



OLDEST
MEDIUM WAVE
DX CLUB
Established 1933

34 issues per year
\$13.25 Airmail
\$10.00 First Class
\$7.50 Third Class

OFFICIAL PUBLICATION
of
NATIONAL RADIO CLUB

VOLUME 36

APRIL 12, 1969

NUMBER 26

ANOTHER 1ST CLASS ISSUE

Rather than run medium-sized this week and next, we're holding back a few pages of non-vital feature and verie-signer material in order to stay under the 16 page weight break; once again all members will be receiving their bulletins by First Class mail this week. Only one of the two "improvements" mentioned last issue actually came to pass - our new colored masthead. ERC's typewriter ribbon was so worn out when he prepared last week's copy that the printer was barely able to make it readable even with our old high quality photographic process. Ernie's been given the word to darken his copy for next week so we ma be able to try the new Itek plate maker then. The printer asks us to remind all editors and other contributors to provide dark and clear original copy; when in doubt get a new ribbon.

picture it!

In a similiar vein, a few tips about what sorts of QSL's will photograph properly for DX Showcase. Avoid photographs and shaded drawings - we're using very high contrast film and "grey" tones just won't show. Colors are reproduced as if they were black - with the single exception of light blue (which tends not to show at all - that's what happened to Ben D.'s SABC card). This also means that cards and letterheads with two overprinted colors - such as John Garifino's "NB" (which featured black lettering on a red background) - will come out all black. In general assume that everything that isn't either white or light blue will show in the final product as if it were black. Items submitted for DX Showcase are given very special care and handling by me personally; items which obviously won't photograph properly are returned immediately along with a note explaining what the problem was. We expect to "preshoot" everything now on hand right away and it'll be returned as soon as that's done.

flash!

Sat. 4/19 1240 KURL Billings, Montana 500 watts 0210 onward; this is a freq check for IRCA; reports to Albert Ortmann, C. E.

Mon. 4/27 730 WKOY Bluefield, W. V. 1 kw 0000-0200 or 0300.
This test arranged for the NRC by Frank Waldron.

The Publishing Committee extends its thanks to Bob Foxworth who came up and helped us last week with every stage of the production of DX News - from making headlines to addressographing and stamping!

Admiral Nelson

April 12, 1969

Volume 36 - Number 26

STANLEY D. MAYO
WILLIAM GRANT
KENNETH G. DAVIS
DR. PAUL H. STEIN
FRANK LaBELLE
PAGE TAYLOR
CHARLES V. PEA
MIKE HARDESTER

NEW MEMBERS
36 Greeley Street
16 Goulding Street
1 Severn Ridge Road
350 Lenox Road, Apt. 5K
319 Beaubien East
Box 208
2533 North Talbott Street
401 Birchwood Court

Our Thirty-Sixth Season

Portland, Maine 04102
Worcester, Mass. 01609
Annapolis, Maryland 21401
Brooklyn, New York 11226
Montreal 326, Quebec
Butler, New Jersey 07405
Indianapolis, Indiana 46205
Modesto, California 95350

PRaises OUR SIZE TO THE SKIES

"I sure do like the offset printed bulletin. The biggest bonus is going to be not finishing up the DX season with a pile of old bulletins 18 inches thick cluttering up the shack." - Don Kenney - Box 1668 - Santa Monica, California - 90406

SPECIALS

		kc/s		watts	A.M.	E.S.T.	
Sat. April 19	K S V P	990	Artesia, New Mexico M	1,000	2:01	3:00	IRCA
Sun. April 20	W A N L	1540	Lineville, Alabama	1,000	2:00	3:00	NRC
Mon. April 21	K A L F	1510	Mesa, Arizona	10,000	2:31	8:00	IRCA
	21 K O O L	960	Phoenix, Arizona	5,000	3:00	4:00	NNRC
	21 K L M E	1490	Laramie, Wyoming	500	3:30	3:45	IRCA
Thu. April 24	K O V E	1330	Lander, Wyoming	5,000	2:01	3:00	IRCA
Mon. April 28	K T U F	1500	Tempe, Arizona	50,000	2:01	2:30	IRCA
Mon. May 5	K A A A	1230	Kingman, Arizona	1,000	3:00	7:30	IRCA

KSVP: Reports to David Button, Manager, 317 West Quay, Artesia, New Mexico 88210.
NANL: If not heard last Sunday, try this Sunday. See last week's DX NEWS.
KALF: This is the probable date - they said "A Monday in mid-to-late April." Reports to KALF Radio - 146 S. Country Club Drive, Mesa, Arizona, 85201, attention of Mr. James Groll, Chief Engineer.
KOOL: Reports to Mr. Ray Miller, KOOL Radio/TV Inc., 511 West Adams Street, Phoenix Arizona, 85003. Arranged by Kevin Slater of NNRC.
KIME: Reportz to Mr. Robert Rule, Box 1054, Laramie, Wyoming, 82070. Do NOT send your reports to the station, but to this address ONLY! Bill Nittler.
KOOL: Further note. Kevin Slater of NNRC says send reports instead to Mr. Al Hillstrom, Chief Engineer, instead of to Mr. Miller as above.

MUSINGS FORMAT

It seems lately about one a week has been writing to Musings, and recommending that NRC adopt the IRCA-Forum formula for Musings. We have up to now, printed all these comments, but beginning this issue, we are not. Why? Several reasons:

- 1- If we drop DX data from Musings, let me assure you, we will need a new Musings Editor. Ye Ed would not be interested in a column of inconsequential palaver.
- 2- NRC sees no reason to imitate anybody else's style or format.
- 3- While NRC is not against progress, we still stand on our 36-year record of success in the BCB field. At one time, DX NEWS contained ONLY Musings, or, as they were then called, L.P.O. (Listening Post Observer) Reports. We've come a long way in 36 years, but Musings, we are proud to say, is still Musings, only much improved over the old style. We again urge EVERY NRCer to Muse regularly. List your DX by date & time, in E.S.T. ONLY, even more important now with DST sneaking up upon us again. When mentioning a f/c, give time you tuned in & out, or it began & ended, to help us formulate next year's f/c master list. Mention type of programming heard when you mention your loggings - this helps others! Two more in the WEEKLY series! C U N 7!

MUSINGS of the Members

Ernest R. Cooper

438 East 21st, Brooklyn, N.Y. 11226

April 12, 1969

FRANK WALDRON - 25 Lakeridge Drive - Metawan, New Jersey - 07747

Another big solar flare this week accounting for poor DX. Here's an example: 3/22 (before flare) WABD-1370 r/c u/strong non-verifier WFEA & weak WSPD @ 1:40. MM 3/24 was a near waste of sleep. Unn WDJV-1410 s/off loud 12:03. f/c-TT-1440 ID @ 12:38 missed. ZBML-1235 very loud all am, next to near clear channel 1230. A tentative report to WDXB-1490 as an rr station u/WBCB r/c 1:45-2 & on; had Ac-sounding NK @ 1:54. By the way, WBCB merely interrupts RS for the f/c & then continues RS & I believe they use only 250w for the r/c. WLOB-1310 unexplainably in alone @ 2:07. BSS oh boy, WINE-940 I&C @ 5:15. WEXT-1550 I&C 5:40. WTCW-1570 s/off @ 6:15 alone, unk c/w after that w/YL giving tax return tips. Does Aurora affect varies also? Only CKCH-970 WJLV-1520 WDEA-1370 v/f & WIRH-1240 v/f this past week. CK better be better by Easter holidays. Oh yes Russ Edmunds, your WJRW-970 1030 spur was heard down here a couple of times last Summer but very weak. Also look for WJBC-1190 WNEW-1250-1430 WLIB-1070 WABC-650 etc. All these are heard at times despite the fact I live more than 25-30 miles from their XRS. Locally I can hear WCTC-1450 image on 540 & WERA-1590 image on 680. And ERC can't even hear WERA on 1590, hi). (Ah- I've been looking on the wrong frequency! -ERC) Enough of this foolishness. I heartily second the bid for RED BANK in '70! 73.

JOHN T. TWEDDIE - Box 103 - Oakhurst, New Jersey - 07755

DX has picked up a bit here & a couple of varies have come back. WKFE-1530 v/c (glossy card, scenic), WRPM-1530 v/f - "Thank-You-Gram". DX lately has been as follows: 2/22- WAFI-1500 Middlesboro, Ky. on 12:08am, a good signal. WFTF-1450 2/22 f/c 12:32am, TT. Unn WAFI-1560 again 2/26, 12:07am. 3/3- WEVA-860 f/c-TT 12:02am, unn. WDEM-1500 AT 1:03am, unn. WKFE-1550 RS 1:14am. WBAZ-1550 u/ WKFE on f/c @ 1:10, unn. I forgot WLL-930 on f/c-TT u/WPAT @ 12:36am, but not needed. WJGN-1510, Logan, C. on TT w/only one ID heard 2:30am on 3/10. WRPM-1530 ET 1:35am, WICY-1300 on ET 2:10am, both 3/17. WVCV-1000 RS @ 3:44pm 3/26. I enjoyed meeting the fellows at Dave Roy's on 4/22 where I met Randy, Frank Waldron, plus others for the first time. Pete Clarus, Bernie Duffy, Joe Fela, Russ Edmunds & of course Ernie I renewed old acquaintances. Thanks to Dave for the opportunity. In reference to a "Black List" I am not in favor of such a list. I have quite a few stations that will not answer me even after four/five reports & I just write it off to experience. An education program for the stations would be a much better idea. I must add my "two cents" to the new format which I appreciate as it is a very fine job & easy to read. My thanks to all concerned. I enjoyed the item concerning WELW-1330. Almost unbelievable. I guess that is all for this time, best wishes.

SP/4 R. L. Russell - RA11626692 - Co. C - 26th Engr Americal Div., A.P.O. S.F. 96217

I guess that now is as good a time for a Musing as any. Right now I am on 24-hour bunker guard at L.Z. Bronco, overlooking beautiful downtown Duc Pho, some 40 miles S of Chu-Lai. Not too much DX to report. I have managed to hear Red China in EE on 1040k, also 1350 plus/minus 50k & 1550 plus/minus 50k. My radio is calibrated that well, hi. Also I heard Philippines, 600k or so. R. China broadcasts in EE w/typical propaganda starting @ 5pm local time. That would be either 4 or 5am back on the EC of the World. It seems as if it would be a good thing on a MM hi! Good news for you snow-bound Bostonians - there is NO sloopover from WZKO! With that I bow out on another one of my rather infrequent Musings. 73s. (Good to hear from you, Dick, and the very very best to you -ERC)

Ralph M. Johanns - 501 Ellicott Street - Apt. 3 - Buffalo, New York - 14203

WBRF-ly, the P.O. is the big beneficiary & the stations get free

April 12, 1969

dtamps for their Easter bunnies. A business man in Middlesboro Ky. 40965 wrote new WAFI-1560 is RS (first week March) & 6am-6:45pm sked; he's trying for v/s info. "Thank-You Gram" v/1 WRPM-1530, Box 352, Poplarville Miss. 39470 (for 3/17 XR/c); new folder v/q WQWO-1190, has stat on history & 12:05-5am off MM. v/qs: WBRY & WBYB-1590 & v/q CHEX-980, Box 659, Peterborough, Ont. (My "oldie"-1944 was 1430K). V/1, v/c & two CMs (D/N) by KRLD-1080 & a v/1 WKCY-1300 whom I heard again 2/28 EP/c 2:48-3:10 etc. Daytime coming too fast now & many D station s/ons are "lost" now & CJRW-1600 is 'yet' (two weeks now) doing AN on/off funny-testing (3/28 also), during which I got WAAM/WHBT 3/22 & WHBT again 3/26, s/on WFRG-NC 5:30am 3/25; 3/26, WHLL WVa. RX 6:30-7; WAMA-1590 Wis. s/on 7-7:15; XEDM-1580 came in 3/27 5:45-6:10am RS. On 3/24 WH00-990 f/c-mx 1:36-2:21s/off to return RS @ 6am & a few others. U C me after Easter, maybe I'll have a bunny (not fried-chicken, ERC).

J. W. Brauner - R.D. 1 - Box 61 - Punxsutawney, Pennsylvania - 15767

It's been a slow DX month here, last half of it marred by heavy line noise caused, the power company says, by a faulty underground industrial line nearby. It is to be overhauled soon. Also much Aurora CX lately, such as WTAI-1560 in the clear long before sunset, no WNR; 1060 all WNOE, no KYW, & KRLD-1080 on top as soon as WEEP signs, no TIC. Very little EING noted, even a lack of TTs! UNIDed & OTHERWISE. I did hear a few such as unid WGLB-1560 u/heavy CC & SS QRM on 3/29 near 2am, only one ID noted. Only new DX was ZBVI-780, fair to good on 2/24, a perfect ID @ 5:11am. WBBM took them out soon after w/tests. WLKE IDed u/WWVA @ 7pm on 3/5, not enough for a report. The "Big Country" station keeps 1170 pretty much covered here! One of the best catches of the season came on 3/27 due to Aurora. WNVY-1230 Pensacola, Fla. heard w/f/c-TT from 2:10 to 2:25am, frequent IDs but I didn't hear him say it was an r/c. Well atop all, also. Maybe I had WKQW r/c on 3/28, easily heard on 1300 to 12:13 but no voice at all during breaks, so no go. That's it for this month - no veries, only one current season report out, KECK. WCAS NRC TEST of '68 remains unanswered along w/a few non-specials from last season. 73.

Bruce Reynolds - Route 2 - Warrensburg, Missouri - 64093

Hi. Not much in the way of DX here, but a lot of Aurora CX, especially the last weekend in March. For example, on 3/29 around 10pm, the 1360-1420 section of the dial featured KTRS-1360 KFRG-1370 KIBD-1380 (local-like), XEOR-1390 (excellent), KQVL-1400 (easily copyable), KRIG-1410 & an unid SS-1420. Between 11:11 & 11:51pm I was able to copy a report on rarely heard WGLB-1560 s/o KRIG. I was up briefly on MM 3/30 & 1220 had an unid which someone might be able to help with. They were EING w/c/w mx @ 3:44 tune-in, very weak signal. They played "Mother May I" by Lizz & Ram Anderson, then @ 3:46 started Glen Campbell's "Hey Little One." Mx was cut off @ 3:47 w/a closing ID, but I blew it. Fits CHEC, except I thought I heard a "H" in the call. Any help? Veries: v/1-KODL-DX (Oregon #6) & KUPD. v/r-WAZS & v/q WTOP (I finally got DC #163, hi). I hereby issue a warning to the substantial NRC Air Force contingent: I may be joining you this fall, so LOOK OUT! 73s

Ken Lyon - 5155 South Newstead - Aron, New York - 14001

No DX done last PM as Aurora all but wiped out the band. Dead spots and buzzing made listening unbearable. I did do some DXing during the week & came up with: 3/22- WEEB-1490 @ 9:30pm, w/WBTA null'd. 3/27- WHPV-1440 in @ 12:16-12:37am w/f/c-TT, had phonetic ID. WJFC-1460 in @ 2:03am w/r/c-DE, quite weak. New veries are WASP w/a very attractive letterhead, & WINA w/CI. C U later.

Andrew F. Ragg - 15 Lake Breeze Avenue - Pointe Claire 700, Quebec

CKGM-1220 will go to 10,000/2,500 from 1,000. CJTR-1150 will move to 1140K & 10Kw U. The regulatory authority in Canada is no longer the Board of Broadcast Governors (BBG). It has been replaced by the Canadian Radio-Television Commission. The only item DX-wise is a verie from WLLZ-1590, thanks to Dave Schmidt AS THEY SAY IN EAST ST. LOUIS, ILL. "WATER" "WALK ACROSS THE RIVER" for the NRC '69 CONVENTION! (Yeah, we know - WATER is in Waterbury, Conn. - spoil-sport!)

INTERNATIONAL DX Digest

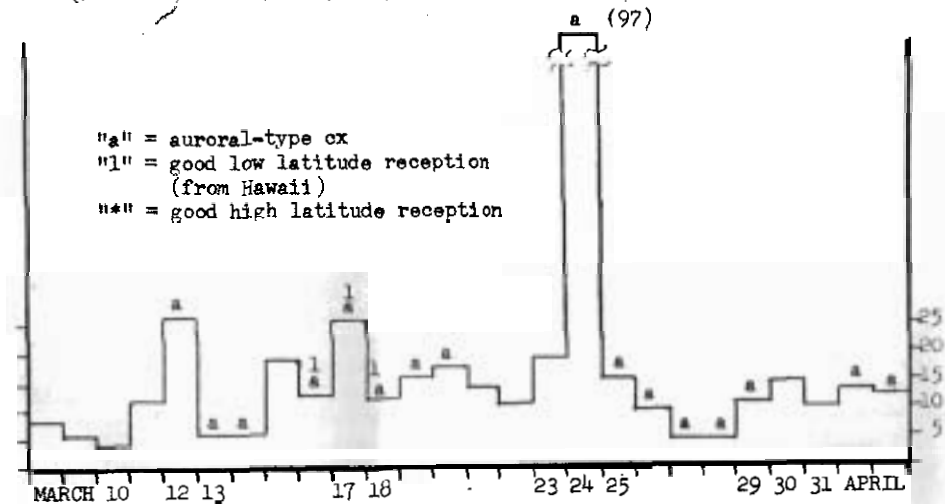


Propagation & Features
Gordon Nelson, 19 Irma Ave
Watertown, Mass. 02172

DX conditions here in the Northeast continue to be quite auroral with the usual persistent enhancement of reception from the south. Several of the most powerful high band TA's (e.g., BBC-1214, NDR-1586) were noted with weak signals on the morning of the 31st of March in Massachusetts and Pennsylvania. We have already received a substantial body of information describing conditions on March 24th per our front page plea. We are still studying and processing this data; we are holding off running it for another week so that we may present it all together.

It is now becoming obvious that the auroral/geomagnetic storm of March 24th was quite unusual and is of great interest to us in our scientific study of the relationship between MW DX reception and the "auroral" process. While the peak value of 97 is not especially remarkable for a severe storm, the fact that this event was both preceded and followed by relative quiet is of great interest. WE NEED YOUR OBSERVATIONS ON CONDITIONS for the period beginning March 23rd! In particular we need to know both details on unusual receptions and unusual absences on the band. PLEASE let us know what you did and didn't hear on that MM; we're also interested in your observations as to the dates that conditions began to return to "normal" following the storm of the 24th. The thing we're most interested in is the behavior of stations to the SOUTH of your location: which of the regulars were missing on the 24th, which unusual stations were noted that aren't usually heard, and the date when you began to experience "normal" reception from the South (as compared to receptions the week prior to the 24th, for example).

Geomagnetic/auroral activity as measured by the Fredericksburg A index dropped back to a relatively low level following the disturbance of the 24th; what we have been experiencing since then in the way of "auroral conditions" appears to be strictly the aftermath of that one storm event. We lack sufficient information at this time to be able to predict just when we will again have good high latitude reception; help us help you by supplying us with data.



RADIO VLTAVA

IDXD Special Feature

- From a Czech MW DX'er

[During and following the invasion of Czechoslovakia by Warsaw Pact armies last fall the most powerful and often quoted "quasiclandestine" station was Radio Vltava, operated by the invasion forces. The following account of this station comes from an active BCB DX'er in that unfortunate country and is the first such account to reach us. We are withholding the name of the DX'er and source of this information for obvious reasons. Ed]

Vltava is a Bohemian river, known to most of you possibly under the German name 'Moldau'. Vltava has the same meaning to Czechs as Rhine to the Germans. It is celebrated in many songs, folk tales and stories closely tied with the ancient history. The famous composer Fredrich Smetana compiled a symphonic poem 'Vltava' as a first part of his sextuplicate symphonic cycle.

The first initial bars of his poem sounded as an interval signal in the air introducing a new radiostation in the night towards August 21, 1968 when the troops of USSR, Poland, Hungary, DDR and Bulgaria entered our territory. At first this station only played music interrupted by announcements: "The patriotic group of members of CSSR [Czechoslovak Soviet Socialist Republic - Ed] Central Committee of the Communist Party, CSSR Government and CSSR Parliament has just asked the Warsaw Treaty Allied Forces to enter our republic in order to defense (sic) the socialism (sic). Stay by your receivers and inform your neighbors!" Then followed a short TASS [Official Russian News Agency - Ed] Agency newscast about the situation. The new radiostation was evidently Dresden 1043 [East Germany - Ed] using the 1430 channel with an omnidirectional antenna. Dresden channel became silent.

Being jammed [presumably by the remarkably well-prepared Czechs - Ed] Vltava searched a new frequency and tried 1043 on August 24, but back on 1430 the next day. The 1043 was occupied by a reserve transmitter in Dresden with weaker power. Radio Vltava was not the only transmitter of this kind. Other transmitters were 'Working Voice of Republic' on 1178 kHz and later 1061 broadcasting from the USSR Embassy in Prague, Radio Druzba (= friendship) near Bratislava and finally Radio Zare (= flame) on 1250-51 kHz bringing the most clever propaganda. Radio Zare used a very strong transmitter south-southwest of Prague probably of USSR production. After Zare ceased its programming it became the USSR Armed Forces Radio Station in Czechoslovakia and relayed mostly Mayak [one of the regular Russian networks - Ed] programming between 0700-1100 and 1700-2100 [Central European Time - Ed]. Announced frequency was 1250, but in reality 1247 kHz.

Radio Vltava became 'famous' for its announcers speaking ugly Czech and Slovak. The text was grammatically perfect, but the pronunciation! Now they have replaced many announcers and now they are relatively endurable. Radio Vltava must have direct connection (VHF?) with Prague as informations came very rapidly in the tough days. The news are broadcast every full hour. Although speaking both Czech and Slovak Radio Vltava was inaudible in Slovakia, especially in the Central and Eastern parts. Using still the omnidirectional antenna it was perfectly heard in N and W Bohemia, Prague and Central territories. In other parts of Bohemia and Moravia it was audible in the mornings and evenings. Radio Kopenhagen disturbed from about 1500 CET and was very strong in the evenings. In Slovakia during the evenings this frequency was covered by a USSR station relaying Moscow SW in Hungarian, Rumanian and other languages. This new station is located in Western Ukraina or Moldavia [based on rough DF from Czechoslovakia - Ed].

Radio Vltava never announced officially by whom it is operated, but it is understood that either Radio Berlin International or Allied Forces Headquarter [The other side's "allies", that is! Ed] is behind the curtains. In the second half

of February 69 Dresden transmitter returned to its normal use on 1043 replacing the weaker reserve transmitter. The role of Vltava was granted through one of the stations of Radio Berlin International using a directional antenna on 1430 kHz with a better reception in Czechoslovakia. A fortnight later the name Vltava was dropped and the station now announces "Radio Berlin International".

The change of the official name of the transmitter has had several consequences:

1. The interval signal has changed to the old German communist [his lower case, hi. Ed] song "Bruder, zur Sonne, zur Freiheit."
2. The selection of music must be in coincidence with international agreements of the rights of using the records in radio programming. [Now must observe international copyright? Ed]

Schedule is now: 0530-0730, 1130-1330 and 1600-2400. This is in force on weekdays and is amendable.

-30-



*ANGOLA. E. Official de Angola is being hrd on 781 in Africa from 2300 (Sundays 0030) to 1800 (Saturdays 2000). This one is announcing that they are operating on 701 with 5 kw. (ARC) Perfectly possible but not too likely around s/off 2000 on Saturdays during the next few months. (Ed) MUCH MORE LIKELY is the new 100 kw unit now in operation on 1367; sign-on at 2300 daily will be one of the best bets all summer! (ARC; Ed)

*SAUDI ARABIA. Jedda, long operating on 723, has recently switched or drifted to a measured frequency of 743; this one is being hrd in Europe with English language programming. (Ed)

*SOUTH AFRICA. SABC's NEW EARLY SIGNON is great news for North American DX'ers: English Service on 566, 1034, 1115, and 1313 is now coming on at 2100 (2200 on Sundays); the Afrikaans Service outlets on 593, 827, 863, and 1043 are now also coming on at 2200. Look for weak carriers on these channels from 2200 past 2330 all summer but beware of mistaking the last fleeting traces of fading TA's for SABC! (Ed)

*COOK ISLANDS. ZK1ZA on 600 is now signing off at 0330, Richard Wood. (WRB)

*INDIA. AIR's new Commercial Service began operation on 4/1 according to a broadcast from New Delhi. (Ed)

*GREAT BRITAIN. The BBC regional services will be closed in the near future according to a recent speech by Lord Hill, BBC Chairman. Radio 3 will be incorporated into Radio 4 and Radio 2 will be merged with Radio 1. (ARC)

*ANGUILLA. A number of us have been watching the news out of this little island for mentions of the station first described in DX News about 6 weeks ago; the only item that might have any bearing on the Bank of America's 1500 kc installation was spotted by our good friend Don Jensen. The Washington Post carried a story, datelined Anguilla, March 19th, which said in part, "Webster ["President" of the rebel Anguilla government - Ed] accused British Commissioner Anthony Lee of being one of three men who slipped secretly into Anguilla a few days before (British Undersecretary of Foreign Affairs William) Whitlock's illfated visit and attempted to set up a secret radio station." Perhaps the "government" which demanded BCB adaptability for the BOA's station was not the rebel government after all...? Any information or press clippings about this matter would be greatly appreciated. (Ed)



IDXD Monitor Reports

Members' Loggings:

Bob Foxworth, GPO Box 2111
New York, N.Y. 10001

Telephone Tip No.: 212-582-0844. All times in DX News are E.S.T.
Deadline is Monday at present. Urgent tips may be phoned in Monday evenings; collect accepted. Mail deadlines preferably a Sunday box arrival.

- 580 Puerto Rico. WKAQ very strong 3/31 w/letter ID W-K-A-Q, hrd 2 to 3 am. (Renfrew, Conn.)
- 680 Colombia. R. Miramar w/sudden ID 2026 3/23, very weak u/WRKO. (Renfrew)
- 725 Guatemala. TGN in religious EE very strong, overriding 720 & 730 here at 2130 3/23. (Renfrew, Conn.) (see 730 item.-Ed.)
- 725 Suriname. SRS in EE among others, popular mx and strong 2100 on 3/25, thru 3/28 also good. (Renfrew) (Yes, even sounds like an Iranian stn to European monitors when they play that asiatic mx, hi hi-Ed.)
- ** 730 Guatemala. TGN noted back on this freq. 3/29 at 2100 w/SS religious pgms. XEX weak until about 2125. (Bruce Reynolds, Mo.) (Bruce, TGNA is listed as the call of their SW // on 5955 per most recent FBIS-Ed.)
- 740 Cuba. L.V. de Cuba in o/OC w/nx 0345 MM 3/31; next mx to be at "4:30" (Hauser, Col.)
- 750 Nicaragua. YMX easily copiable for report 0011 3/30. (Reynolds, Mo.)
- ** 755 Nicaragua. YMX, R. Equis, now on this freq. Nice clear ID at 0015 4/2. Good s-3 signal, no QRM. Probable move because of Castro on 750. (Rogers, Fla.) (Good news to our English members who have had trouble verifying this country in the past; kills Aden here, hi-Ed.)
- 765a unID. Very weak LA hrd 3/25, 2305-2327 with hard to read speech. Loop indicates Central Am. rather than the more easterly Venezuela or Colombia. (Zahner, Md.) (CONRAD and DANGERFIELD have also reported this.)
- 770 Venezuela. YVQQ, R. Puerto la Cruz hrd 0500 3/31 w/"Reporte de los setenta y siete" indicating they are still definitely on 770. What has happened to the planned change to 760? For them (and me, with KGU here), 770 is a far better frequency. (Wood, Hawaii)
- 780 B.V.I. EBVI has bought the "Sovereign" IGM syndicated music service. Not hrd by me, tho. (Hauser, Col.) (That's Int'l Good Music, no? Incidentally, our "rodetown" bit was for the benefit of those 'DXers' who read DX News to find the mistakes, hi. We like to keep everyone happy, difficult as it sometimes may be, hi. Pun, anyway..Ed.)
- 780 Venezuela. YVOD weak 0320 3/17; Maracaibo plane crash news. (Renfrew)
- 790 Cuba. CMCH fair w/no domestic QRM 2200 3/18. (Renfrew)
- 800 Mexico. XELO EE MX thru CKLW, even strength, 0220 3/17 (Renfrew)
- 810 Colombia. HJCY Radio Sutatenza at 0557 3/31 with nice ID "Deade Bogotá, Colombia, transmite Radio Sutatenza". Loud and clear; definite this is the high-powered xtr inaugurated by the Pope. (Wood, Hawaii)
- Radio Sutatenza HJCY hrd 2010-2024 3/30, US and SS mx; other SS behind but no WGY. QRM from color-TV warble (should appear at 802.45 and 818.18, nominally, -I'd hate to own your set, hi-Ed.) (Rogers, Fla)
- R. Sutatenza with no sign of WGY 2100 3/12 (Renfrew, Conn.) (Call is shown as HJCY; part 1 of 7/68 FBIS seems to have skipped a page which would include this station...price of progress, hi-Ed.)
- 830 Venezuela. Caught a "Radio Miranda" ID during WNYC s/off 2200 3/25.
- 830 Cuba. ID in SS 2300 3/29, no WCCO. (Renfrew, last 2.)
- 870 Ecuador. HCNY-2 Radio Cristal, Guayaquil at 0407 SM 3/30 with Andean mx, ID, times in -ST. (Hauser, Col.)
- 940 Sort of reverse reception: Local #1NZ's Jerry Wichener mentioned getting a report from the Netherlands, and the DXer sending it asked what the Nightmare Club was. Jerry if the official Night Mayor of Miami's Dade Co. (Rogers, Fla) (If we spoke Dutch this wouldnt happen!

- 1013 Panamá. La Voz del Barú, David. 0505 with news, very good 3/28; since R. Minutera moved to 1120, I had given up hope of Panama, so a welcome catch here. (Wood, Hawaii)
- 1020 Tonga. Fascinated by signal under XSW5-1020 HI show: how could it be KDKA when no trace of #82-1030 was hrd. Caught an "English-sound Top-40" cut during one break, a Tahitian cut on the next fade (less lush, less slack string uke or guitar, bouncier beat than 90% of the KHVH-KLEI Hawaiian fare) and a beer spot for "Tonga Stronga Lager" with jingle. QRM like summer static here, and tnx to Prof. Wood for showing me how on this one! (Jay Murley, Calif.) (Your QRM and absence of KDKA both due to the aurora. That beer sounds like a winner to me, ask for a sample in your report? Hi. -Ed.)
- 1020 Venezuela. R. Margarita hrd nightly with aurora, s-9. (Renfrew) R. Margarita at 0500 s/on 3/26, very good and best YV. (Wood, Hawaii)
- 1038 Mexico. XEWS spur here, up a bit 3/27 at 0000 with 2-min-fast TC's and distorted tangos. (Hauser, Col.)
- 1137 Colombia. HJAC Emisoras Rio-Mar, Barranquilla with Todelar plug 0141 3/31, ID, TC 6 minutes slow. Do they alternate freqs every week? (Hauser, Col.) (No Glenn, their wanderings are secret coded messages beamed to "Crystal", Ontario, hi...sorry about that, couldn't resist)
- 1150 Venezuela. Ondas del Caribe, Punto Fijo. Local news 0515 3/26, separable from Khabarovsk with loop. (Wood, Hawaii)
- 1155 El Salvador. YSCP loud and clear ID between records 2345-2353 3/30.
- 1160 Colombia. Definite Emisora Sinu ID 2358 3/30, Todelar net pgm 2355-0010 3/30 and 3/31, with some local Monteria ads interspersed in the pgm. (Walt Rogers, Fla.-this and the 1155 item)
- 1295 England. The last TAY BBC ES with nx 0007 3/31, faded abruptly at 0030 as the Invasion from Outer Space took over (magnetism). (Paul Kilroy, D.C.) (We should have high-banders like 1538-1554-1586 with us 12 months per year-if they stay AN-altho will be weak. Ed.)
- 1390 Mexico. XEOR I&C during aurora cx of 3/29. Reported, carried Reynosa baseball game at 2208. (Reynolds, Mo.)
- 1463 Costa Rica. La Voz de San Carlos with hexican mx 0430 3/28, an outstanding signal. (Wood, Hawaii)
- 1520 Colombia. HJLQ hrd 0300-0415 3/17, "R. minuto da la hora"
- 1550 Asiatic R.S.F.S.R. If you think you have a TTer here MM and probably daily 0414-0426, well you do, but it is Khabarovsk on which I wasted 12 minutes 3/31. At 0426, straight into the middle of a sentence at s/on // various others; very loud. (Wood, Hawaii)
- 1595 Colombia. R. Ciudad Milafro, HJH Armenia, IDed at 0110, pop mx, hrd 3/23 for the first time. (Objio, D.R.)
-
- 740 Australia. 2BL Sydney at 0755 3/28 // 2CY-850. First time noted this y-ar. Wood, Hawaii)
- 780 Barbados. R. Barbados at s/on 0430 3/26. When they said "Greetings to listeners throughout the country, they were kinda underestimating their coverage, as they were pouring in here in Hawaii. New country.
- 890 Fiji. Radio Fiji, Lautoka at 0430 3/28 with Indian chants. First time hrd this year and a prime pointer to DU CX.
- 890 Australia. 5AN Adelaide 0730 and later on 3.28, very good indeed. This was the dominant Australian throughout the night, not 4QB or any other closer station. (All 4 above via Richard Wood; sorry, it fell out of file folder so missed the sequencing-Ed.)
- 1295 I.O.M. Foxdale (1295.060) easily split off from St. Maarten (hrd on 1295.0276) with fantabulous n-port dichroic filter (rose-colored) installed between mixer and separator, logically enough. Logged on April First...logically enough. (Foxworth, New York) (pre-ERBA)

VERIES

- 770 JAMAICA. Large colorful v/q from W.G. Matthews, C.E. Took 2 months to reach me after mailing, believe there was a steamboat strike down there. (Waldron, N.J.) Card, same as all others. (Renfrew, Conn)
- 780 B.V.ISLANDS. ZBVI verified by pix post-card, reading "ZBVI Tortola" and postmarked as "Road Town". (Millar, Wash. state)
- 780 VENEZUELA. YVOD, just a pennant, 12 days with 2 IRC's. (Renfrew)
- 800 BONAIRE. Commemorative QSL for relay here, from R. Nederland, has a map of the island. (Renfrew, Conn.)
- 940 VENEZUELA. YVNN Radio Punto Fijo sent nice v/l, specifies 940 as freq., from Román O. Aguilar, Director, via registered airmail, and a new country here. (Wood, Hawaii)
- 1010 CUBA. Anyone noticing the item in RLA's bulletin concerning mailing of books to the station here, be advised that the U.S. Post Office will not accept such packages for mailing due to restrictions imposed by the Cuban postal authorities on sending of such materials. Letters, and items such as tape recordings apparently, get through as they qualify as mail whereas books apparently do not.
- 1025 AUSTRIA. Österreichischer Rundfunk, Dobl, Styria verified with lengthy letter in English, tells of reports from ECNA but none from WCNA; looks like my 5th most Easterly verie and leaves Hungary among logged but unverified Europeans, so most welcome. (Millar, Wash.state)
- 1090 MEXICO. Unsigned v/q from XERB, address: Box 2735, San Ysidro, Cal. 92073. Reads: "This is to acknowledge your reception report of 3/10 1969 wich is correct" so the typist then inserted a "t" so as to spell "witch". Oh well. (Edmunds, N.J.) (Mus' be account of those little weeds growing out there in the desert...they do that to people, so we hear back here in the East. Hi!)
- 1200 DOM. REP. Inspecific pamphlet from Radio Santa Maria, 21 days with 1 IRC. (Renfrew, Conn.)
- 1210 GREENLAND. The signer for the informational letter from this AFRTS station, which we ran last week, was: 1/Lt. Terrence E. Leaman, USAF, who is Officer in Charge. Suspect he's the man to write when reporting reception on either 1210 or 1425 Thule stations.
- 1214 ENGLAND. V/l's from H.D.P. Bambridge for 1214 and 1457, had addressed my reports to him. Mentioned receiving reports from several other parts of the U.S. around 2/24, also for 1214. (Waldron) (This gentleman has, I believe, always been a prompt verifier. -Ed.)

back of the file

*César Objío answers our question about a "semi-postal" stamp: "the one-cent stamps are for education, and for handicapped children. They are issued to raise funds for these activities. The stamps alone on the envelope have no value as postage, which is 10 cents airmail to the U.S." *Pakistan has requested the U.S. Military vacate it's monitoring station at Peshawar by July 17th; anyone over there made jobless because of this is always welcome to sign up with NRC, hi. This is the place, of course, that Francis Gary Powers, immortalized. *We trust Walter Rogers is recuperating nicely, and welcome Matt Zahner to our distinguished clientele of top-notch DX reporters. *Glenn Hauser suggested we adopt the European (and Military) style of date-reporting for each advocate of this system (and I am one) we have many people who use the customary American form of dates (e.g. April 12) and we must stay with majority usage to minimize errors and confusion. If you ALL want to change to the "12 April" date convention, let me know. *C.M. Stanbury wants to know (in IRCA, however) how "we" got Colombia on Central Standard Time...I didn't know we were THAT influential yet. *And I'm still impressed after having a session with GPN's new altazimuthal loop...promises to be a Godsend to the Urban DXer. Thanks to the Nelsons for their hospitality. 73 Foxy

DOMESTIC DX Digest

Randall Kane
37 Myrtle Ave.
Winthrop, Mass 02152



after hours:midnight to sunrise

- 720 KAUI-Hawaii all alone 3/28 at 0426 w/no trace of WGN. (Kaskey)
- 910 WSBA-Pa ID and nx 0329 3/31. (Cliff Reno, New Canaan, Conn)
- + 920 WTHH-NJ Now s/off 0030. (Frank Waldron, Matawan, NJ)
- 970 WFLA-Fla 0320 3/31 AM & FM ID. (Glenn Hauser, Lowry AFB, Colo)
- 1220 WDCJ-Fla 3/31 at 0150, assume to be the one w/"FM in Jacksonville". (Paul Kilroy, Washington, DC) Does have FM in Jacksonville, but is D1...on ET? (sk)
- 1290 WTOG-Ga 3/31 s/off at 0012 w/"Taps". (Kilroy, DC)
- *1330 WCRB-Mass On late 4/5 w/cl Easter pgm, nx, s/off 0150. (sk)
- WBBB-MA 3/31 w f/c, ID at 0150. (Kilroy, DC)
- WBY-Wis 3/31 at 0150 w/record offer. (Kilroy, DC)
- *1440 WHPV-Pa Heard 3/27 0016-0037 w f/c-TT, Phonetic ID, not listed. (Ken Lyon, Akron, NY)
- +1490 WDXB-Tenn Per stn now s/off 0000. (Waldron, NJ)
- +1510 KGA-Wash Hrd 0417 3/31 w/CJRS for state 42. Is now AN MM, & off Tues AM per JRCA. (Waldron, NJ) 0525 3/30 radio career ad, ID, rock; OC too. (Hauser, Colo) OC? ET?? (sk)
- *1520 WSLV-Tenn R/c begins 0130 3rd MM, uses "Dixie" over & over. (FW)
- +1540 KFKF-Wash S/off u/KPOT. 3/28 at 0501, no SSB. (Kaskey, Cal)
- 1600 WCPK-Va Had ET/TT-mx 3/24 at 0055. (Lewis White, Trenton, NJ)
- **+ CJRN-Ont Was apparently AN MM 3/31. (Waldron, NJ)

sunrise and daytime

- 540 CBT-Mfld Foxy said, "WILX is off- try for WDMV"...but instead we heard CBT, at 1400 4/4. (Gordon Nelson, Watertown, Mass)
- 1240 WBR-Tenn S/on-SSB 0500 3/4. (Jerry Starr, Youngstown, Ohio)
- WOHT-Wis 0559 3/31 1M s/on. (Hauser, Colo)
- +1460 WPBA-PR S/on 0407 3/31. (Waldron, NJ) (Kaskey, Cal)
- 1530 KCLR-Tex S/on atop a SS (KGBT?) 4/2 at 0715 w/Hymn, into C&W

sunset and evening

- 620 WJDX-Miss Loud and all alone 3/20 w/ID, good sigs for 1 kw. (Reno, Conn) What time, Cliff? You list it as SSS...sure would like to hear the tape. Where was WVNJ? (sk)
- 980 unID Phillies BB 2115 4/1, WILK? (Russ Edmunds, NJ)
- 1070 WKOK-Pa Thru strong CBA 2152 4/1. (Edmunds, NJ)
- 1150 WDEL-Del On top fighting WRUN 4/1 2155-2205. (RJE)
- 1160 unID 2230 3/30 WJJD off definitely not KSL. C&W-RR mentioned Ohio. Has a new stn opened on this freq? Maybe an image. Not WVA slop. (Reno, Conn) My only suggestion is to see DDXDs 9/14-10/5. (sk)
- 1310 WORC-Mass Way u/CKOY, WLOB 4/1 2242. (Edmunds, NJ)
- WLOB-Me o/u CKOY, others 4/1 2209-2250. (RJE)

New unlisted phone number:
(Wow!)

(617)
846-6669

April 12, 1969

Don Kaskey - Hotel El Rancho - Box 235 - West Sacramento, California - 95691

ERC's idea in re WC Musers in 3/22 DX NEWS well worth while & I will work on this. DX really something else in mid-March. Those sun spots or solar flares or whatever they are must really have been kicking up as everything is S., & E & N have almost disappeared. On 3/15 CX were really weird, from 6:30-7:30pm PST nothing E of Reno was noted on a clear channel. KTWO was non-existent, as were KBOI & KOMO. Only thing that was coming in were stations to the S and most of the CAs & SAs weren't much either. We did note Hauser's off-frequency Mexican on 1035 though. MM 3/24 was a bust, Hawaii was in well but no new ones heard. KUMU where or where are you? Veries in from KODL-1440-DX KBAN-1410 KBIG-740 KXLE-1240 & KBLW-1390, all v/1. Still about 21 reports out this season but some are notorious non-verifiers like KGRB KRGO KCHJ & KAZA. Also KORK KAFF KZIA & WISM don't seem to care to reply. Len Kruse, you got 14 veries in two weeks when you already have 4,000? Tremendous! (You should have stayed in Iowa, Don -ERC) About all from this end until more DX is heard. ST. LOO in 69 & Middleburg Heights in 70. 73.

Richard E. Wood - 1630 Ruth Place - Honolulu, Hawaii - 96816

Latest veries: KMO-1360 Wash., first from Hawaii; WCKY-1530 O., KSKY-660 Tex., first from Hawaii; WCCO-830 Minn.; KDAC-1230 Cal., first from Hawaii & most distant report; CKCK-620 Sask.; KDIA-1310 Cal.; KOIL-1290 Neb.; KOL-1300 Wash CFRB-1010 Ont., first from Hawaii; WRFD-880 O., most distant report; KOB-770 NM; KEEN-1370 Cal., first on record from Hawaii. In Musings of 3/22, KSWs should of COURSE BE N.M.-1020 & Ore.-630 is KWRO. Reports are out to KBBR-1340 & KPOJ-1330, Ore.; KFBK-1530, KFAX-1100 & KUDE-1320, all Cal.; WBAP-820 WRR-1310 KCOR-1350 KXOL-1360 & KHHT-790, all Tex., which is now level w/Oregon at 17 heard, for my second best state after Cal.; KASA-1540 Ariz.; CHQM-1320 BC; KBOI-670 Id.; WFUN-790 Fla.; KFAB-1110 Neb.; WKY-930 Okla. & KMAM-1530 Mo. for the NRC TEST which came through nicely for a new state. I believe I am the only NRCer whose sole Mo. catch is KMAM - KMOX has not yet been logged here. I was previously not too keen on TESTs & never tried for them, but after the challenge of this TEST, with Dave Fischer's constantly varying IDs, I think I'll look for some more in future, especially as they are generally before midnight local time. So, CPCers, you might care to bear the Honolulu local CRM situation in mind when arranging them. US heard/verified now: Ariz. 2/1, Cal. 87/17, Colo. 2/0, Fla. 3/1, Ga. 1/1, Id. 3/1, Ill. 4/0, Ia. 4/1, Kans. 4/2, Ky. 2/1, La. 1/0, Mass. 1/1, Mich. 1/0, Mo. 1/0, Minn. 1/1, Mont. 2/1, Neb. 3/2, Nev. 1/1, N.M. 3/2, N.Y. 5/3, O. 4/3, Okla. 4/0, Ore. 17/5, Pa. 2/1, S.D. 1/1, Tex. 17/5, Ut. 3/1, Wash. 14/2, Wyo. 1/1, Total 193/55; plus Alaska 7/3.

Marv Garber - 2539 Kessler Boulevard - Lincoln, Nebraska - 68502

Meager DX: MM 3/17- WING-1410 off so I got logs on KEHN Cal. s/off w/ SSB @ 2:50am followed by CFUN-B.C. s/off @ 3:08 w/GSQ, very weak for 50kw, which left KQV-Pa. all alone but extremely weak w/rr. No KFSC-1220 TEST heard here, I doubt if they were on. 3/29- CJVR-1420 w/rr @ 1:45am w/WHK for second report. WAKE-1370 Fla. w/f/c-TT @ 1:55 w/IDs every two minutes or so, KPOP-1490 w/AN mx with KBCN looped, KFTI-1270 w/s/off @ 2:05, CHAT-1270 w/MoR @ 2:24, both w/KFJZ looped. MM 3/24 was a complete washout. The static and line noise were both o/s-9 so nothing heard at all. MM 3/24 (17-ERC) KNOV-1490 Tex. w/MoR @ 1:35am o/WBCN, WQUA-1230 on AN w/MoR dominating @ 12:30, KYOK-1550 Tex. heard w/MoR & NX @ 2am, and the highlight of the morning, KACY-1520 Cal. heard w/talk on British/Anguillian affair to 2:58am s/off-SSB. For s/off announcement, all they said was "This is KACY, Port Hueneme, Cal." then SSB. They were completely alone on 1520 w/no SS RM for a change! Not bad for Luv, eh? Veries: KFTS & KUPD, v/1-CM; CKDA-v/1 WKBA-v/q. Only four veries in the last two weeks, ugh! Totals 960/267, 44/40, 6/6, 24/9. Only 81 veries out of 113 reports this season compared w/131 out of 150 last season! Best states/provinces for veries are: Tex. 20, Cal. 17, Ont. 17, Mo. 16, Kan. 16, Ill. 14, La. w/13. I am planning to be in ST. LOUIS over Labor Day, are you? Thanks forecoment on myMusings, B. Reynolds! 73 & good DX.

LET'S SEE THOSE MUSINGS, LADS! BE SURE TO DOUBLE SPACE! THIRTY LINE'S THE LIMIT!

April 12, 1969

Cliff Reno - 75 Parish Road - New Canaan, Connecticut - 06840

Hi DXers. In response to IDXD write-up (3/29 DX NEWS) YVRR-1160, actually I should have put unID - I heard an SS on that frequency mention Guarenas quite a few times, so I assumed it was they (also heard mention of Industry or something close, ID?) The time was 2:07am. In the continuing drama of SRS-725, I have come to the conclusion that the announcer's name must be Jonny Walker. That is all he yelled for the first three minutes of his show, hi. Their IS must be the first few seconds of Cream's "White Room". Attention DXers: Some of you may not know the tiny country of Surinam is 3½ hours behind GMT or 1½ hours ahead of EST. So you might try them on the half-hour for a definite ID - down there, it's the hour. Not much DX-wise (I hear an echo, hi): WJDX-620 st te #37 heard; R. Nederland-800 (I almost had a heart attack when I heard them, then they let me down w/"From our relay at Bonaire, Netherlands Antilles.") R. Belize seems to be back on 834 un. MM 3/31 very disappointing. CX bad due to Aurora, I guess. YVOD-780 report sent 2:58; WSBA-910 York Pa. 3:29; ZBML-1235 w/rr 3:15, new country heard (#22). Veries: WOWW-860 KTAR-620, both v/q. ERC: I love it when you say "not much DX" e.g.: KFBK-1530 HJAQ, hi. Walt Rogers, I hope you are feeling better. 73 & good DX to all, and remember, FRODO lives! Peace, Love.

Russ Edmunds - Box 291 - Hawthorne, New Jersey - 07507

And once again the phantom of the airwaves returns- with bloody little DX. 3/26- WEEB-1300 @ 6pm s/off just after WKQW's; WMTN-1300 @ 6:02 again, w/unID c/w u/them. 6:09, WPTF-680 in well just before pattern change; 6:12, WAPE-690 like-wise; 6:15, unID on 790 w/NX & stock reports, but at 6:15, XR cut in middle of stocks. Seems to me only WPAR changes pattern at this hour, and looks like nobody s/off then. Help? CX are still bad, but improving slightly. Strange happenings on the busier regional channels, but nothing too awfully unusual. 3/30- 9:05, WKAA-580 SS; 9:18, WEAN-790 o/s WAEB. 3/31- 10:35, WIXZ-1360 ex-WMCK for formal log, unID rr u/CHOW-1470 @ 10:50. 4/1- Phillies BB on 980 @ 2:15, WILK? WKOK-1070 @ 9:53, through very strong CBA; WDEL/WIUN-1150 fighting for top w/no Canadians present. 1220 was all Canada & no WGAR. 1260 was WNDR w/all kinds of noises. 1300 was WFBR w/20 o/s-9. 1310 found CKOY @ 10:09, o/u WLOB, both nrw here, and eventually @ 10:42, WGRC sneaked through. WICH there earlier, plus two more rrs, but there are about ten possible. Veries in from WERD-1090 v/q, address in IDXD, and WMTN-1300 v/r. Reports out to WLOB WDEL CKOY. Latest problem on the HD-100 is the antenna trimmer which is at best erratic, so I guess when Summer CX really set in I'll have to send it out again. C U in ST. LOUIS? St. Louis will C me, who will sponsor an ERBA bash near the EC?

Paul Kilroy - 2113 Fort Davis Street S.E. - Washington, D.C. 20020

Solar flares predicted on March 30. It seems like they've been continuous for a month. Work will cut into DX time this month and will miss some of the Specials. A few new stations added to the log the past two weeks. 3/22- YVMI-700 10:03pm w/ o/WLW. 3/25- WKBA-1550 Va. w/Lifeline to 6:30 s/off. 3/31 brought a few TAs. All disappeared by 12:30pm. (I should think so! -ERC) Best was BBCBS-1295 @ 12:07pm. (PM? -ERC) Other DX: WTOG-1290 Ga. 12:12pm s/off w/Taps. CJRU-1600 Ont. 1:15am. KOMA-1520 Okla. 1:35am w/computer program ad. "With RM in Jacksonville" on 1220 @ 1:40am u/XEB, I assume WDCJ, Fla. WBAY-1360 Wis. 1:50am weak, but readable with record offer. WEEB-1360 Md. @ 1:50am w/f/c & OC. Countries so far, 37/26.

CHANGES IN STATION DATA - F.C.C.

(Purchased from Cooper-Trent Div. of Keuffel & Esser Co., 1130 19 St., Washington)

CALL CHANGES

1330 K C L M Redding, Cal., from KAHR 1490 W X I T Charleston, W.Va., fr. WQWV FACILITIES

950 W R Y T Boston, Mass., 5,000 D-1. Cancel permit to move XR site.

1050 W H N New York, N.Y. Minor changes in directional pattern (50,000 U-3)

1410 K C A L Redlands, Cal. 5,000/500 U-2. Move day XR site (two sites then, D/N)

1540 W B C O Bucyrus, Ohio, 500 D-3. Changes in directional system.