member & my first report I will introduce myself. I'm 37 years old, married & two children, & have been DXing the SWL for little over a year & the AM band for about six months. I use a Realistic 150 & the new Space Magnet antenna. Some of my other hobbies are collecting old time radio shows & I belong to W.R.T. I would like to hear from other members. I can't make it to Fla. but would like to have a small gathering here somewhere in the Midwest. A couple of my catches lately are CHLO St. Thomas, WWVA, KSL, WVIC, KIMN KFI. 73s to all. (Welcome to the NRC, Jerry, & please Muse regularly! -ERC)

JERRY BOND - 1624 Clinton Avenue North - Rochester, New York - 14621

Hi gang. DX is still coming in here at a fairly steady pace, so I thought I'd better get another Musing in. Since last time, the DX looks like this 1/4- This particular evening saw a very localized opening to Memphis around SSS & five new Memphis stations were logged. They were WDIA-1070 @ 6:04pm, KWAM-990 @ 6:05, WMC-790 @ 6:06, WHBQ-1560 @ 6:07, & WMPS-680 which broke through o/CFTR for about 30 seconds @ 6:14. I was hoping for WREC-600 too but WMT had that channel very well blocked. Other newbies logged that evening were CHLO-1570 @ 6:19, KOAM-860 @ 6:20 & WSRF-1580 @ 6:29. 1/7- WAIT-820 @ 5:33pm, WKLO-1080 @ 5:36 & WAXU-1580 @ 5:44 s/off. 1/8- CBO-910 @ 1am & WCCR-1580 @ 1:30 concluding an ET. 1/9- WJML-1110 @ 5:13pm & WCHB-1440 @ 5:29. MM 1/10- This was the first MM I had stayed up past 1 since I started actively DXing last Fall & the results were very encouraging. Twenty-five newbies were heard & later on in the day 16 more were heard for a one day's total of 41. W9th a few more days like that I'll really be in business. Some of the better catches that morning were CFJR-1450 @ 1:01am, KNX-1070 @ 2:18, CKRC-630 @ 2:28, KFJZ-1270 @ 2:31, KUDL-1380 @ 3 s/off, WAMO-860 @ 3:04 w/an ET, WLAV-1340 @ 3:19, WRKO-680 @ 3:35, KOIL-1290 @ 3:52, CHEC-1090 @ 4:06 w/rr oldies, CJOE-1290 @ 4:39, WGBB-1240 @ 4:45, WOOK-1340 @ 4:48 & WAJR-1440 @ 5:30 s/on. Around SSS I logged CHR3-1090 @ 3:58m, WBFD-1310 @ 4:16, WEDO-1130 @ 4:20, WWIN-1550 @ 4:24, WHIL-1430 @ 4:29 s/off, WKER-1500 @ 4:31, WNTY-990 @ 4:45 s/off, WKCY-1300 @ 4:55, WPIT-730 @ 4:59, & WEDO-810 @ 5:14 s/off. That ended one of the most productive days I'm sure I will ever have. More DX: 1/11- WIM-1150 @ 5:28pm, WCHI-1110 @ 5:32, WFFT-1010 @ 5:44 s/off, WELI-960 @ 5:47, & WHEI-1140 which struggled through at their 5:38 s/off. 1/13- WELI-1020 @ 5pm s/off following ABC ET & WJLV-1140 also @ 5pm s/off. In other news, I recently visited the brand new studios of WOTT-1410 in Watertown N.Y. & I was told they hope to go fulltime w/lkw U-2 around 5/1. They said they would start to make some tests with their new towers when the ground starts to thaw so look for some tests in late April. I asked them what their directional system was going to be like & they said they will have major lobes NW & either E or NE as they have to protect WPOP & half a dozen other stations. They'll be hard to hear in the States but Canadians should have a clear shot at them. I'll let everyone know the exact date they go fulltime. 73 till next time.

JEFF KADET - Box 726 - Denton Hall - U. of Maryland - College Park, Md. - 20742

All DX in this report was heard at home in Bethesda during Spring vacation. Antenna is half a combination 15/20 meter dipole. 4/1- WJLV-1380 ET/OC/TT c/pied 1:42-2:27am w/one CW ID noted after much listening. WMOV-1360 r/c-TT noted @ 4:46am while logging WDOC-1310 r/c-TT 4:51-4:58 for a report. MM 4/3 was pretty good for so late in the season. I rabbed four new "k" stations. I finally got enough of KUPK-1050 r/c-TT for a report, copied from 1:12 to 1:23am. KRNL-780 in & out between 2:30 & 2:55am in the clear but very weak with what sounded like opera and/or cl ss. New KXIM-1000 ET/OC 3:09-3:15am w/a pretty good signal o/a other CCs. What's their power? Lastly one KQMC-740 noted on RS @ 4 along w/a c/v stations, WKIS, KXND ET/OC & 777. KQMC is domestic #15 on 740. On the 4th, WSEO-1130 r/c-TT u/WBEN 12:01-12:15am. 4/6- WTCO-1450 r/c-TT for a surprise almost o/local WL logged from 3:32-3:45am for #5 on the frequency. #45 on 1480 one next in the form of WJLO r/c-TT in from 4:02 to 4:15am. Veries: v/i- KTYN w/OM. v/OM- WAKR WLIQ (both from the same CE), & v/q, WFLN. I also got a reply from my tentative to KRFB-990 for an ET on 3/18 saying it was they. Domestic totals now at 1,719/733, 49/49, 10/10. (Thanks for picture, Jeff! -ERC)

JOHN JOHNSON - 318 Washington Street - Hoboken, New Jersey - 07030

Between work & very poor CX DX had to take a back seat. It is only the last week that stations started to appear in a normal way. The next item I am going to mention is very important. It has to do with my SP-600-JX17. Mine is a modified military version with the IF gain control in place of the dial lock on the front panel. It also has a squelch plate over selectivity switch. I am in very much need of the original schematic of this model, so please, you fellow mums-bets, do your best to help on the above. 73..

NEXT ISSUE IN TWO WEEKS. WE REMIND YOU AGAIN TO DOUBLE SPACE YOUR MUSINGS REPORTS.

HARRY HELMS - 115 West Le Roy Street - Fort Mill, South Carolina - 29715
 I DXed only seven days in February, and two in March, and none so far in April. So I ended the season with 515 domestics heard from 36 states, and heard them in 47 days of DXing. I finally satisfied my curiosity as to how many stations it is possible to log with average gear if you really try. One thing's for certain; it convinced me how really meaningless domestic heard totals are until you hit around 1,000 heard; the first 1,000 seem to be dependant only upon time spent listening, and not upon luck, patience, or skill. I am now going to risk ERC's wrath and confess to doing SW DX lately. Try it, Radio Luxembourg - brats WLS or WABC! (ANYTHING does! -ERC) I will be moving to the Chapel Hill - Durham area of N.C. around the middle of May, so I will be starting all over again and also have less time for DX, so next season I should not be quite so active. I do hope to do more CPC work, however, and maybe meet NRCers in the N.C./Va. area. On a final note, I noticed the recent comments re "chicken rock". I always assumed chicken rock was an MoR variant such as Andy Williams doing a Beatles song. I have never seen the term "chicken rock" used anywhere, in a DX or mx publication, to refer to a cross between c/w & rr; the term "country rock" is almost universal for such music. This Summer some sort of agreement should be reached over mx descriptors to avoid needless confusion in the bulletin. Unless I decide to take TRF & Space Magnet with me to the Outer Banks this Summer, I will report again next Fall when the static dies out. And to those souls who continue to DX in Summer, '73 & the best of DX. See you maybe in Miami and later on next season.

QUENTIN K. BROWN - 59 Kenilworth Street - Ottawa, Ontario

Odds and ends to tie up the season. Looking back to September I was able to fulfill the goals I had set for myself making this a successful season. I heard one new station from each of the Maritime provinces in CBD-1110 N.B. CFRD-790 in N.S. & CFCE-570 (Nfld.) Only CFRD didn't verify. I was also able to log CBI-1140. Also I heard at least one new station from the western provinces in CKDA-1220 (BC. on 10/10 w/WGAR off), CFAC-960, CHEC-1090 (Alta.), CUME-1300 (Sask.) & CKRC-630 (Man.) It's good to know that even with the high density of stations, in all ten provinces can still be heard in one season. I heard the tenth, P.E.I., in all ten provinces can still be heard in one season. I heard the tenth, P.E.I., in all ten provinces but already had them verified). My only other goal was to hear 875 stations which I barely made, having logged my 878th station a week ago. I was very lucky in being able to DX this past Winter in Ottawa with Jerry Osborne. The wealth of info he provided boosted my foreign totals greatly and he also gave me many DX domestic tips. DX is much more enjoyable when one can compare reception notes with another DXer. I was fortunate in having my RX perform without any trouble at all (touch wood!). It's a Hammarlund HQ-140X of 1956 vintage which I picked up second hand for \$90. Recent CX have been poor and despite the fact that it's snowing outside the season's almost over for me. A few veries still trickle in: KIWA-1550 TEST; WJDA-1300 TEST; & KAMI-1580. Quite a story behind KAMI. I had come in from a date one Saturday @ 1:20 & naturally checked the band and found KAMI testing on 1580. I phoned up Jerru Osborne the next Tuesday eve to tell him of my catch only to find he had been listening to them at the very same time! KAMI, by the way, says they're conducting weekly r/c's 1:15-1:30 till their frequency monitor is fixed. Then they'll go monthly. This station gets out as well as KIWA-1550, i.e., everyone should be able to hear them. Thanks to Ernie for another Winter of tuping up the Musings and to the BPC for publishing the fine bulletins.

FRED CSTERMAN - 436 North Forest Road - Williamsville, New York - 14221

A little DX to report. 3/17- 1:10am WQTC noted w/EP on 1590.
 1:45am, KDAY -1580 Santa Monica in well (promptly replied with v/1). 3/27- CJTR noted well on new 1140 1:26am. 2:45 brought KWEB-1270 Rochester, Minn. w/EP poor, 2:59 WHBY-1230 in fair. 3:30, HOL62-770 Panama noted well with many IDs "Panama, Panama" repeated over & over. 3/30- 1:20am WJEE on new call. 4/3- 7:40pm WBEA Pittsfield good. 4/10, on 1550, 1:03am, an ID for WKYE popped out. Was this an EP? 4/13- SSS on 1600 brought WTPF @ 7:13pm, WARU 7:30, KCRG 7:36. Only two veries, KDAY & WXAP, v/1. Totals: 802/160, 48/48. 73s.

MAKE THOSE PLANE RESERVATIONS N-O-W FOR MIAMI - REMEMBER A LOT OF FOLKS ARE TRAVELLING ON THAT HOLIDAY WEEKEND, AND MIAMI IS A POPULAR PORT OF CALL! DO IT NOW!

IDXD

MONITOR
REPORTS

BOB FOXWORTH
GPO BOX 2111
NEW YORK, NY 10001

All times in IDXD are in GMT. Receptions:

- 555 St. Kitts. ZIZ hrd in English with typical Caribbean accent and s/off at 0303 on 4/6. This new station is the strongest split here in Eastern Long Island. (Breger, New York)
- @ St. Kitts finally hrd here, on a day off work, 4/8 with calypso tunes and male ancr, gave calls "zed i zed" and s/off amt, then hymn around 0258 on 4/8. Sigs were only fair, but were good as cx were poor to SE. (Foxworth, NY)
- 655 No. Korea. Hrd with female in Korean, sounded like news (diatribe or harangue - ed.) 1301 3/31. (Greg Hardison, Cal.) (Hardison, Cal.)
- 670 Japan. JOBK Osaka with male spkr in Japanese under KBOI null 1304 3/31. /
- 750 Japan. JOIB Sapporo hrd with male spkr 1308 3/31, very weak with much fading. (Hardison, Cal.)
- 750 Colombia. HJDK hrd 3/27 with good signal 0840-0850 in Spanish. Easy listen mx with Caracol ID and several Colombian TCs. Weak rock mx QRM. (Hardester, Ca)
- 760 Hawaii/N.Z. For once, an unreadable signal came up and peaked on the pips. Will wonders never cease? LYA, Auckland way under KGU's MoR, under WJR's news (with the Latins looped, thankfully) at 1000 4/3. ..just to prove that I can still turn the rig on.. (Murley, Cal.) (Hot tubes, eh Murley? - BPC)
- 760 Guyana? Speech by a woman in English to 0127, followed by talk by a man, then a singing commercial for "New Grapes" probably Guyana, looped 160°. I now have the Sanserino .. beautiful.) (Edwards, N.Y.)
- 770 Japan. JOUB Akita was // 750 at 1309 3/31 in KOB null. (Hardison, Cal.)
- 810 Colombia. HJCY Bogota with soft Latin mx and ID every other record as R. Sutatenza hrd around 0320 4/7, over WGY at times. (Breger, N.Y.)
- 830 Venezuela. YVLT, Radio Miranda hrd 0330 4/7. ID is by jingle sung by a group of females and surprisingly clear. Cuba was weak or absent. (Breger, N.Y.)
- 830 Japan. JOBB Osaka at 1314 with male and female alternating in Japanese. Signal was very weak and there was no KIKI in null. (Hardison, Cal.)
- 844 Gilbert and Ellice. Tarawa was quite readable, subject to 60-90 second fades every 2 or 3 minutes. Male ancr in vernacular with native mx, looping properly 0830-0845 4/3. (Murley, Cal.)
- 845 Italy. Rome with AN pgm 3/10, news in English to 0205, ID by woman and mx to 0227, then long talk by woman, then man to 0233. Cl mx later. (Edwards, N.Y.)
- 877 No. Korea. Wonsan het heard, audio very weak, sounded like Korean mx at 1319. (Hardison, Calif.)
- 890 Colombia. Bogota stn here (L.V. de Bogota? HJCE listed.-jm) Brassy Colombian mx, Todelar 0845-0855 4/3. (Murley, Cal.) (KPUA from Murley/Hawaii)
- 970 Hawaii. KPUA Hilo hrd for the first time this season in a much-appreciated dead air period from unloopable KCHV. Poor, barely readable ID 0938 4/3.
- **1025 Cuba. CMBN, Radio Caribe hrd 4/7 with orchestral or soft sung mx. S/off at 0400 and mentioned Isla de la Juventud. The frequency was announced and listed as 1040 kHz. (Breger, N.Y.) (shown as 1040 in latest RFS list -ed)
- 1040 China P.R. Peking F.S. hrd 1324 with woman speaking in Japanese. 3/31 (Hardison)
- 1350 Hawaii. Does Lihue have new call letters? Contemporary mx, HST TC but ID buried in the soup, WSMB dominant. 0855-0915 4/3. (Murley) (See p. 9, IDXD, DX News 39-21, also RJE's sections for call letter change here. -ed)
- 1540 Bahamas. Nassau believed to be the station hrd 3/27 1025-1042 with fair to poor signal. Female vocal records with religious mx. Male ancr with ID at 1030. ID sounded like ZNS 1. The number "one" was solid but not sure of the letters. Ancr was English but Spanish (I believe) was hrd prior to KXEL s/on. (Hardester, Cal.) (Likely you hrd their Creole pgm - ed)
- 1560 unID LA looped 175° with a 2-tone chime every minute or so followed by a rather calm spot or news item by a man; several mentions of what sounded like "Cordoba", 0635 and later 3/25. (Edwards, New York - Staten Island)

8 1562 Switzerland? Probably this one hrd with a repeated IS of a six note sequence of chimes, followed by a man in language. Bad QRM from domestics. (Edwards, NY)

Verifications

1110 Venezuela. Letter from YVRX Valencia, Radio Mia, says present schedule is 4.30 am - 2 am Venezuela time; shortly to go "24 horas continuas de transmision". Signer is Ali Caccavale, Director-Gerente. They use a 10 kw Collins xmtr; have FM also. (Stan Morss, Mass.)

1349 Mauritania. Colorful QSL received from Nouakchott for reception of 12/27/71 0700-0725. Has specific details, but no mention of power on mine. There is a map of Africa motif similar to the arrangement on the Radio Mali card and the reverse is identical in format - even to the spacing of the type. Cards evidently were ordered from the same printer in France as were the Mali cards - for anyone interested in such trivia, hi. (Robie, Mass) (Do not worry, we indeed have such interest in the NRC, Hal hi -ed.)

@ Card from Nouakchott, same as the above. (Morss, Mass.)
1439 Luxembourg. V/q with three towers and coat of arms on the front. Specifies 1439 kc. For report of 11/22/71 with tape. Received 3/25/72. (Kilroy, D.C.)

Back of the File

Anent my remarks in the 39-23 issue of DXNews concerning the Heathkit frequency meter, I spoke to Heath's tech rep at their booth in the IEEE exhibit in New York the latter part of March. He told me the arrangement is substantially the same concept as that described by MacLeish in the Nov. '70 QST in that it requires 3 different signal takeoffs from the equipment and uses internal mixing and in short, the SB-650 is intended solely for use with the Heath ham gear. Those interested in digital dials might be able to use the information by Conklin appearing in the Feb., March and April '72 Ham Radio. The concept deals with a minus preset counter with readout to the nearest tenth of a kHz (i. e. 850.3 kHz, 1241.5 kHz) and avoids the heterodyning techniques that the SB-650 uses. This is important because the MW band covers 3 whole octaves where the ham bands cover only a few percent change.

Ron Schatz's technique (DX News 39-24) is the only means by which a standard freq counter may be used to check the frequency of an incoming received signal. Fortunately it is capable of very high accuracy. The user should see to it that the counter employs a crystal time-base oscillator, preferably in an oven (this may be referred to as TCXO) and the oscillator should be calibrated against WWV every time the counter is used. These precautions are necessary as there are some counters available which use the power line frequency as a standard (the 60 cps power line is divided by 10 and again by six to generate the one-second gate pulses for the counter; the accuracy of such may not be better than several tens of Hz at broadcast frequencies, when translated into a measurement.) Anyone using one of the Heath counters should have no problems getting measurements to within several Hz, providing the time base oscillator is correct.

The problem of getting an accurate zero beat between the signal generator (a transfer oscillator can be another name for this) and the received signal in the receiver is probably the limiting factor in the accuracy. Adjustment of the output attenuator changes the loading on the oscillator to a small degree and this is what pulls the frequency around. This indicates that the output attenuator is not a constant-Z but that's not really important. A worthwhile modification to the signal generator (assuming one does not want to build up one of the ultra-stable Vackar or Seiler oscillator circuits) is to put a Varicap (VVC, etc) of a few pf. in series with a fixed, silver mica capacitor of a few pf. also, and to tune the VVC with DC derived from a ten-turn Helipot (Beckman trademark, I think-ed). The 2 small capacitors go in the oscillator tank circuit. The output attenuator should be used to set the oscillator signal roughly equal to the input signal as seen in the receiver. It is desirable to feed the generator signal through the attenuator and then couple it loosely into the antenna circuit of the receiver. Incidentally, an SAH scope can serve as a good indicator of attainment of exact zero beat, as does the S-meter. (famous last words... Had not intended to run this long. An article is in preparation, hi.

DOMESTIC X DIGEST



EDITOR:

R. J. Edmunds
Box 948
Wayne, N.J. 07470

(201) 335-6397

R/C's

MARCH: 2nd FRI: WLIQ-1360; 2nd SU: WWXL-1450; 3rd TH: WJZM-1400, WTYL-1290, WHOC-1490.

APRIL: 2nd TU: WWSL-1520, WKDO-1560.

changes

+ 600 CBAX-NS McAdam 40/40 UL (new) (IRCA)
+ 920 WTMH-NJ SCH: 24 hrs, SP SU: 0000-0730 & MM 2300-0600 (Thomas R. Sundstrom, Willingboro, N.J.)
+ 1090 CBOA-ON Wawa 40/40 UL (new) (IRCA)
+ 1200 CBQT-NWT Rae 40/40 UL (new) (IRCA)
+ 1230 CBDR-QU FWR: 40/40 UL (IRCA)
+ 1240 CBXX-AB Rainbow Lake 40/40 UL (new) (IRCA)
+ CBMO-QU Lac Megantic 40/40 UL (New) (IRCA)
+ 1250 CHWO-ON FWR: 10000/5000 UL (K&E)
+ 1360 CBOG-ON Verner 40/40 UL (new) (IRCA)
+ 1440 CBOH-ON Field 40/40/UL (new) (IRCA)
remember those privately-owned LPRT's the CTCR authorized a few months back for 1450?? Well, here they are, all per IRCA:
+ 1450 CHAS-ON Aroland, 40/40 UL + CHAP-ON Long Lac, 40/40 UL
+ CHOP-ON Gull Bay, 40/40 UL CHIP-ON MacDiarmid, 40/40 UL
+ CHEW-ON Lake Helen, 40/40 UL CHOX-ON Pays Platt, 40/40 UL

all 1450 CH-- calls will be privately-owned LPRT's henceforth.

* 1570 WGLX-OH This CP now advertising for staff, so will be on soon, watch for tests (RJE) ADD: Box 161, Galion.
+ 1490 KIBL-TX CP: 1000/250 UL (3/31)

daytime

860 CJBC-ON In for a couple of minutes ard 1430 3/30 on daytime skip, then rapid fade tho' still audible w/WAMO. (Mike Levintov, Rockville, Md.)
1270 KCOK-CA Hrd 3/31 1553-1602 w/ MoR, many local spots, SID's, severe KJOY-1280 QRM. (Mike Hardester, Modesto, Ca)
1410 WHT3-NJ Surprise ID o/u WDOV w/ semi-local WHAG nulled 1230 3/30(ML)

*** Mike, I've deleted your other daytime stuff as they are, as you noted, regulars. Time/space limitations dictate only real DX here in terms of rare loggings as opposed to normal or quasi-regular ones.-RJE

sunset & evening

1500 WGIC-OH Hrd 3/30 SSS w/ fair sig u/local WTOP 1742 (Jos. E. Kureth, Jr., New Windsor, Md.) ** I added the "Local". Even tho' its I think upwards of 30 miles, its definitely a local, and a nasty one at that - RJE
1560 WQXR-NY Much-wanted thru WDXR QRM w/ wx, ads 2000 4/3 (Keith Birlingnair, Rockton, Ill.) ** Yes, Keith, list will be coming soon -RJE
1590 KVG8-KS Anything other than WAKR wanted, finally hrd this 4/3 2130 w/ nx, wx, mx.

1590 WJSO-TN Hrd w/ ID 4/8 1850 followed by PSAs o/WEEZ, WAKR etc. (TRS)
 x 1520 KACY-CA Hrd 3/31 2056-2119 w/rr. Fair sig w/KMPG QRM to latter 2110 s/off, then KOLIA QRM (MH)

midnight to sunrise

* 560 WFIL-PA Noted off 4/7 0150, just OC (Dave Schmidt, Wilmington, DE)
 610 WTOR-CT DX not hrd MM 4/10 (TRS) ** Day-date mixup my fault. Was sked for 4/10. IRCA notes same confusion. Sri. I was unable to listen, as didn't get back home in time. -RJE
 unID Hrd whilest looking for WTOR w/ ABC's "News" pgm "The Week in Viet nam 0104-0120+ U/WIP. Who?? (TRS)

620 CKCK-SA Standard rr, rare here, good sig 0536 4/3 (KB)
 + WHEN-NY Is now NSP w/rr (Page Taylor, Butler, N.J.) ** Good grief - WNDR, WFBL, WOLF, and now WHEN rr?? and 3 NSP'ers (WOLF's not) in Syracuse ??? Egad. -RJE, who went to school there a few years back, hi.
 KTAR-AZ Another ararity here w/ MoR 0448 4/9. (KB)
 WSUN-FL Hrd w/ IRS PSA, wx 0220 4/3 (Gary Shea, Milwaukee, WI)
 680 KNBR-CA Strong sig, thought it was WPTF, 0527 4/9 (KB)
 940 CJGX-SA Hrd w/ c&w & nx, fady 0302 4/4, do they verie ?? I've tried but gotten no answer. (KB) ** They did, at one time, dunno about now - RJE

950 KSEL-TX Hrd ID 0601, then nx 4/9 (KB)
 KIMN-CO W/ tele-talk 0325 4/3 (GS)
 960 WBOC-MD ID 0600, then nx, wk signal 4/9 (KB)
 970 KAKC-OK Nice w/rr, maxy ID's 0606 4/9 (KB)
 1000 WOLF-IL Hrd 4/3 0626-34 w/rr, SID's, wx, no Mut. nx on 1/2 hr. At 0634, I assume they went to day pattern as all but disappeared Wx & c&w 0617, 4/9, good sig (KB) (MH)
 1010 KDJW-TX Hrd s/off anct only, didn't wake up in time on TEST 4/3, was clear o/CHUM 0226 (KB)
 1190 KLIF-TX Noted SID wk 0030 4/3 (Ken Onyschuk, Homewood, IL)
 1240 WSDR-IL Exc. sig. w/ c&w 0655 4/3 (KB)
 1270 KFJZ-TX Hrd w/ nx u/TT 0305 4/3 (GS) ** That TT might well have been a het from the drifting Cuban around 1268.8 -RJE
 WHBF-IL Hrd w/ MoR & nx 2315 3/19 (GS)
 1280 KTLK-CO W/rr & KTLK monitor computer here 0411 4/3 w/ fair sig. (KB)
 WWTC-MN Wx & MoR 0328 4/4, much wanted (KB) (TRS)
 1290 WICE-RI Hrd 3/30 0112 promoting AN show, followed by Chevy dealer ad
 1310 WDXI-TN W/ "Dixie Radio" ID 0030 3/20 (GS)
 WIFE-IN Noted atop freq. 0146 4/7, vary rare here (DS)
 1320 KELO-SD Finally hrd o/u WVOJ 2330 3/19 (GS)
 1330 KFV -KS Nx w/ qm de local WRIT-1340 0300 4/3 (GS)
 KEAC-CA Hrd 4/1 0429-0502 w/ good sig, no QRM, Usual KCPX & KCRA-1320 splash not present (MH)
 1360 KRYS-TX Wx, rr hrd 0427 4/3 (KB)
 1420 WWSR-VT Noted 4/9 0600 s/on & nx (DS)
 1440 WHHY-AL W/rr in jumble 2356 3/19 (GS)
 * 1480 WRDW-GA Weird gospel mx, mucho ID's 4/3 0444 (KB) Noted on MM 4/10, 0247. New NSP'er?? (DS) ** Believe they've been that way quite a while now - RJE

WSAR-MA ID on ET/TT 0248 4/9 (DS)
 1490 WHAV-MA Noted s/on 0604 4/9 w/ SSB, ID (DS)
 WOLF-NY Finally rptd 4/7 0203-13 f/out (DS)

1510 WMEX-MA Hrd wk SID in WLAC null 0034 4/3 (KO)
 1540 CHIN-ON Hrd w/ "cl mx w/ jazz overtones" 0647 4/9 (KB) **Hum-RJE
 1560 KWCO-IA Hrd s/on anct, then faded 0659 4/9, must've been 132 w. psa
 WTRQ-NC Hrd 0545 4/9 s/on o/Cuban, in clr 0600. Also 4/18 (TRS) (KB)
 WVAK-IN Hrd 4/2 s/on 0615 momentarily atop several others same time (TRS)
 1580 KLOU-LA Another rpt. 4/7 0125-40. Must've been on day patt. (DS)

heath GR78

Ronald F. Schatz

This is the first report in quite a while relating the experience of our members with various types of DX receivers and equipment. Such reports should prove useful and beneficial to the membership, and we invite similar write-ups from other DX'ers on the subject for inclusion in these pages.

The Heathkit GR-78 is a small, portable general-coverage receiver. Its small size (only about 6" x 11" x 9" at 14 pounds) contrasts with a 6-band dial and eleven front-panel controls to give the appearance of a communications receiver in miniature. Frequency coverage includes the standard 550 kHz to 30 MHz in five bands (with the BCB divided between bands "B" and "C" at 1300 kHz) with added coverage on long wave from 190 to 410 kHz. Main tuning is vernier; bandspread is on a cylinder. Other features include RF gain, product detector, 500-kHz crystal calibrator, built-in vertical whip antenna, and a tuning meter. Internally, all signal mixing (first detector, product detector, second detector, etc) is done via dual-gate PET's; four little red ceramic filters replace all IF coils past the mixing stage; and there is double conversion on the 18-30 MHz "F" band. Total mailable cost of the kit is \$141.95 U.S.

We found the GR-78 fun to build, if only to admire the interesting manner that Schlumberger uses to fit a tremendous amount of components and circuitry in a container hardly larger than the "matching speakers" of other GC receivers. The greatest difficulty in construction was with the mechanical alignment of the removable circuit boards and the external case. We had some trouble pinioning the switch wafers on the four parallel removable circuit boards with the metal shaft of the band selector, and it took an extreme amount of body pressure and endurance to close the case on completion of the project. Before doing that, we had to charge up the internal battery and align the works - a simple procedure. But how about performance?:

Sensitivity: Fantastic on LW and MW, good on the other single-conversion SW bands, and poor on the double-converted band "F". Beautiful reception of daytime Cubans, such as CMCI-760 and CMHW-840 was noted out-of-doors using just the vertical whip. Unfortunately, every local had a set of spurs and mixing products distributed across the dial, plus some harmonics extending into the next band, and reduction of the RF gain failed to alleviate the condition out of proportion with the accompanying signal attenuation. True, strong images were noted on the signal-conversion SW bands, forcing us to use our spectrum analyzer for any serious SW listening. The 18-30 MHz band was all but dead, and we finally got our money back when Heath techs tried but failed to get that last band to perform according to listed specs.

73's
 RJE //

Selectivity: The four tiny ceramic filters permit "7.5 kHz +1 at 6 dB down". This is good enough for most even-channel separations, except around locals, but the only split noted in Miami was Radio Belize-834. Slop-over from locals was tremendous. We did not feel it worthwhile to install a mechanical filter in the circuit, though it would have done some good.

Frequency readout and determination: The dial tracked only "so-so", and we were forced to eye the band at an extreme angle in some instances. We did not determine the linearity of the band-spread for frequency measurement.

Other features: The "S" meter is not one as such, as it is marked linearly with a coarse scale from 1 to 6. The internal battery is useful for the field (The GR-78 would be excellent for domestic DX on camping trips, etc. - far away from any urban area), and a cable is provided to permit use with a 12VDC battery. A switchable ANL and "muting" connection (for use with a transmitter) is also provided.

In all, Schlumberger had a good idea in mind when they designed the GR-78, a portable communications receiver, but they tried to put too many features into too small a space, and wound up with a performer that didn't quite live up to its \$142 price tag. With other comparable equipment on the market at a fraction of the price of the Heathkit GR-78 we cannot heartily recommend this receiver to the MW DX'er.

-30-

BB

BE WATCHING!

THREE GREAT THINGS WILL BE HAPPENING COME SEPTEMBER...

THE NEW NRC PATTERN BOOK ←

THE 72-73 DOMESTIC LOG ←

THE MIAMI CONVENTION!

BE THERE!

♪ See you in September... at d d
yecch-rk

MORE EXCITING DX TESTS!

For you county-hunters, a whole slew of late season DXes for you...

WSBS---860kHz. Great Barrington, Mass. 250 watts non directional will be on SM, May 28, 1972 from 1:00 to 3:00 am EDT using 1000 Hz. tone, ID's every 5 minutes, and "special programming" for verifying purposes. For those who miss the TEST, they will be on reg. f/c will be Sat., June 3, 12:15 am-12:30am EDT but no calls then. For the May 28th TEST they will accept PREPAID phone calls only (NO collect calls please) at 413-528-0860. They will accept tapes and written reports for verification. Send reports to : Jack Seeley, C. E., WSBS Radio, Box 297, Great Barrington, Mass. 01230 (an appropriate zip code, hi). Thank to Ron Musco, and Tom Jaworski, News Dir. at WSBS for notifying us as well as the continuing onslaught of marathon phone calls from Sheldon Swartz of IRCA...

WHCU-870, Ithaca, N. Y., 5000/1000 watt nondirectional is tentatively scheduled to run a test MM, May 29 from 12:15-2:00 am EDT, they will run 5 kw. until 1:30, then cut to 1 kw. for the last half-hour. Reports to: Bob Denison, 212 E. State St., Ithaca, N. Y. 14850.

Both tests arranged by Sheldon Swartz for those IRCA troublemakers, hi...

Though we're still a bit behind the 8-ball, we're starting to get caught up with some of the work around here, some correspondence was lost in the shuffle since the fire, one caused the ole HQ gang to get some nasty mail from the Chicago Tribune and the Postal Service... who's complaining about who??? So if you've sent us any letters, questions, requests, etc. and haven't been answered yet, drop us another line... BOB SHAW--- We have your check for order of reprints but lost the letter which came with it; please tell us what you ordered so we can send the order to you? Sorry about that... A short plea to local radio people... if anyone in the Eastern Mass. area knows of (or has) an opening for air or production talent please drop me a line, I'll send tape, resume. Basically top-40/hard rock/soul oriented, but I'll do anything if it's at a station. Address is: Cary D. Pall, 220 Kelton, Suite 18, Allston, Mass. 02134. How about Bill Caldwell, WEIM? Any openings up there?-----73/Cary

WSB, WGST

Two Local Radio Stations Turn 50

By BOB GOODMAN
Journal TV-Radio Editor

Two Atlanta radio stations celebrate monumental occasions this week. For them, the festivities will mark their 50th birthdays.

The two are WSB and WGST. The former signed on back on March 15, 1922, and the latter began broadcasting two days later.

WSB began with 100 watts power from studios based in the old Atlanta Journal building located at 1-7 Forsyth St. Three years later the power was increased to 1,000 watts.

In 1926 the studios were moved to the Biltmore Hotel, on West Peachtree, where they stayed until 1956; they were then transferred to the station's present location at

1611 W. Peachtree, near Pershing Point. During the 30-year stay at the Biltmore, the station became a charter affiliate of the newly formed NBC Network. In 1927, became a 50,000-watt operation, in 1933, and became a clear-channel outlet, in 1936.

WSB was the first radio station in the nation to broadcast a wedding, the first station in the South to broadcast baseball games, the first in the nation to present a complete church service — from Atlanta's First Presbyterian Church — and the first U.S. station to use a musical device with its station identification (the first three notes of "Over There" were used; this was later adopted by NBC for its now-famous chimes).

WGST was begun as WGM, the broadcast service of the Atlanta Constitution. The first studios were located in the old Georgia Fower Building on Fairlee Street.

THE FIRST evening of broadcasting on WGST included a report on an exhibition baseball game between Georgia Tech and the traveling Detroit Tigers. The Georgia Peach, Ty Cobb, was the main attraction for the Tigers. By the way, Tech lost the contest.

In 1923, one year after its initial broadcast, the station was presented to Georgia Tech and the call letters were changed to the present WGST. The studios were moved to the electrical engineering building at Tech.

The facilities are now located at 165 Eighth St NW. WGM was granted a license on March 15, 1922, the same day WSB began operation, but actually signed on the air at 7 p.m. two days later. It is now affiliated with the ABC Radio Network. A tip of our hat and birthday greetings go to both stations.

Atlanta JOURNAL 3-15-72

CAN YOU PETITION THE F.C.C. WITH PRAYER?

1-kw night maximum sought for local AM's

For the third time in a decade, the FCC has been asked to permit class-IV (local-channel) AM stations to increase their nighttime power to 1 kw maximum. Present standards limit these stations to 1 kw day and 250 w night.

Community Broadcasters Association, representing class-IV AM's, petitioned for that rule amendment, claiming that recent changes in domestic and international station operation justified its request.

The group was responsible for the commission's 1958 rule amendment that allows class-IV stations to use 1 kw maximum by day. Two subsequent bids for similar power at night—in 1964 and 1965—were denied by the commission, however. In both cases, the commission said three factors—incompatibility of the proposal with U.S. agreements with Canada and Mexico, possible adverse impact on existing local nighttime services, and lack of supporting data to justify the proposal—combined to necessitate denial of the requests. CBA last week claimed these impediments no longer exist.

CBA said the public interest would be served by amendment because class-IV stations would better compete with more powerful facilities in areas where class IV's now have trouble with nighttime operations. The result, CBA said, would be improved programing and reception.

Modulation standards revamped for AM's

The FCC has revised the technical standards for operation of AM transmitters to restrict the degree of modulation a station may employ. Under the new rule, which goes into effect on May 1, the absolute limit of modulation on positive peaks will be 125%. The present maximum modulation level on negative peaks (100%) was retained.

The commission said the new policy is necessary because some AM stations now use transmitters capable of supplying more power than is needed for 100% modulation. It noted specifically those broadcasters who employ a 5-kw transmitter with a modulator usually intended for use at 10 kw. Potentially, this results in interference to other stations, undue audio distortion and excessive carrier shift, the commission said.

Previously, no limit had been imposed on the level of positive-peak modulation. Under the new standard, the effective amount of non-linear distortion in maintaining modulation levels may not exceed 7.5%, and carrier shift may be no greater than 5%.

BROADCASTING, April 10, 1972

WEST GERMANY RADIO-TV CONTROL?

N.Y. Times
APR. 14 1972

By DAVID BINDER
Special to The New York Times

MUNICH, West Germany, April 12—A major struggle over freedom of the airwaves is under way here.

At issue are the nature of public control over Bavaria's state radio and television network, the Bayerischer Rundfunk, and the question whether the state should license a commercial radio-television station, the first in West Germany.

In line with Allied occupation decrees, radio and television stations in this country had been administered by public control groups beholden to no political party. The federal Constitution of 1949 says that the airwaves must be free of state interference or partisan political influence.

But in Bavaria, the long-time homeland of partisanship in Germany, some leading politicians decided at the end of 1971 to try to do things differently.

Strauss the Guiding Force

The guiding force was Franz Josef Strauss, leader of the state's ruling Christian Social Union party and a formidable conservative politician.

Mr. Strauss, evidently nettled by long and constant criticism from liberal and left-leaning radio and television commentators, decided to strike back at what he called "the Reds" by reorganizing the network—at least in his home state.

He ordered the party members in the state legislature, where the Christian Union has an overwhelming majority, to revise Bavaria's law regulating the Bayerischer Rundfunk.

On Jan. 21, the party whip, Ludwig Huber, presented a draft bill under which the public Radio Council could be expanded from 41 to 59 members and could be packed with 12 additional representatives from the legislature. Since the legislature is dominated by Mr. Strauss's party, the law automatically extends his influence over the network. One article of the draft also foresees limiting contracts for station employees to five years, which would provide the Radio Council with a new form of editorial control.

Opposition Is Quick to Rise

The draft law drew immediate and powerful opposition, not only from the minority parties in the Munich legislature but from trade unions, scientists, businessmen and other interests represented on the Radio Council.

The first round of the battle was fought in the legislature, culminating in a noisy session on the night of Feb. 28, when the old law expired.

The Opposition, the Social Democrats and Free Democrats, using filibustering techniques, delayed the final vote until March 1. Though the vote was 97 to 71 in favor of the Strauss party's law, the delay created constitutional questions that must be resolved before the legislation can take effect.

Many Bavarians regarded the Christian Social Union maneuver as high-handed and some thought it shocking. A group of Munich citizens organized to seek a referendum against the radio law and "for freedom of the airwaves."

The group went to work on March 15 and within days gathered 50,000 signatures on petitions, five times more than needed for the first of three stages of getting a referendum called here. The prospects for the referendum, probably in the fall, appear to be good.

Meanwhile, the tactics of the Strauss party leadership, in putting through a controversial law without consulting experts,

appears to have alienated numerous Christian Social Union members.

The party's youth organization, or Junge Union, spoke recently of "an unparalleled wave of hatred" mounting against the party.

The head of the Bayerischer Rundfunk, Reinhold Vöth, otherwise a loyal Christian Union man, voted against the move.

Mr. Vöth, 42 years old, is licensed by the Strauss party project to license a commercial venture, Private Bavarian Radio and Television Company.

Private Bavarian Radio and Television led by a former journalist, Bert Schmitzler, and backed by Swiss and Bavarian businessmen, hopes to gain control of several radio channels used by the American-sponsored Radio Free Europe and Radio Liberty stations.

The main argument against licensing a private station here is that it would deprive newspapers and magazines of vital advertising revenue.

But Mr. Vöth and others are equally concerned about the effect that commercial radio and television, with its heavy stress on mass entertainment, might have on the quality of public programming. West German radio and television programs, supported by levies imposed on set owners are rated among the best in the world.

DAVID N. LEWIS - 3429 Forest - Kansas City, Missouri - 64109

15

I have, with return postage enclosed, written to all 175 U.S.

1450k stations to confirm or correct the NRC's Domestic Log information. If the listing was not complete, they were requested to supply the needed info. All replies have been (or will) appear in Log Updaters. Only the following, which have had adequate time to reply, have not replied: Cal.: KAVA KWEN KOBO. D.C. - WOL Fla.: WSPB. Ida.: KVSI. Ind.: WAOV. Ky.: WWXL. Mass.: WMS. Mich.: WMIQ WHLS. Miss.: WROX WCUJ. Mo.: WWHI. Mont.: KXXL KREN. N.J. - WFPG. N.M.: KRZY. N.Y. WNSC. Okla. KSIW. Pa.: WWOQ WMPT WMAJ. P.R.: WCPR. S.C.: WQSN. Tex.: KAYC. Va.: WREL. Wash.: KONP KAYE. If in person you can contact any of the above stations, please contact me in advance (if possible.) (WNSP is NSP -ERC) Now for trivia: WIAY: "The last loss of air time over two minutes was in 1965 when a tornado destroyed a portion of our transmission line. We were off for 2 1/2 hours at that time." WTAL: The XE (Mike Rice) was an NRCer in the late 50s. WNAT: Alan N. Perkins, the PD of WQNZ-FM has some air checks of the late 50s & early 60s. If interested, contact him. WKXL: When requesting a verie, include a log of program which is peculiar to the station. A report of CBS programming without any local items is not sufficient. Some reports of reception have originated from people who had rebroadcast of WKXL tapes of local Concord news which we provide to the Armed Forces Radio Service. These are clearly received on SW bands and do not represent reception of our station. We do not ignore these reports, but try to explain the error, and invite a second, more carefully compiled report. WGNC: "With the close mileage separation for stations operating on local channels such as 1450, where the stations have been permitted to raise power from 250 to 1,000w and yet maintaining the mileage separation from 250w, it makes a CM made from field strength readings a bit unrealistic and therefore not useful. This is a more serious problem for the Eastern states than the Midwest and Western states. We here in the East have BCB practically saturated, and N.C. has more stations per mile than most other states."

MIKE SCHEEL - 4126 Nobis Drive - Davenport, Iowa - 52804

4/6. Well, tonight came the first clear sign of Spring: a tornado warning! And static! It feels like I am in a DX storm. Totals are 479/40/5/7 heard and veries, 39/27/4/3 as of 4/6/72. KOB-770 verie came as State #27 veried. I am waiting for KJUC-1140 for TEST. It seems like everyone else has it already. I may have heard the r/c from WERA-1590. A weak TT was heard but heavy QRM from WAKR knocked out any chance for an ID. Were they on? Finally after I don't know how long I got WMAY-970 @ 1:15 EST w/r/c, Ill. #55. I have up about 3am MM during Easter vacation because of a very loud buzz, which I found was my sister's black light! Send me an SASE if you want a new SC from KSTT's all-new format.73.

RICHARD CLEM - Apt. 107 - 8436 Van Nuys Boulevard - Panorama City, Calif. - 91402

Hello all. Since this is my first Musing, an introduction is in order. I am 33 years old, married with three kids. I work as head of the TV & stereo repair department at Panorama Stereos. I have been DXing on SW for 15 years and have just recently become interested in BCB DXing. RXes are HQ-180, SPR-4 and R-390 w/SM-1 loop, and plans to get Drake's new DSR-1 (\$2,200) RX. I am currently making arrangements with the Forestry Dep't. to put up a 7,500' Beverage on top of the San Gabriel Mountains nearby. I will definitely be in Miami for the Convention. After four months totals are 241/150, 28/20, 6/5. Recent catches: KIXL-1040 Tex., ZLK-1100 heard u/KTAX/WKYC @ 2:36am EDT 3/30 (EDT?? ERC) CFCW-790 Alta. 11:15pm 4/2, CKPG-550 B.C. 5:36am EST 4/3, Russia? -1376 @ 8:07am 4/3. Recent veries: London-1214, CHQR KTAC KDKA WPLO KVI CJCA. Recently I have been plagued by wierd poverline noise but gone as of 3/28. What does AN-6 mean? (All Night, six days, silent Mondays -ERC) That does it for now. 73s. (Welcome to the NRC, Richard, and we will hope for more DX doings from you, but won't you be good enough to double space for me? -ERC) (A fair for all and no fair to any-body!-ERC)

TIM KERFOOT - 34 Cross Street - Weston, Ontario

DX during the past month has been nil as the time to do it simply has not been there & no break is in sight until mid-April. Last DX was 3/2- WMCR-1600 6:14pm s/off. The foreign contest is a total loss here. 73.

CESAR OBJIO - Calle Benigno F. Rojas 46 - Santo Domingo, Dominican Republic
 Sorry, very sorry to hear about the fire that destroyed that wonderful equipment Nelson had. I really regret such a bad luck. I hope the Admiral can find a way of getting a new one in order to be on the DX groove again. Also my regret for the kitten lost (I like cats). My special thanks to HQ for the publication of my Radio Mil article, but the Dominican coat of arms was placed upside down, good grief!* There are further changes in the Dominican list of MW stations; Telecomunicaciones ordered off the air the following stations which were operating illegally, that is, they had no license: 1030- Radio Cayaca-Higüey; 1240- KIRM R. Sol-Higüey, & 1310-HIHZ- Radio Boya. HIFD-1420 R. San Francisco (formerly R. Unica) has moved now from San Francisco de Macoris to the town of Fimentel, name has been changed again to R. Unica, they had no license to operate in San Francisco de Macoris. The new station R. Villa Tapia is heard on 1193, yes, off frequency, and the owner is a former Director General of Telecomunicaciones!! For those interested who haven't found the place on the maps, Villa Tapia is in the center of a triangle formed by the cities of La Vega, Moca, and San Francisco de Macoris. HIFA-1600 La Voz de las Fuerzas Armadas is currently silent on this frequency as well as on 4825, 60 meter band, but is heard daily on 107.1m FM and on 1320k relay from the city where a special building is in construction for the studios. It is expected that these frequencies will be active again soon. Some announcements have been heard that R. Television Dominicana will also increase power up to 50kw on 620k. Well, this will be all for the time being. Re-member, I hope to meet many of you at Miami next Labor Day. *Sorry about that, César...! -BPC

GEORGE B. SHERMAN - 104 Pinewood Circle - Rosemount, Minnesota - 55068
 HQ-129-X \$85 postpaid, excellent condition. DX has been so good I'm up to 1,398 heard. I might even make 1,400 this season, hi. On 4/1 I found WITL-1010 Mich. w/c/w way atop all @ 6:17am. Next was WKJR-1520 Mich. @ 7:19 w/eligion o/semi-local KOIM & no sign of pest KOMA. WPLY-1420 Wis. discovered in semi-null of semi-local KTOE @ 7:29. SM 4/2- R. Super-1040 Colombia faded o/R. Tropical @ 1:10; KXGI-1360 Ia. has s/on @ 7 w/SSB SMs ahead of my semi-locals by 1-2 hours, so way over QRM, leaving only 11 Iowans to go. KMAN-1350 Kan. another early SM s/on-SSB o/QRM @ 7:01. Somebody was doing f/c-TT on 900 from 6:40-6:55 first SM, a Southerner in CST zone w/1,000w, but I could not ID. Could somebody check for me? Also a TT w/ID on 1420 @ 6:30, not sure if f/c, & not IDable u/KTOE. Next was KMRN -1360 Mo. s/on-SSB in mess @ 8. The morning was completed w/reception of one of my closest unheards, WPRE-980 Wis. s/on 8:45 poor & just 15 minutes ahead of local WPBC s/on. SM 4/9 was about the best ever with EIGHT new stations! It all started with PRE3-1180 R. Globo from Brazil w/good signal 1:05-1:55 playing "Charge" at least once every 10-15 minutes. I listened nearly an hour because I was fascinated by the excellent signal for around 5,500 miles. Everybody should get this one. At 1:55 R. Mil, Dominican Republic, fades in over them at a very strong semi-local strength w/all info on calls, frequencies, etc. after slogan "R. Mil en Republica Dominicana". That's c/country #34. Then apparent anthem. R. Mil s/off times seems to vary SMs. After three hours of sleep I tuned to 1580 for #39 on that frequency, WKUN Ga. @ 6:30 s/on o/QRM. KHJ-930 @ 6:23 w/r/r fair during WKY SP w/pests WEOL/WBEN in daylight. KXEN-1010 Mo. convinced me they exist w/s/on @ 6:30 o/QRM about five seconds before local WJSW. XEJ-970 s/on @ 6:59 seconds before semi-local JQAG; WGVM-1260 Misa. s/on-Dixie fair w/QRM @ 7, KDUZ off till 8 SMs; KPRS-1590 Mo/ s/on poor u/semi-local WIXK s/on @ 8. Still 102 short of my 1,500 heard goal by 8/16. CBC stations have been going off RS early, presumably due to strike, but I have OCs on & only some U.S. vests are there anyway. If I wrote an article on AERS, would BPC publish it? * Does it have to be typed? I think it would be of interest to the general membership w/different ideas & opinions than first article by Jerry Starr.
 *- We'll accept articles of acceptable quality on any subject involving MW radio. -BPC

THOMAS R. SUNDBSTROM - Box 205 - Willingboro, New Jersey - 08046
 Greetings. In my last Musing I think I mentioned I thought I had found the towers of WPRJ-1310 in Edmunds' home town. In speaking with Russ one day on the telephone, he told me they were not up yet. In a subsequent visit to Morris County on 4/12 I discovered the towers on question to be those of WMTR-1250 & WDHA-105.5m housed within one studio on N.J. Route 10 E of WRAN-1510.

Which all goes to explain why I haven't been able to hear WPRJ yet, hi. Last 4/9 I noted WTTM-920 going off the air @ 11pm, an unusual time, so I stopped on 4/14 to talk w/Ron Simpson, CE, at the Yardley, Pa. XR site. The sked has two SPs, midnight to 7:30am Sunday & 11pm Sunday to 6am Monday. Full details in DDXD. CX here have been getting downhill rapidly. Successive SM monitorings of 1560 prior to WQXR s/on have netted just two, in WVAK & WTRQ, w/a good deal of noise. I did get a tape of KIMM-1150 TEST though, on 3/27, for my second S.D. Who has the ABC programming "The Week in Viet-Nam" I am & following, heard MM 4/10 u/WIP-610 while looking for WTOR-DX which was not heard? And last, but not least, an enjoyable afternoon and evening was spent with Kathy and Bob Foxworth on their visit to this abode on 4/15. Among several things discussed/demonstrated was the tape of DX off Jerry Conrad's Florida Beverage. 4QD-1550 in Emerald - egad! It's enough to make you cry. KQRL sounded better than most of the low-powered Philadelphia locals. Very interesting tape; perhaps the Florida gathering can arrange to have it played at the Convention. I think it would be well worth it. 73.

RONALD F. SCHATZ - Box 2814 - AMF - Miami, Florida - 33159

Greetings! As of this writing the geomagnetic field is quiet, but not the local thunderstorms. Lately I've been forced up to 60 meters for my DX, speaking of heresy, hi. Well, the past season started off great, then never-recovered from the lengthened MWA. Word is that next season will be a repeat performance, so grab what you can before the new year of '73. Prediction: In ten years 99% of the stations that legally can will run 24 hours a day NSF, including FM & TV! The only alternative is a Communist take-over, a move that would substantially reduce the number of stations on the air, as the case in Cuba. Is it worth it, comrades? But the hobby will not suffer, as the past has proven. Question: Where in the world is "Turncaptor" or anything similar near Lima, Peru? This is the announced location of the new "R. Independencia"-1550 mentioned in Richard Clark's Lima-area list, not Tahuantisuyo. I heard the tape, but we can't find anything on our best maps of Peru. Caracol-list correction: "R. Atenas en Purificacion" is an affiliate. ("Atenas" is SS for "Athens"). That "R. Quantantantu" is still a mystery; "Guantanamo" is actually phonetically closer to the real thing. Nothing similar appears in the '73 WRTH. Well, Convention time draws near, only four months away. We hope to have a lodging for definite mention next issue, also other data in future issues, which HQ should leave room for. Some advice: The Miami sun is hot and bright, so bring sunglasses, a light shirt, beach attire, sandals, and forget your suit. Choke yourself with a suit on the way down, and you'll suffer as soon as you get off the plane. Unless you plan to patronize a luxury hotel on Miami Beach or a formal night club you'll have no need for anything formal, so dress for a tropical climate. I just bought a heavy duty storage battery for the pending Beverage party, so bring down your RX, we'll supply the 12 VDC. Items for the annual auction will also be appreciated, also a qualified auctioneer, hi. And who will win the Ray B. Edge Award for coming the greatest distance to attend the Convention? Don't put it off any longer, come on down to Miami - minus 17 short weeks - in '72! Setentitres y Deequis.

DAVID KABLE - 29247 Waldensa - Wickliffe, Ohio - 44092

Hi everyone! First, many thanks to Glen Heal of Oklahoma for telling me about the TV DX club in Wisconsin. I will join it as soon as possible. Today I sold my Star Roamer radio for \$38, but I'm afraid that money is going to buy a 35db TV Amplifier. It's too bad the NRC is having its problems now. (Tell ME about them, David - not known here -ERC) So far I am slowing down with AM DX, and starting TV DX. WNEU-1600 sent me a nice letter & CM and said that my direction was favorable in their pattern. However, WAQI dominates, with very small traces of WNEU. No more news on the WKYC situation. This season has been m, most serious. Does CMO verify? Probably they do if they accept you as a true revolutionary, hi! I liked the April Fool's edition of the DX NEWS. Let's have more like it! * We shouldn't harass our fellow DXers. We get enough harassment from the non-DX world. Is the Lafayette HA-600-A similar to the Allied A-2515? I think that they are very much alike, and the reason why I bought the Allied is because it was on sale for half price, only \$50! 73s to all and more soon. *-Thanks but no thanks, hi-CDD

THE NEXT ONE HUNDRED VERIE SIGNERS

A - Wes Boyd	D - Jim Critchett	F - Bruce Portner
B - Eric DiRiccio	E - Rich Eddie	G - Carl Dabelstein
C - Bill Feidt		H - Ernie Cooper

540	W DFX N	V. Nunn, CE	E	1370	K V Y L	D. Hogsdon, M, E	G
550	K BqOW	M. Hansen, CE	D	1380	W A M S	C. J. Griffith, E	A
	W GqNG	D. Cole	H		W L I Z	A. N. Davis, CE	A
560	W I S	Mr. Hill, GM	E		C K L C	L. Brazill, AE	E
570	K C N O	Martha M. Curnow	G		K C I I	R. E. Ellinger, CE	E
	W S Y R	Miss F. Palumbo EngS	A	1370	W ApBD	D. Wilson, TD	E
	K G R T	R. Wells, CE	ABD	1390	K J P W	D. E. Coates, GM	E
	W W N C	R. Herman, CE	A		W F I W	T. Land, GM	E
	W MqAM	P. Anick, CE	A		W F R L	L. Van Prooyan, E	F
580	W CqHS	S. Shrader, CE	A	1400	W BfA T	W. Arnett, CE	F
	K A L B	R. Richardson, E	A		W IqN C	A. McKay, CE	A
	W K T Y	H. H. Lee, M	A		K B R B	L. Rice, M	E
590	K SqUB	R. Gum, CE	E	1410	K A H L	A. E. Dahl, P	G
620	W JqDX	u/u	A	1420	K U L Y	Tex Smith, CE	E
655	Y SqS	u/u	G		K P E L	J. C. Prejean, TD	E
700	2 NqR	u/u	G		K T O E	H. Engel, CE	E
740	C BqNM	F. Holm	A		K XpOW	R. Gipson, AM	E
790	K UFLF	N. N. Sartain, CE	D		W A C T	A. G. Johnson, CE	E
880	1 YqC	u/u	F		W K S R	G. M. Martin, GM	G
910	W A K O	S. K. Lankford, M	E		K H F H	Hardeen Pitts, Reptn	G
	K ApMD	C. Carter, PD	E		W V J S	E. Jagoe, CE	G
930	W K C T	R. Hendrick, CE	A		K B r T N	W. Scott, M	G
1050	C JqIC	u/u	D	1430	W P C F	Belinda Paulk, TM	E
	C HqUM	G. Jones, E	D	1440	W HphY	Sandra Fuller, S	E
1070	K E N R	R. Libby, Op M	E	1450	K SpIW	Joyce Ehrbek, AM	E
1080	K S C O	C. V. Berlin, CE	G		K B U N	R. D. Tyner, TD	G
1100	K RqEX	u/u, CE	G		W L P M	G. Belvins	A
1130	W P Y B	R. R. Johnson, GM	A	1460	K D O N	J. Steele, PD	A
	W E E O	J. Hartzler, CE	A		W A X C	F. Scheidt, Su E	A
1140	K RqAK	u/u	C	1480	K CqK W	L. Rhymes, CE	E
1150	W H U N	J. Bixby, CE	A		K LfM S	C. Lewis	E
	K WfKY	L. Newman, CE	E	1490	K R I B	R. Scott, PD	G
	C K O C	L. Horton, CE	E		W D X B	R. Wilson, CE	G
	W IfM A	W. E. Harrison, CE	F	1500	W PpM B	Mr. Clark, P, GM	E
1170	K S T T	P. E. Blair, CE	A	1510	W AcYT	A. Young	E
	CeF MmL	B. Bertrand, VP	H	1540	W ShM I	J. Grubbs, K9EIV	E
	K CqB Q	u/u	G	1550	KfI Wm A	F. Luepke, CE	H
1140	W RqV A	Dir., Pub. Rel.	G		W B A Z	M. Strauss, CE	A
1190	K P A R	D. Shaw, CE	E		W OqK J	u/u	E
1220	W F A X	M. A. Miller, CE	E	1560	W TrP S	R. B. Taylor, M	G
1150	W T A W	A. J. Nemeo, CE	A		K T U I	J. L. Richardson, PD	E
1250	K A L O	D. J. Philipps, CE	E		K WcC O	M. McKee, CE	E
	W R E N	A. J. Keberlein	A	1570	W O l A	J. Baragona, CE	E
1260	W G V M	J. Rey, SM	G	1580	W O R V	V. C. Floyd, CE	E
	W N S L	E. Breland, M	A	1590	K I N T	L. Daniels, P, GM	E
1270	K B L C	P. Dulfer, CE	F		K E N D	P. R. Blane, CE, (NxD)	E
	W M P M	C. E. Lamm, GM	L				
1290	K J E F	C. Bailey, CE	G				
1330	W JrPP	P. L. Ruhn, CE	G				
1340	W A G N	R. Howard, CE	G				
1360	W LmI Q	R. G. Savell, CE	E				
	K SqC J	E. Kruger, CE	F				
	W W B Z	F. C. Fekel, CE	A				
	K R R R	W. Boone II	D				

We have more on hand, and are waiting until it swells to 100, and then we'll have another page of verie signers. Remember that verie collecting has been for decades an integral part of the DX hobby, and we heartily recommend those who have stopped or haven't started, to verify your catches!

INTERNATIONAL SUPREMACY RATINGS



Norm Maguire
2877 Kalakaua Ave.
Apt. 704
Honolulu, Hawaii 96815

#	DXer	Location	T.V.	Ctys	For.	Asia	Best
41	L. Kruse	Iowa	4080	15	77	---	---
34	W. Stone	Ontario	2910	32	2497	---	---
36	N. Maguire	Hawaii	2843	54	2819	37	JOOC/JOPK 880 500w
40	G. Allen*	California	2737	57	503	67	R. Sakhalin 973 20kw
59	S. Drake	Pennsylvania	2415	56	315	1	R. Baghdad 764
46	H. Holbrook	Maryland	2287	99	698	2	Iraq 764
31	F. Wheeler	Pennsylvania	1670	23	185	---	---
33	R. Sperry*	Connecticut	1611	40	235	---	---
60	R. Anderson	Virginia	1440	101	425	4	R. Damascus 786 10kw
60	A. Rugg	Quebec	1406	58	1215	---	---
39	C. Freeman	California	1381	61	342	30	VOA-Luzon, P.I. 1140
33	D. Reynolds**	California	1345	75	465	56	R. Brunei 895 10kw
58	A. Merriman	Virginia	1315	85	287	3	Yerevan 863 160kw
54	J. Starr	Ohio	1119	50	190	---	---
58	E. Wesolowski	Nebraska	1081	20	110	1	R. Peking 1040
47	R. Luton	North Carolina	1044	23	142	---	---
?	W. Willis	California	925	55	129	34	HLKI Korea 880
64	D. Whatmough	Ontario	865	11	?	---	---
34	H. Gustafson	Illinois	831	96	285	12	Haifa, Israel 1025 500w
64	B. Reynolds	Missouri	800	24	100	---	---
68	F. Waldron**	New Jersey	714	28	161	---	---
62	C. Mohr	New York	565	22	103	---	---
38	D. Phillips	Kentucky	562	26	?	---	---
63	G. Scrimgeour	Ontario	526	47	440	26	FEN-Japan 1580 2kw
67	R. Eddie*	Missouri	508	11	32	---	---
62	T. Davisson**	Ohio	474	11	38	---	---
64	B. Porter	Washington	433	18	44	12	JOLK 610
58	B. Dangerfield	Pennsylvania	412	111	336	6	Pyongyang 655
65	R. Richman	New York	412	10	60	---	---
64	M. Sorensen	Ontario	402	8	299	---	---
67	J. Renfrew	Maryland	366	16	51	---	---
66	J. Burger	Holland	341	82	339	14	JOLB
?	H. Wilkinson	California	332	62	319	88	R. Sakhalin 973
58	R. Leamy	Ohio	305	44	110	---	---
?	J. Neff*	New York	302	29	87	1	VOA-Okinawa 1178
39	H. Robb	Massachusetts	260	87	145	3	Aleppa, Syria 746
?	T. Kerfoot	Ontario	243	6	186	---	---
68	J. Pejza	California	223	22	45	2	RFSFR 1475
?	J. Shannon*	Pennsylvania	187	9	8	---	---
?	B. Karchevski*	California	161	5	8	---	---
67	C. Reno**	Connecticut	106	22	58	---	---

Congratulations to Jan Burger in adding 22 new contries verified. Many members need to update their totals or risk being dropped from the standings. Next month, total and best African verie. Getting this column typed on my birthday before I give a talk to the Honolulu Amateur Radio Club later this evening. Hope you all had a good DX season. Still bothered by images and lack of suitable antenna here. 73 and Aloha, Norm



(Let them try THAT in RLA!!)

COMING BACK SOON to a

DX NEWS NEAR YOU!!

WATCH OUT, IRCA PRODUCTIONS...