

# dx news

*the magazine of the National Radio Club*



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NUMBER 27

"This is the last quote to be run in this space. Watch next issue for some format changes." -RJE

## ON THE INSIDE.....

Final '75-'76 CPC Report - Jerry Starr  
Product Review : CES Model 100 Digital Frequency Monitor - Bob Foxworth  
Just Think What A Silent Period Could Have Produced - Brian Vernon  
Verie Signers - Ernie Cooper  
International DX Achievements - Norm Maguire  
Clipping Corner - Various  
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Daytime DXpedition - Mark Connelly  
NIS Logo Info - James Guthrie  
Domestic Log Updater - Ron Musco  
Night Pattern Book Updater - Wes Boyd  
Various Convention Infos : LADs, HQ, ANARC, IRCA  
A Special Bicentennial Announcement from HQ

## NEW MEMBERS

- \* Jack F. Staff, 1030 Outspring Rd., Stratford, CT 06457
- Don Kaskey, Hotel Raphael, 386 Geary St., San Francisco, CA 94102 (re-joins)
- David A. Klemp, Box 253, Plantville, CT 06479
- \* Robert W. Souza, 875 Santa Ysabel, Apt. 10, Los Osos, CA 93402
- \* Mike Smeltzer, RD 1, Wrightsville, PA 17368
- \* Albert Krenzelok, Box 1179, APO San Francisco 96555
- \* John Boyle, 586 Parkway; So. San Francisco, CA 94080
- \* Leonard Gaska, 1723 W. 9th St., Pomona, CA 91766
- Gene Glover, 40 Martin Cir., Paducah, KY 42007
- \* Robert Pegg, Box 357, RD 3, Milford, NJ 08848
- Angel Garcia, 32 Hillside Rd., Hackettstown, NJ 07840 (re-joins)
- \* Jonathan Briggs, 41 Hartington Grove, Cambridge, CB1 4VA, GREAT BRITAIN  
(replaces Barry Niendorf as DSWCI exchange editor)

## RENEWALS

H. Whittier, J. Kleppinger, J. Legros, G. Eckart, W. Wendt, D. Erickson, A. Rugg, S. Dellit, C. Weinstein, J. Walters, A. Mahoney, J. Gardner, F. Johnson, R. Eddy, V. Shearer, E. Borowski, J. Kitt, J. Parks, A. Lehr, S. Johnson, D. Pimper, S. Feldman, R. Kirschmer, T. Bratton, W. Murphy, J. Ross, R. Heald, M. Foltz.

## NOTES &c FROM NJPC

Richard Eckman passes word that WWV will (has) discontinue (d) the solar announcements previously being broadcast. He is unsure as to which announcements these are, the ones at 14 minutes past the hour or the ones at 18 past (which latter ones are more important to us). It also says that GEOalerts (the 18 after things) will only be broadcast if there is significant material to be transmitted. Richard suggests, and we concur, that the membership protest. This is a very valuable service, and the cost savings to be realized by cutting it are indeed minute. Complain to U. S. Dept. of Commerce, NOAA/ERL/SESC, Boulder, CO 80302, Attn: G. Heckman, Head, SESS.

THE LADS WILL BE ON RADIO ! over WHAS-840, discussing various types of DX on July 29 at 7:30 p.m. until ????. LISTEN -- or else !

## AND NOW, FOR THE BICENTENNIAL MESSAGE.

Now that we've built up the suspense, hi, we have some most serious matters to discuss. First, we are making some extensive changes in the NRC's operations. These initial changes are necessitated primarily by the recent rapid growth of the club to its current 730-odd members. Reprints will now be handled by Chuck Hutton, in Decatur, GA. Masters will be retained in NJ and orders of reprints to replenish our stocks will still be xeroxed in NYC. BUT, the orders WILL NOT be sent to Chuck. Instead, we are establishing an NRC PUBLICATIONS OFFICE, to be manned by Frank Dailey. Frank will receive all orders, sort them, and distribute them either to Chuck or to Ken Chatterton, who has been distributing our NRC's and manuals, and who will now also take over distribution of orders of Logs and Pattern Books from Frank. ORDERS SENT DIRECTLY TO KEN OR CHUCK WILL BE DELAYED SIGNIFICANTLY, AND ORDERS SENT TO HQ WILL BE DELAYED SOMEWHAT AFTER SEPT. 1, 1976. The address for the publications service will be:

NRC PUBLICATIONS CENTER, P.O. Box 401, GALES FERRI, CT 06335

Further, we have decided to establish a remote MEMBERSHIP OFFICE. This office will handle all membership functions except mailing bulletins. This will include info packets, samples, joins, drops, renewals. Changes of address should still go to HQ. At the moment, we have a volunteer for this job, BUT, this person has also volunteered for something else, which may preclude his handling this, so we do need someone else to take this on. Requirements are reliability, the availability of a P.O. Box (or you can get one) and the availability of 5 hours per week to devote to it. We have a job description available on request for the consideration of anyone interested. Reply PROMPTLY so that we can get on with this ASAP.

NOW, FOR THE BIG ONE: For a variety of reasons, NJPC will be unable to continue to publish DX NEWS after 10-1-77. We are giving the membership UP TO 15 months to find new publishers. We would like to drop it sooner, however, but we will remain flexible to ensure adequate preparation and a smooth transition. Why? 1, We need a new Treasurer because John's occupation is taking him out of town nearly 50% of the time. 2, We need a new backup Publisher because Page is going back to school in addition to working and will have almost no time to devote. 3, We need a new Publisher because RJE is planning to be married in the Fall, and because being self-employed in one's own business takes far more time than working for someone else. We remain flexible because of the above, and also because we are removing both order-processing and membership functions, as well as reprints away from NJ. We are recommending that a Treasurer candidate step forward independently of any prospective Publishers, as we have proven that the Treasurer need not be in the same location as anyone else.

We have a volunteer to take on Publishing in an extreme emergency. He's the one who was mentioned before as being supposed to take on the Membership function. Because he has no backup, and because we know here how difficult it would be for one man to handle all of publishing/ mailing, even if he had no other obligations, which this individual has, we are extremely reluctant, for his sake and for the club's to go this route. If we must, we must, but we hope that the NRC spirit will provide a more workable alternative. Any prospective Publishing Committee is urged to contact us immediately for further info. We recommend at least 2 members, geographically located within reasonable travelling distance of each other.

We are confident that we can manage for up to 10-1-77 if we absolutely have to, but that even just handling the bulletin under the circumstances will be difficult, so effective in September, we will be engaging the services of a mailer to keep our address label list and to label and mail our bulletins. The increase in costs will be minimal, and we can cover this in our budget. We likewise recommend that any prospective publishers consider this also.

We regret deeply having to make this decision after only three years of publishing DX NEWS, but we want to afford as much lead time as possible, and to make the change BEFORE the changes in our situations here cause any serious deterioration of services to the membership. People's lives do change, and ours have all changed pretty much suddenly and at once.

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

Greetings. A pretty good column for this time of the year. Some excellent catches including the first ever (to my knowledge) logging of Tahiti-740 in the States. Also, several West Africans. On 7/5 Ye ED had carriers on 1475 and 1502 that looped to West Africa, no audio on either. I might add that it was extremely quiet on 7/5, very little static, almost like mid-winter. The DX is still there, you just have to dig a little harder.

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

**BRAZIL** The new frequency plan will take effect at midnight local time on 10/3/76. All stns must be ready for it - or leave the air. The major problems are trying to import over 300 new transmitters from overseas within such a short time and the current high prices of installing them. Neither are private broadcasters too happy with the new, CBC like Radio Brás and the competition it offers. (Schatz)

**BRUNEI** This country is in the process of ordering 4 100 kw MW transmitters which will probably be linked in pairs as 2 200 kw outlets. (NZRDXL) ((MWN))

**HOLLAND** Tests have been noted on 719 khz, //to Hilversum 2 on 746 khz since 4/10/76.

**INTERNATIONAL WATERS** Radio Caroline has put a 10 kw transmitter into operation on 1562 khz. From May 15 R. Caroline is broadcasting in EE 24 hours a day on 1562 khz with an album mx format, w/1187 khz in // from 1800-0500. At 0500-1800 the 1187 khz outlet carries the Dutch/Flemish programs of Radio Mi Amigo. (SCDX) According to later reports, 1562 khz is now signing off at 2000. (MWN)

**ISLAS ("EES-laha")** This is the correct name of the DX country comprising San Andrés and Providencia, an intendancy of Colombia; at least that's what Colombians call it. (Schatz)

**JAMAICA** RJR is now AN, possibly NSP, on 550, 590, 720 and 770 khz. Pgm similar to ZNS1 AN show. (Schatz)

**LIBYA** New one on 1570 khz might be Sebha w/600 kw (listed on 827 khz). (MWN) Wonder if they're trying to run DW Malta off 1570? (ED)

**NORTHERN IRELAND** The correct address for Downtown Radio, Belfast on 1025 khz is Killtanga Radio Centre, P.O. Box 293, Newtownards, Co. Down, N. Ireland. (SCDX)

**PHILIPPINES** According to a report the VOA station here is now on 1180 khz, noted ending Vietnamese pgm at 1500 w/anmt in EE. (SCDX)

**PORTUGAL** Most private stns in this country have been Nationalized. The only private stns still operating are R. Renascenca on 1169 and 1286 khz (power of 1286 to be increased shortly); R. Altitude on 1496 and Emisoras da Beiras on 1460, 1578 and 1594 are now on 0600-2200 carrying a 3rd Local Program, not in //. A new station is on 1007 khz (no power/location given, ED). (MWN)

**SOUTHWEST AFRICA** The Government of Owambo, a northern black homeland bordering Angola, is considering the establishment of a radio station separate to the SABCs Radio Owambo to counter hostile propaganda from neighboring states and abroad. The sta will probably be located in the homeland capital, Oshakati. (Ginbey, SCDX)

**TRANSKEI** No, this is not another Nibi Nibi. Transkei is one of the African Homelands being established in South Africa. (ED)

**URUGUAY** CM10, R. Ariel on 730 khz has changed its name to R. Continente. (SCDX)

Now, what's been heard . . . . .

- ((Connelly))
- 529 -ALGERIA Ain-Beida fair o/QRN w/A-capello chanting, then AA talk, 0320, 6/18.
- 545 -DOMINICA R. Jumbo is the one here, stronger than both 540 and 550 in Miami. Occasional EE and SS IDs noted. Usual crazy DJ, then news past 0200 until 0220 s/off, varying several minutes every nite. (Schatz) \* 7/2. Nx in FF at 0205 t/in s/off 0215. Good at times but much QRM fm 550. (Waterman)
- 548 -ALGERIA Oran w/potent carrier, better than 529, but weak audio (chanting) 0322 on 6/18. (Connelly)
- 647 -ENGLAND BBC, IS, s/on in RR at 0245. Good sig w/fading. 7/6. (Waterman)

- 650 -HAWAII KORL Honolulu, strong w/Top 40 mx on 6/27 at 1245. (Wiseblood)  
 690 -HAWAII KKUA Honolulu, strong on 6/27 w/pop-hit mx at 1307 w/XETRA off. (Wise)  
 700 -AUSTRALIA 2NR Grafton, NSW, fair on 6/26 and 27 at 1240 w/lite jazz. (Wiseblood)  
 725 -SURINAM Paramaribo excellent w/reggae song in EE, followed by DD sounding talk, then slow non-EE female vocal, 0325, 6/18. Absolutely pounding in, tied w/PJB for loudest LA award. (Connelly)
- 730 -UNID Opera type mx, familiar to SE Asia. Man talked in language similar to Malaysian. I suspect Sarawak. Hrd 6/26 at 1242. (Wiseblood)
- \*\*740\*\* -TAHITI Papeete listed 20 kw, hrd MM 7/5 0719-0730 s/off w/pgm //6135 SW. At 0719, some FF talk (news?) punctuated by 2 gongs between items; at the end, a series of 10-12 notes on a flute-like instrument, then non-Polynesian mx (vocal group like Brasil 76 and a horn instrumental) to 0728 when some more FF, a Polynesian song and La Marseillaise at 0729, then off. This was hrd w/KCBS OC null-ed and a bad buzz (XETRA related?). At 0728, KCBS OC went off just at the end of the mx and the FF talk was identifiable. 10 seconds later, KBRT Avalon put their OC on (nulled about 15° west of KCBS). The last 10 minutes of programming seems to be repeated each day as 6135 was logged on 7/6 w/nearly identical pgm. The 0730 s/off tip was seen in SPEEDX last month. KCBS is off MM only after midnite PLT. Tahiti is only 4000 miles from SD on a bearing of 217°, almost 90° to SF. New country, and a most welcome catch. (Seaver) Vy nice Randy! (ED)
- 750 -AUSTRALIA 4QS Dalby, light jazz on 6/27, time pips hrd at 1300. (Wiseblood)  
 764 -SENEGAL Dakar quite strong, yielding nasty het on WABC 45 minutes before local sunset, on car radio near Revere Beach, 2345, 6/15. (Connelly) / (Wiseblood)
- 770 -AUSTRALIA 3LO Melbourne, lite jazz at 1231 on 6/27, nx at 1300, more jazz 1303.  
 773 -SPAIN Caceres poor w/slow SS vocals in bad WABC buckshot, 0337, 6/18. (Connelly)  
 818 -ANDORRA Sud Radio dominant, at fair level, w/FF talk, 0330, 6/18. (Connelly)  
 830 -HAWAII KIKI Honolulu, good on 6/26 w/pop-hit mx at 1303. (Wiseblood)  
 880 -HONDURAS R. Honduras, Tegucigalpa strong here 7/6 from 1815 to s/off 1903. Some fading, no sign of WCBS, Cuban; occasional KRWN. Mx varied including tropical, American (Connie Francis), inst; frequent "R. Honduras" and patriotic talk between mx. S/off included no call letters; said in SS that R. Honduras was the "Official Voice of the government of the armed forces". (Swearingen) Paul, what time zone is this? It doesn't fit either GLT or GMT. Did you by chance subtract from instead of adding to GLT to get GMT? This must be the "R. Nacional" mentioned in DXN for 3/15/76 which was supposed to be on 890 khz. (ED)
- MEXICO XEPNK Los Mochis, good at s/on 1200, 6/26. "Buenos Dias" song. (Wiseblood)  
 -CUBA CMAF Pinar del Rio, good briefly w/EZ listening mx and MoR. YL dj. Hrd 6/26 at 0541, after all TV's are off! (Wiseblood)
- 990-1000A-UNID jammer here 7/6, 1810. Buzzsaw variety, covered approx 8 khz. (Swearingen)  
 1000 -BRAZIL R. Record, 6/25. Talking in PP, many IDs and mentions of Sao Paulo at 0048. Much QRM from CKBW. (Waterman)
- 1005 -COLOMBIA Neiva, R. Colosal poor in WINS slop w/SS talk, 0200, 6/14. (Connelly)  
 1040 -HAWAII KHVH Honolulu, fair/good w/NIS at 1244 on 6/21. (Wiseblood)  
 1055 -COLOMBIA Espinal HJFZ, LV del Centro weak, SS mx, 0203, 6/14. (Connelly)  
 1059 -CUBA Baracoa CMKG, usual pest, potent w/cl mx, zonking 1060 domestics, 0204 on 6/14. (Connelly)
- 1075 -COSTA RICA TIFC tentative w/fragmentary mx in WTIC splash, 0206, 6/14. (Connelly)  
 1187 -INTERNATIONAL WATERS (Tentative) Mx occasionally noted here, along w/het from TGT, 0312, 6/18. (Connelly)
- 1188 -GUATEMALA TGT fair w/operative SS male vocal, CHYN slop, 0158, 6/14. (Connelly)  
 1196 -WEST GERMANY Munich VOA w/nx, poor, unid 300 hz het present, 0310, 6/18. (Con)  
 1220 -MEXICO XEB Ciudad de Mexico, "R. Cuatro" in good w/MoR 0437, 6/26. (Wiseblood)  
 1286 -WEST GERMANY DLF assumed w/lite mx at a fair level 0111 7/2. (Eckman)
- 1403 -GUINEA (Tentative) Conakry may have been the source of the apparent OC at 0525 7/1. If their SW outlet is any indication of their modulation level then it's going to be tough pulling any audio from them. (Eckman)
- 1457 -ALBANIA Durres tentative, mx, possibly military or cl, had bad slop from CKRB 0305 on 6/18. (Connelly)
- 1475 -BENIN (Formerly Dahomey) Cotonou is believed to be the stn w/OC at 0502 6/25. Ran TT till approx 0511 when a drum-type IS began. Drum and guitar-like inst hrd at 0514 but no speech was discernable. Had a perfect W. African bearing. Will regard this as tentative until I get an ID or if someone can ID the IS. RE my report of 6/25; I taped the IS from their SW// on 4870 and it was an identical match to the one I taped from 1475 on 6/25 at 0515. 1475 has been in on several occasions since then also. Was noted weak on 7/1 w/OC, TT at 0457. (Cont)

- 1475 -BENIN (Cont) On 7/2 it was noted w/OC as early as 0453 followed by a TT from 0502-0513. IS followed till 0515 when NA was played. Even better at 0525 w/native mx which was definitely // to 4870. Noted again 7/5 w/OC till 0507 when TT began but only traces of an IS were audible. This appears to be one of the most reliable high-band W. Africans. Vienna should be no problem here for at least several more weeks. (Eckman) OC noted by me also on 7/5 at about 0510 but no audio. (ED)
- 1493 -IVORY COAST Abidjan was almost certainly the OC that came on at approx 0537 7/2. TT began at 0545 at the same time as their SW outlet on 4940 khz. began TTING. TT remained at good level up to 0557 when it faded into the noise (apparently close to local SR). Perfect W. African bearing. Should be getting better during July as the SR grows a few minutes later and chance for IS/ID increase. (Eckman)
- 1502 -SPAIN Believed to be the one here w/rock mx at an excellent level 0102 7/2. Could not definitely ID the language. (Eckman)
- 1538 -WEST GERMANY DLF Mainflingen poor w/carrier at 0259 6/26. (Eckman) \* Fair in GG w/talk, 0307, 6/18. (Connelly)
- 1550 -AUSTRALIA 4QD Rockhampton, QSLd. hrd 7/5 0800 w/6 pips, short fanfare and "here is the news from ABC ...". This is usually the first Aussie hrd MMs due to high and open frequency. (Seaver)
- 1554 -FRANCE Nice was good at 0132 w/mx and FF talk on 7/2. (Eckman) \* Fair w/FF nx, high side het present, 0302, 6/18. (Connelly)  
 -GABON (Tentative) Libreville. Someone turned on their carrier at 0425 on 6/25 and proceeded to run at TT thru at least 0429 but I was unable to get an ID due to CBE-1550 splash. Carrier remained in past 0500 and had a good West African bearing. Neither 1475 or 1554 were in on 6/26. (Eckman)
- 1586 -WEST GERMANY WDR Langenberg was vy good 0105 7/2 w/OM speaking in GG. Several other Germans were in also around this time. Of note were 1602, 1538 and 1358. (Eckman) \* In strong but with much fading 6/28 0220 w/apparent comedy pgm. As loud as anytime last season, yet in theory - should be undetectable this time of year! All usual TAs from 1538 thru 1602 also present during what must be freak ionospheric condx. (Schatz) \* Excellent, best TA noted w/uptempo male GG vocal, 0256, 6/18. (Connelly)
- 1602 -WEST GERMANY BR Munich had a good carrier when checked at 0256 6/26. No audio discernable. (Eckman) \* Fair in WUNR slop w/female vocal of Beatles song, 0253, 6/18. (Connelly)

One lone verle . . . . .

- 545 -DOMINICA R. Jumbo in 2 weeks, signed by Adrien Silvio, Directeur. P.O. Box 00, Roseau. Letter, in FF failed to give date I reported or info on stn I requested. Also some Jumbo stickers included. (Brodsky)

The reporters for this issue . . . . .

Linda BRODSKY - Rosedale, New York  
 Mark CONNELLY - Arlington, Massachusetts R350A/URR, dipole w/MW tuning unit  
 Richard ECKMAN - Philadelphia, Pennsylvania HQ-180A, Sanserino loop  
 Ron SCHATZ - Uleta, Florida R388/URR, LSCA-2  
 Randy SEEVER - Chula Vista, California HQ-180A, Sanserino unamplified loop  
 Paul SWEARINGEN - LaHarpe, Kansas Fisher 125, passive booster  
 Sharon WATERMAN - Southwick, Massachusetts HA600A, loop, longwire  
 Steven WISEBLOOD - Sanata Maria, California Zenith M660A, tunable 50' longwire  
 MNW - Medium Wave News  
 NZRDXL - New Zealand Radio DX League  
 SCDX - Sweden Callign DXers

"Cx were pretty good prior to 6/25. A minor geomagnetic storm commenced at about 1600 6/25 driving the K-index to 5 at 0100 UTC. High band appeared to be mildly enhanced at 0300 6/25 as has been the case several times this winter (i.e. good highband TA cx just at the commencement of a geomagnetic storm). No Africans were noted at same times on 6/26 however". (Eckman)

That's it. Definitely a good column for this time of the year. Things are looking up a bit here, with at least a temporary change of days off so I am now off on MMs, hope to make this permanent. Also if things go as planned I will be at Foxy's on 7/18. 73 - DX - Report if you're hearing anything of interest . . . . .

# DOMESTIC X IGEST



editor.. Wes Boyd  
2699 W. Liberty St. Ext.  
Girard, Ohio 44420  
Boyd--216 545 4543  
Starr-216 534 1394

Hello again group,

Hope everyone is having a nice summer & all that stuff. So far all my projects are about 50% finished. I owe favors to Winkelman, Healy, Frank Blystone, and several others...Hang on group, I'm getting there!!!

Before the regular stuff, KROQ 1500 is back on the air!! Came back on 6/14/76 with an AOR format with studios in a hotel room. Still using 10Kw days & 1Kw nites, but hours are unknown. changes

### Applications:: (new stations)

- 740 WI Hudson seeks 500 watts DA-Days
- 1080 PA Huntingdon seeks 1Kw days
- 1140 TX Conroe seeks 250 days
- 1190 AL Albertville seeks 1Kw days
- VA Bluefield seeks 10Kw days.
- 1330 TN Lebanon seeks 500 watt days
- 1550 TN Clarksville seeks 250 watts fulltime--DA-2
- 1560 VA South Boston seeks 2500 watt days
- 1590 LA White Castle GRANTED 1Kw days
- 1600 TN Lebanon seeks 500 watt days...

### Applications:: (existing stations)

- 640 OH WHLO seeks daytime pwr of 10Kw & go DA-2
- 790 CA KGPJ granted change from 500 DA-Days to NONDIRECTIONAL DAYS
- 920 WA KITN granted night operation & unlimited hours
- 930 PA WCNR seeks to add night with 500 watts DA
- 940 OH WNAL station/CP finally deleted!!
- 1010 CA KIQI seeks move to "HAYWARD" & go to 50Kw days-25Kw nite DA-2
- PA WUDO is back on air with interim operation.
- 1050 CA KWSO seeks 5Kw DA-days
- 1070 MT KERR seeks 50Kw daytime
- 1080 FL WFIV seeks 25Kw day and 2500 nites, DA-2
- 1150 TN WCRK seeks 5Kw daytime
- 1270 AZ KDJI seeks to add night with 500 watts directional
- VA WTID seeks to add night with 1,000 watt directional
- 1300 AZ KHAC seeks move to 1110Kha with 10Kw & 2.5Kw CH
- 1370 KY WABD seeks daytime power of 1Kw
- 1410 SC WSRC seeks 5,000 watt directional days
- 1420 NY WACK seeks to add night with 500 watt DA
- 1430 TX KEES seeks 5Kw day & 1Kw nites..DA-N
- 1440 ME WJBQ seeks to add nights with 5Kw DA-N
- MI WCHB seeks 1,000 watts night
- 1480 CA KWUN seeks 500 watt night, install DA-1
- 1540 RI WADK seeks 2.5Kw DA-night & daytime 2.5Kw non-DA
- 1550 WA KGAR GRANTED power of 10Kw & fulltime operations.
- 1570 MN KUXL Seeks increase to 2500 watts
- 1590 PA WHPA seeks increase in power to 2500 watts
- 1600 NC WGIV seeks increase in night power to 1Kw

### CALL LETTER ACTIONS:::

- 680 NC WNSJ seeks WRGC 1280 DE WSUX GRANTED WSFD
- 990 MI WCRM seeks WRNN 1370 WA KPOR seeks KWNC
- 1110 FL WQYK GRANTED WTIS 1380 NC WGSE seeks WBIC
- 1150 NM KDEF seeks KNWZ 1400 WV WBOY seeks WBBN
- 1240 WN WKDA seeks WNIM 1460 TN WJAK seeks WQZQ
- 1400 UT KIXX GRANTED KFTN UT KOVO GRANTED KAYK
- 1490 PA WGAL seeks WDDL 1500 NC WKBX seeks WURL
- 1520 WANR OH seeks WGOR

Before the other stuff some general notes from reports a bit to old to use. JWB sez he hears WGFT 1500 midafternoons at fair level. Joe also sez that, per verie, CKAP went 10Kw in 11/75 & is 24 hrs. He finally bagged KTWO 1030 WY back on 4/12..looks like lotsa DXers finally got them.

BW in NC reports that WGBG 1400 is 24 hrs now..SP MM 0000-0500. He now has 2 24hr locals & feels others may soon go AN or NSP!!!

- r c's
- 1st. THU WKYK & WKCB per list (MPO)
- 2nd. SAT KLMX 1450 0210-0220 (AK)
- 3rd. MM:: KXXL 1450 0345-0400 (AK)
- 4th. MM:: WBCB 1490 per list (Semko)
- NOT HRD::
- 4th. MM: KAMA 1060 (Semko) Does this still exist?---HWB
- CHANGES
- 2nd. TUE WCVA 1490 per call is 0030-0040 (AK)
- 3rd. THU WAAC 1300 anncd. f/c 0121-0128 (AK)
- 2nd. TUE WHLD 1270 is 0015-0030 (MPO)
- sunset & evening

Only one item here group...and kinda outdated at that!!  
1600 WARU IN 5/11 Local BB game w/ late s/off at 2112 saying "We've extended our limits....." (CD)  
midnight to sunrise

Before the actual goodies, a note of my policy for DDXD. A few of you sent "DX" from your vacation locations. If the information contains a change in schedule,etc. I'll use it for that info. However I won't use it simply because it's new to you. In most cases the "DX" reported was very common in that area. Besides, now that you've heard the station & what they sound like it should make it possible to log them at your home location.

- \*590 WKZO MI 7/5 Fair 0529 w/ ISSB u/ CMW-WLAP-WOW, then s/on w/ studio & Xmtr. locations,etc. (PRM)
- 800 CKLW ON 6/18 Noted OFF 0425-0445, OC on/off & some Tting. Hrd. the XE u/ them along w/ unid w/ Hungarian mx (BH)
- 1060 WKKQ MN 6/28 ET w/ C&W mx 0231, IDs & asking for collect calls (MPO)
- 6/28 ET w/ C&W mx 0245-0300, YL anncr., called & sez was the new 5Kw rig on ET (Semko)
- 1270 WMPM NC 6/13 Fair 0040-0050 w/ ET & TT (Semko)
- 1330 WASA MD 6/17 In well w/ ET-TT at 0030 & lotsa FM IDs (MPO)
- WHOT OH 6/26 Good sigs. at 0135 w/ "Black Happenings" (MPO)
- 1450 WMAJ PA 6/21 S/off 0207 w/ SSB, sez back at 0555 (Starr)
- 1460 WMBM PA 6/26 PoP w/ TT 0040-0100, good sig. for 500watt (Semko) And you iz in the null, power be east & west---HWB
- 1520 WTRG SC 6/28 Noted on ET 0254 (MPO) 6/28 KB off leaving this on ET-TT 0248-0300, ID 0300 just audible (Semko)
- 1550 WNTN MA 6/26 ET w/ Jethro Tull mx & OC 0145-0210 s/off (Semko) 6/26 ET w/ mx, IDs & OC 0116+ (MPO) (Semko)
- 1580 WPGC MD 6/26 ET w/ TT & RR 0130 (MPO) 6/26 ET 0145-0200 w/ RR, LOUD
- 1590 WHPY NC 6/21 Atop WAKR 0150-0200 s/off, ET-MX & ID after @ record(Starr)
- 1600 UNID ?? 6/21 S/off 0203 using all 3 verses of SSB vocal, noted in progress as WWRL went off (Starr)
- WAYC PA 6/26 ET w/ TT 0110 (MPO) 6/26 Loud ET-TT 0109-0146 (Semko)

From Daniel Spitzer, some BB net stuff::

- LA Dodgers:: Feed station KABC 790
- KGEE 1230 KVEC 920 KVOR 1450 KTUC 1400 KROP 1300 KUHL 1440
- KGMB 590 KVEN 1450 KREO 1400 KTNS 1250 KORK 920 KHSJ 1320
- KAVL 610 KNGS 620 KIBS 1230 KPSI 1490 KTAR 620 KBON 1240

### CALIF. ANGELS:: Feed KMPC 710

- KPMC 1560 KWTC 1230 KXO 1230 KCHV 970 KLAV 1230
- KDOL 1340 KSFE 1340 KFBR 1340 KPRL 1230 KTIP 1450
- KPRO 1440 KPYV 1280 KSMA 1240 KOPO 1450 KBBQ 1590
- KONG 1400 KVOY 1400

Gotta long list from the TWINS BB net, so onward to the next page....

TWINS BB: Feed.. WCCO 830  
 KVBR 1340 KROX 620 KDLM 1340 KOZY 1490 WMFG 1240 KEYL 1400  
 WELY 1450 KRAD 1590 KDAL 610 KBRF 1250 KEHG 1480 KPRM 1240  
 KRWB 1410 KTRF 1230 KWAD 920  
 in N.D.  
 KDLR 1240 KSJB 600 KGPC 1340 KNAV 1520 KLPM 1390  
 KGCA 1450 KBMW 1450  
 in Montana KGCX 1480  
 in S.D. KSOO 1140 & WNAX 570  
 in IOWA KLGa 1600...WHO 1040... & KILR 1070

TEXAS RANGERS:...feed WBAP 820  
 KWKC 1340 KGNC 710 KEAN 1240 KFRO 1370 KFYO 790 KPDN 1340  
 KEYE 1400 KHLB 1340 KPET 690

And now the Atlanta Braves BB net... feed is WSB 750  
 580 WGAC 1240 WLAG 1420 WRBL NOTE: Some of these are DAYTIMERS,  
 860 WDMG WWNS 1450 WGPC while (like WDAX 1410) only carry  
 940 WMAZ 1290 WTOC WKEU Holiday and/or Sunday games.  
 1130 WMAG 1400 WSGC 1470 WCLA  
 1230 WBLJ WCOH 1490 WMOG  
 WBBB 1410 WLAQ 1530 WTHO

in Ala...  
 1070 WAPI 1170 WCOV 1230 WAUD 1320 WAGF 1390 WHMA 1410 WUNI 1590  
 WVNA

in Florida...  
 930 WJAX 1230 WSBB 1270 WTNT 1340 WTAN

in N.C.  
 1390 WSOC 1470 WBIG

in S.C.  
 1150 WDX 1280 WANS 1490 WMRB

in Tenn...  
 650 WSM 1290 WATO 1340 WBAC 1370 WDEF

NOW THE LATEST LIST OF AM STATIONS ON THE "NIS" NET...as of 6/18/76!!!!

KARN 1430 CA	KASH 1600 OR	KBMH 1400 NV	KEND 1590 TX	KGUY 1270 CA
KHVV 1040 HI	KJOW 1480 LA	KLNG 1490 NE	KOH 630 NV	KQV 1410 PA
KRDO 1240 CO	KROW 1460 OR	KRUX 1360 AZ	KTSM 1380 TX	KRXV 1540 TX
KSPO 1230 WA	KUDL 1380 KS	KURV 710 TX	KVOC 1230 WY	KZBB 1410 KS
WABY 1400 NY	WANR 1520 OH	WBAL 1090 MD	WBIR 1240 TN	WBRE 1340 PA
WBUD 1260 NJ	WCAR 1130 MI	WCSH 970 ME	WILM 1450 DE	WERE 1300 OH
WEAN 790 RI	WLBZ 620 ME	WKLX 1350 VA	WINZ 940 FL	WNBE 1440 FL
WPOM 1600 FL	WPOP 1410 CT	WRBC 1300 MS	WRC 980 DC	WRIT 1340 WI
WRNL 910 VA		WRR 1310 TX		WWTC 1280 MN

Now from Brian Vernon some info...  
 610 CKRW Yukon is 24hrs NSP, after 0100 PST is automated MOR, otherwise is RR & calls itself "RW"...  
 800 CJJC BC is MOR, "MUSIC AS IT SHOULD BE", was C&W, now carries the NASL Vancouver Whitecaps...  
 800 KINY AK (a spur of this at approx. 690Khz..) has involved s/off that includes the "ALASKA FLAG" song  
 This is a full list of the CFL FB feed stations...

+580 CFRA Ottawa Roughriders in EE  
 620 CKCK Saskatchewan Roughriders  
 680 CJOB Winnipeg Blue Bombers  
 \*800 CJAD Montreal AL's in EE (no net)  
 \*850 CKVL " " in FF (no net)  
 #860 CJJC Toronto Argos in FF (no net)  
 900 CHML Hamilton Toger-Cats  
 930 CJCA Edmonton Eskimos  
 980 CKNW B.C. Lions  
 #1010 CFRB Toronto Argos in EE  
 1060 CFCN Calgary Stampeders  
 +1150 CJRC Ottawa Roughriders in FF (no net)

Finally we're getting to the end of this mess...  
 More CFL net stuffs...

OTTAWA ROUGHRIDERS in EE  
 580 CFRA ON 1350 CHOV ON 1400 CKOB ON  
 (Also 2 FMers..CKLC 98.3 and CJET 101.1)  
 TORONTO ARGOS in FF (all games except 9/18 & 10/10)  
 ...all on CJBC 680 & complete LPRT...  
 540 CBLU 1110 CBLK  
 CBEX CJBC-10  
 900 CBOJ 1340 CJBC-9  
 990 CBEM 1360 CBOG  
 CBEI 1400 CBEE  
 1010 CBEJ 1440 CBOH  
 1090 CJBC-12 CBEG  
 CBLK

That's it group, now the REPORTERS:::  
 JWB Joe Brauner Punxsutawney,PA SX99/LW A2515/Loop  
 CD Carl Durnavich Stone Park,Ill.  
 BH Bob Hlivak Brunswick,OH  
 AK Andy Kwiatkowski Chicago,Ill.  
 PRM Paul Mount Teaneck,NJ  
 MPO Mike O'shea HA600/LW  
 SEMKO George Semko Buffalo,NY DX150/LW  
 BV Brian Vernon Vancouver,BC  
 BW Bruce Winkelman Greensboro,NC HQ180/Loop  
 Starr Jerry Starr Hubbard,Ohio HQ180/100P  
 EIF Everyone I Forgot All-Over,USA

Next deadline here will be about 8/5, then 9/9 & 9/23...

Later,  
*Wes Boyd*  
 Wes Boyd

N.Y. state radio service to start with 10 clients

The New York Network, an interconnected statewide radio news service that has been in development for two years, began on-air operation June 10 with 11 stations signed and five more expected to join in coming weeks. The initial broadcasts were carried only by WABY(AM) Albany. The other stations are expected to be hooked up by July 1.

The network is a division of New York Report, an Albany-based tape service that has been covering the state legislature since 1970. Within the 18 five-minute news summaries each day, one 60- and one 30-second commercial spot are allowed. Eight are to be network-sold and 10 are to be local availabilities. Stations are also offered 10 15-minute drive-time news roundups weekly, 42 sports broadcasts, 40 business reports (including hourly reports from the New York and American Stock Exchanges), and 27 news features.

The network shares distribution facilities, microwave and leased lines, with the New York Farm Network. There is no conflict in affiliation with national networks or audio news services, according to Robert Sandler, vice president-news operations for the New York Network. Other officials of the network are John Nelson, vice president-general manager, and George Flowers, vice president-sales.

Stations signed are WLFH(AM) Little Falls; WDOE(AM) Dunkirk; WAUS(AM) Auburn; WKCL(AM) Catskill; WKOL(AM) Amsterdam; WCGH(AM) Canadagua; WVIN-AM-FM Bath; WYBG(AM) Massena and WLEA(AM) Hornell and WABY.

Senate-like DST bill moving through House

Subcommittee reports out measure for seven-month daylight saving; FCC would be given power to grant presunrise authority to daytimers

A bill to increase daylight saving time from the present six months a year to seven was approved last Tuesday by the House Subcommittee on Transportation and Commerce. It differs only slightly from a bill that passed the full Senate in February. Sponsored by the House subcommittee chairman, Fred Rooney (D-Pa.), the bill would make daylight time begin the third Sunday in March and end the third Sunday in October. Currently, DST begins the last Sunday in April and ends the last Sunday in October.

As in the Senate bill, the FCC would be given authority to grant presunrise operating authority to some daytime radio stations that might lose valuable early morning time at the fringes of the lengthened DST. The commission would also have the authority to forge agreements with the governments of Canada, Mexico and the Bahama Islands for relief of American daytimers occupying clear channels licensed to those countries.

At the urging of the Daytime Broadcasters Association, which opposed lengthened DST in hearings last month (BROADCASTING, June 14), the House subcommittee made its bill more specific on that point than the Senate's, authorizing the FCC to make rules permitting daytimers to operate "at the greatest of power and during such extended hours of operation as may be practicable and consistent with the public interest, including the public's interest in receiving interference-free service..."

The subcommittee bill, H.R. 13090, now goes to the full House Commerce Committee.

# How Stations Get Call Signs

By JERRY T. AULCIH  
WASHINGTON (AP) — Most owners of radio and television stations choose their call signs with as much care as parents selecting a name for their first child.

A call sign is the station's identifying link with its listeners and viewers, part of its personality.

It's also an official license plate to separate each station from the millions of other radio communications services transmitting around the world.

The letters may have a meaning, such as WCCD in Chester, S.C., which stands for "wonderful guernsey center of Dixie," or WACO in Waco, Tex., or KABL in Oakland, Calif., named for San Francisco's famed cable cars.

There may be a sentimental attachment such as the station owner's wife's initials. That, however, carries some risk — as was discovered by the radio station owner whose wife left him. He listens day and night to her initials that are broadcast over his station rather than expose his dilemma by changing the letters and paying a \$200 fee.

An owner may pick any available combination of four letters he wants, but with some rigid limitations:

—The combination must be unique. That isn't easy with 8,000 radio and nearly 1,000 TV station call signs assigned to broadcasters already on the air.

—The letters must be in good taste and not suggest an obscenity. The combination must not be that of a federal agency. And a president's or ex-president's initials cannot be used without permission of the individual or his family.

—The letter combination must not sound too much like a call sign already in use in the community. That's why stations within a radius of 35 miles of the applicant are notified when a call sign has been applied for. They are given 30 days to protest. This creates some hot disputes which the FCC Broadcast Bureau must resolve.

—The first letter must be a "W" if the station is located east of the Mississippi River and a "K" if the station is located west of the river, in a U.S. territory or possession.

—Combinations held by coastal vessels can't be used.

If a station owner wants to find out if a call sign is available he checks with the FCC's Genevieve Herder, who sits beside a cabinet of file cards containing each assigned call sign and application for a call sign.

Five possible choices may be submitted in order of preference.

If a new broadcasting station makes no specific request, it is assigned one by the FCC.

The advent of FM and television in 1941 did not result in a profusion of new call signs.

Many FM and television stations were operated by AM station owners in the same or adjacent community. They are allowed to use the same call sign for all stations.

But some owners prefer to give each of their stations in the community individual call signs to separate their identity.

Permission has been given for use of some presidential initials. When Harry S. Truman was president he gave his approval for a broadcaster who wanted to use Truman's initials. Before the station went on the air, Truman fired Gen. Douglas MacArthur as the military commander in Korea. The broadcaster changed his mind and let the FCC assign him other letters.

The system is part of a 1927 international agreement under which the alphabet was apportioned among the nations for basic call sign use.

The United States, for example, is assigned three letters — N, K and W — to serve as initial call letters for the exclusive use of its broadcast stations. It also shares the initial A with some other countries.

The letter A is assigned to the Army and Air Force. N to the Navy, K and W to domestic stations, both government and nongovernment.

But most U.S. broadcasting users, aside from radio and TV, use the K or W prefix with a combination of numbers. They are not offered preferences but are assigned in sequence. This is the situation with amateur "ham" operators and citizens band radio operators.

In the early days of radio, before establishment of the Mississippi dividing line for K and W, three letters were used by many stations, which they still carry.

The call signs embody many things, such as names places or slogans.

For example, the letters WNBC in New York City and KNBC in Los Angeles are used by stations owned by the National Broadcasting Co.

Other examples include WGN, Chicago, stands for "world's greatest newspaper." The station is owned by The Chicago Tribune. WNYC, New York, is a New York City municipal station. KAGH, Crossett, Ark., stands for "Keep Arkansas green home." WTOD, Miami, is "wonderful isle of dreams." WFDR, Grand Coulee, Wash., "Franklin D. Roosevelt"; WCFL, Chicago, "Chicago Federation of Labor"; WMTK, Vanceleve, Ky. "win men to Christ"; WGMS, "Washington's Good Music Station"; KOCA, oil center of America, Kilgore, Tex.

International rules do not require the use of call signs by broadcast stations if some suit-

able means of identifying is employed. For example, many foreign stations identify themselves by announcing "the voice of (the city)."

Canada uses the same system as the United States, except the first letter of each station is "C."

Nobody at the FCC knew of any radio or television station owner who has gone as far as some amateurs, who have their call sign engraved on their tombstone.

## CLIPPING CORNER

We got several copies of this clip, so thanks to all who sent, and sorry for not getting your names in here....

Below clip from Brian Vernon, from Bolton (England) Evening News, 6-15-76.

## OLYMPICS WITH MUSIC

BBC Radio will stay on the air until the early hours bringing listeners "live" commentary on the Olympics, which start on July 17.

The nightly news, highlights and interviews from Montreal — between 10 p.m. and 2.30 a.m. on Radio Two — will be intermingled with music.

Terry Wogan will be the anchor man in London — playing records during the track and field breaks — while former Olympic gold medal star Mary Peters and Anita Lonsborough will be airing their views on the athletics and swimming events from Montreal.

For example, the letters WNBC in New York City and KNBC in Los Angeles are used by stations owned by the National Broadcasting Co.

Other examples include WGN, Chicago, stands for "world's greatest newspaper." The station is owned by The Chicago Tribune. WNYC, New York, is a New York City municipal station. KAGH, Crossett, Ark., stands for "Keep Arkansas green home." WTOD, Miami, is "wonderful isle of dreams." WFDR, Grand Coulee, Wash., "Franklin D. Roosevelt"; WCFL, Chicago, "Chicago Federation of Labor"; WMTK, Vanceleve, Ky. "win men to Christ"; WGMS, "Washington's Good Music Station"; KOCA, oil center of America, Kilgore, Tex.

International rules do not require the use of call signs by broadcast stations if some suit-

# CPC Report- 100 PLUS

Another CPC Test season has passed into DX history and in looking back it was one of the most successful ones in many a year, not only in the number of tests arranged, but also in the quality, witness the fact that many members have written to thank the CPC for its efforts which have resulted in many new catches and, for some, several new hard-to-hear states. Below is the final, tho still unofficial, CPC Boxscore for the 1975-76 season:

NRC: 92      IRCA: 35      NNRC: 9      OTHERS: 0

As always, there was some duplication due to co-dedicated tests but there was a grand total of 114 stations on for Tests according to our records. These totals are still "unofficial" since we have never received word as to whether a few of these were actually on. The true totals may end up slightly lower but there were still over 100 stations that were heard for certain, according to membership reports in DX News and DX Monitor.

All the praise for such a successful season for the NRC belongs to the following members who have arranged CPC Tests: SKIP LABELSTEIN, NEIL ZANK, RON MUSCO, JAMES HOPKINS, MIKE O'SHEA, JOHN SOMMER, CECIL WEINSTEIN, ERNIE COOPER, ALAN IMPRESCIA, WAYNE MURPHY, DAVE SCHMIDT, KARL FORTH, PAUL MOUNT, ERNIE WESOLOWSKI, FRANK DAILEY, WES BOYD, WAYNE HEINEN, DAVID FOX, LEW WHITE, CRAIG HEALY, BOB FOXWORTH. Yours truly even got off his duff and arranged a few this year.

For various reasons, there were the predictable few no-shows, nearly always through no fault of the arranger but the percentage this year was the smallest in recent memory. The only blot on an otherwise successful season were the few stations that conducted tests but never issued the promised verifications. According to our records, these include KPIA (NRC), WEMJ (NNRC) and WBRW (NNRC). If members know of any others, please let us know. Perhaps the arrangers of these tests will rattle these station's chains a bit and see if veries can still be sent.

This ends my sixth year as CPC Chairman and I can say that this season has been the most satisfying yet. The work I have done consists of about one-tenth-of-a-percent of the total effort expended, all the thanks the members have extended belongs to the hard-working faithful CPCers whose names appear above. THANKS FOR A GREAT SEASON!

And now the commercial, folks: CPC is a continuing endeavour, if any of you would like to join in to make next season even better, write to me for our CPC mailer which outlines the proven methods of arranging DX Tests. Even though the summer is the "down time" for Tests, many of the most successful CPCers use these months to type out their requests ahead of time, then send them out in the fall. In the past some members have been able to write as many as 200 letters during the slack periods and have come up with a large number of tests for the following season.

Have a good summer. See you all in Louisville.

73 and Good DX,

*Jerry Starr*  
Jerry Starr  
c/o WHOT Radio  
401 N. Blaine  
Youngstown, Ohio 44505

"THE N.I.S. LOGO"

Several Comments about the recognizability of the NIS logos over the rest of the noise have been made in the DXN of late, and this schedule may be an aid in picking out a station's call, without having to pay attention to all the rest of the feed.

The NIS Schedule:

- 06:30-09:00 NIS Headlines and News Summary (Optional)
09:00-11:00 Local Commercial Time (Network also covers)
11:00-11:10 Local Gate (Network Fills--station may use for ID, slogan, jingle, weather, time, etc.)
11:10-14:30 NIS Features/News (Optional)
14:30-15:00 Local Gate (Network Covers, stations may use for local weather, time, traffic, jingle, commercial, etc.)
15:00-20:20 NIS Headlines/News Summary, including 60 sec Network commercial. (Station must carry)
20:20-21:00 Local Gate (Network Fills)
21:00-23:00 Local Commercial Time
23:00-25:50 NIS Features/News (Station must carry)
25:50-26:00 Local Gate
26:00-27:00 Network Commercial (Station must carry)
27:00-29:55 NIS Features/News (Station Must Carry)
29:55-36:30 Station Time
36:30-39:00 NIS Headlines/News Summary (Optional)
39:00-41:00 Local Commercial Time (Network also covers)
41:00-41:10 Local Gate (Network Fills)
41:10-44:30 NIS Features/News (Optional)
4:30-45:00 Local Gate
45:00-50:20 NIS Headlines/ News Summary, inc. 60sec Net Comm'l)
50:20-51:00 Local Gate
51:00-53:00 Local Commercial Time
53:00-55:50 NIS Features/News
55:50-56:00 Local Gate
56:00-57:00 Network Commercial
57:00-58:55 NIS Features/ Headlines

As is evident, stations must carry the segments starting at 15:00 and 45:00, including Network Commercials. The rest is optional, but NBC strongly encourages (read forces) stations to carry these segments. Local Gates may also be left to the network to fill. Stations trying to do all news "on the cheap" will not fill this time, but aside from the time on the hour and on the half hour when there is no NIS cover feed, it is where local id's are most likely to occur.

NIS service runs 24 Hours each day except Sunday, when other NBC programs are fed 0900-1200 and 2100-2200 ELT.

J. R. Guthrie
20 Trent Lane
Smithtown, N.Y. 11787

JUST THINK WHAT A S.P. COULD HAVE PRODUCED

OR

LET'S PLAY MUSICAL FREQUENCIES

By Brian Vernon

I'm sure that many seasoned BCB dx'ers got their original dx-bug from tuning into the North American class 1-A clear channel frequencies. In the midwest, for example, on a good evening, within four frequencies -- 640, Los Angeles; 650, Nashville; 660, New York; 670, Chicago -- North, South, East and Western America could probably be heard.

With the recent conference on the worlds medium and long-wave frequency allocations nearing completion, I guess from a dx'ers standpoint we can look back and think of what might have been. Of course a little imagination will be called for on the readers part, I already have done mine as you shall see.

As mentioned earlier, some of our frequencies are "reserved" for North American clear channel stations. What for instance would it be like if this was done on a World basis!

Imagine after let's say WLS-890 signed-off, one could turn the loop towards Australia and maybe "yes that's 5AN", then towards Europe and yes there's U.S.S.R. w/Algeria w/trace of Norway. Don't laugh, it's possible! Now, if only WLS would have a S.P.

Fortunately clear channel stations do (if not frequently) have S.P.s, so let's have more. Why not!

The following is, I believe, a 'realistic' approach to what could have been a limited frequency re-allocation on the North American continent, with the least amount of difficulty. It would have called for the re-allocation of 41 clear-channel frequencies and 3 regionals.

Table with 3 columns: FORMER 'F' - EURO 'F', FORMER 'F' - EURO 'F', FORMER 'F' - EURO 'F'. Lists frequency pairs such as 620 - 620, 800 - 800, 1050 - 1052, etc.

The three regionals affected, 630/790 and 1150 kHz, could be dealt with in a number of ways, one being gradually moving the 630 kHz stations to 638kHz and moving 640 to 629, thus making it a clear channel and 638 a regional.

790kHz stations could be moved gradually to 800 making it a regional frequency and 800 kHz eventually to 791 making it a clear, also the 1150 kHz stations to 1160, and so on.

Although 850/860 kHz are classed as clears, there are in-effect many regionals on these channels, so they could be dealt with similarly.

An additional 6 channels would be added by these means, but more importantly, international agreements could, and I am sure would, be signed with European Asian and D.U. stations operating high powered transmitters on these frequencies, since these would be common world-wide!

So with WMAQ off MM, just what might be gained on 674 kHz, ah yes that must be Isreal, no, maybe Libya, ah well, France again. Turning the loop may even produce later a high powered Zedder or Assie.

Such perhaps were the possibilities, but we still have our hets to dream about what might have been. Of course such a plan would have created problems from the South American stations, with hets from them, but we get them from that direction anyway. Plus with what looks like a reorganization of the stations in Brazil, who knows, we may have been able to persuade them to move too!

So as this dream ends, let's all tune-in a clear channel station and contemplate, would they have ever had a S.P. anyway? Perhaps not.

73's

# LOUISVILLE

## STRATEGIC CITY of the SEVENTIES



foreign dx achievements		VERIE SIGNERS		KANSAS CITY	
529	Algeria-q	u/u	G 1340	W TmR N R	Lynn, CE B
548	Algeria-q	u/u	G	W C M I G	Miller, Mxd H
620	J B C	Mrs. J. Woodstock, PD	G	W K G N E	R Martin, CE H
	W T M T	C N Cutler, CE	E	K C A T J B	Scanlon E
	W HqJ B	R G Haberkost, CE	E 1350	W L N H J M	Rising, PD B
680	K N B R	J Cameron, CE	E	W SqL R	u/u, CE H
740	W C A S	D L Murphy, P	B 1360	W SqA I	u/u, CE H
	Montserrat	K H Ramota, CE	G	W H B G H E	Richardson, CE H
710	C B F C	M Morris (CBF)	E 1370	W B T N P	P Willey, CE B
770	K UqO M	R A Iverson	A 1380	W S Y B J E	Hanley, CE D
790	WfE AmQ	H Kaul, CE	B 1390	W E n A M M	Burrow, CE H
910	C KfL Y	R Eakins, PD	B 1400	W U L F L M	D Ring, GM E
920	W GmH Q	R Hyatt, Cop	E	C B M G M	Morris, CE(CBO)E
960	W BqO C	u/u	B	C B M J M	Morris, CE(CBO)E
980	W ApZ S	W L Phillips, P, GM	B	W KhN R T	Hartson, CE E
	W Rn C	N R Cook, CE	H	W I L I C K	Rice E
990	WqN OmX	J R Maplin, CE	H	W B O Y J A	Wright, CE H
	W I B G A	A Sichel, CE	H 1410	WqI NmG J	Yancey, CE H
	C B F B M	Morris (CBF)	E 1430	W NmJ R S H	Colony, APD B
	C B D Y P	Landy, Area M	E 1440	W K L V J E	Fox, CE H
	X Ent	Ing. Jesus Orozoo A	G 1450	C B G P	u/u, CE, CBV E
1000	W V W I	Rick Ricardo, SM	G	WqOhL W	Salmon, ACE H
	W IFO O	C A Cleland, E	B	C H U C D W	Blair, PD B
	W V O V T	Wise	E	W I L M E B	Boylan, CE C
1050	W S C V J	H Franklin, PD	C	W F T W J	Dowd E
	C FmG P	E W Reid	H 1460	W VFO X S	Sinuk, CE D
1060	W C O K E	Greenway, M	H 1480	W J I T C	Freedberg, CE H
	K Yq W	u/u	H 1490	W K V T	Brenda B Fitch, OpnsE
1070	W K O K J	W Keller Jr., VPoE C	G	W C S V	u/u E
	K E R R P	Doolittle, CE	E	W Y T L J B	Wittenmeier E
	W S C P J	Haun, PD	E	W P O R R	Willett, OpM C
1090	W BqA L	N A Hendrick, CE	H	W N U S P A	Mobilis Jr, NxD B
1110	K FqA B	J A Bruna, CE	C 1500	W G I C W	Hughes, CE BI
	C B L I G E	Thier (CBO)	E 1510	W K A O J M	Johnson, Eco-ordi
	W B I B M	Woodliff	E	W L A C E	Lawson, CE H
1140	WqR VnA	Ann Williams, D, PR	H	W A H T P	Neuber Jr. C
	W CpJ W	J B Weeks, GM	BE 1520	W T G R	u/u, S B
1170	W W V A	u/u	H	W KqB W L	Fiedler, CE H
1180	W HqA M	A Davis, CE	H 1540	W R G M J	Hansen, CE B
1220	W GqA R	u/u	H	W R C P	u/u, CE E
	W F A X M A	Miller, CE	H 1550	C BqE M	Piché H
1230	W E S X N R	Durkes, SM	C 1560	W QpX R	u/u, P H
	C B M K M	Morris (CBF)	E	W GfL B R	Bluedorn, CE F
	C B M N M	Morris (CBF)	E 1590	W V N A	Mary Ann Frank, PD AE
1240	W RmT A T	MacAlarney, CE	B	W H P Y W	Denning, CE C
	C F V R A	Schmidt	E	W G R Y	u/u E
	C J N H D K	Manderwaty	E 1600	W N r E U G	Robbins, CE B
	W WcO N R	Deslauriers, CE	C	WfI NmX W P	Vickers, CE H
	W T O N C	Somers, PD	H	K Cfr G R	Sellers, PD B
1250	WfM TmR	u/u, CE	H	W A R U J	Swearingen, CE B
1260	W B N R W	Rossini, CE	C	C R E D I T S	
1270	W V K Y M	Sidebotten, GM	H	A - N. Zank	E - non-member
1260	W IqX Y	u/u	D	B - R. Musco	F - H. Hayes
1280	X E E G	Sevara Garza, CE	E	C - S. Waterman	G - R. Schiller
1290	W S C M W R	Batten	E	D - R. Arruda	H - J. Trochimczyk
1300	W K C Y O M	Voigt, CE	H	I - E. Cooper	
1310	W VmI P W	Draper, CE	B	CORRECTING THE ABBREVIATIONS:	
	W I S E M	St. John, PD	H	p - Verie is a card prepared by the DXer himself & sent to the station for signature.	
1320	CqH QuM D	Geddes, PD	H	q - is a "QSL" card, a printed one sent out by the station.	
	W H H O J	Parker	C	E These were listed incorrectly in the 5/24/76 DX NEWS - sorry. We have more on hand - coming soon.	
	W I C O J	Jester	E		
1330	W Y G O R J	Hamilton	E		
	W M E N R L	Cardice, StE	E		
	W B T M T D	Luther, VP, GM	B		
	K G A K M	Ransay, Cop	A		

VERIE SIGNERS

A - J. Trochimozyk	C - non-member	1330	WEAW	u/u	B		
B - G. Durnavich	D - R. Schiller	1340	KCKN	J Jett, CE	C		
	E - E. Cooper		WJRI	OO Harmon, CE	C		
550	C KuP G G	Leighton, GM	A	1350	WKCU	J D Anderson, O, CE	C
580	C K A P	B N Squirrel, M	C	1360	KDXI	B Strange	C
600	W CnA O	(R Riley, PD	A		W GmE E	D E Wright, GM	B
	(W Marshmen, CE	A	1380	W MmE E	S Hnat, CE(sic)	B	
620	WqE TmE	D G Tonkin, CE	A	1390	WYXI	J Frew	C
630	W L A P	L Owens, TD	B	1400	KCOG	M O'Connor	C
640	W OqI	D Larsen, ACE	B		KLIN	J Leacock	C
660	W NqB C	L Bruno, E	A		KPAG	M L McKillip	C
700	W LqW	u/u	A		W EPR	D D Fleming, CE	D
710	W OqR	M Petersen, CE	A	1410	WRMN	R Jakle, P	B
740	C BqL	Karen Gregory	A		W UfN	J E Burns, CE	B
	W N O P	Ma. Cook, CE	B	1420	W V J S	E Jagoe, CE	B
750	W SmB	G Fisher, PD	A		W SUH	M C Bronfman	C
780	WqB BmM	D A Milberg, D, InfoA	A		K L U F	J O Finger	C
800	C KqL W	E R Butterbaugh, CE	A		K P E L	C F Ellis	C
810	W P E D	W E McClenahan, GM	A		K P O C	J Wilson, COP	C
830	W CqC O	u/u	A		K X O W	D R McLellan	C
860	W AqY E	C Robenette, CE	A		W M Y N	J Walton	C
870	W WqL	Darrilyn A Walker	A		K JhC K	W Turner, CE	C
880	W CqB S	C Adams	A	1430	W V V X	M Bischoff, Mncr	B
890	W LqS	D Anell, CE	A		W C M Y	J LeSeure	B
900	C HqM L	u/u	A	1440	W BmG R	Rita Bishop, S	B
	W K D W	R M Preston, CE	A		W Nmf L	P Henry, CE	B
910	W T O Y	B T Givauden	A	1450	K V O W	J Greer, CE	C
	W SqB A	J R Shadle, E	A		K L M X	L L Eby, CE	C
930	W Pm A T	J E Martin, CE	A		K S I W	J F White, CE	C
	W GqN T	C Kessell, CE	A		K V C K	O G Coburn, COP	C
940	W CnD D	M Hardeh, M	B		K B P S	W Bates	C
950	W P EN M	M Olkowsk, CE	A		W X V W	D Burns, CE	B
960	W E R C	F Roberts, CE	B		W A O V	T Herrin, CE	B
970	W AmN V	C E Near, CE	A	1460	W I X N	H Campbell, GM	B
	W MqA Y	J Dunn, CE	E	1470	W B T X	J P Mueller, OpM	C
1010	W C S I	C Plaster, CE	B	1480	W C I N	E B Chick, E	B
1070	K I L R	B Huntsinger, CE	C		W L P H	W Guthrie, CE	C
1080	W W D R	J F Ramsey, GM, CE	C	1490	K I B L	R McGrath	C
1110	K FqA B	J Bruna, CE	B		K N O W	W Hardin, CE	C
	C E D	A T Thurber	C		K Q T Y	J Griggs, M, CE	C
	W F C G	J C Galewood	C	1500	W G U L	T Lowry	C
	HqJ EnW	(Eduardo RuedaS, G E	E		W Kha X	R C Bowman, CE	C
		(Juan C. IzquierdoSubge	E	1510	W JfR C	E Murphy	B
	W U A T	W L Hall, CE	C	1520	W K J R	W J Moelker	C
1220	W Sfl M	D Dixon, CE	B		W S V L	M E Young, CE	C
1230	W A U D	E G Salter	C	1530	W Krd C	L G Blotter, VP	B
	W H S Y	D Windhan, CE	C	1520	W Y F C	J J Rinn	C
		(D B Bartlett, PD	C	1550	W C V L	D Y Hawk	C
1240	K R A L	D Doby	C	1560	K Q Y X	W B Neal, GM	B
	W B E J	L R Williams, CE	C		W R I N	W Shertz	B
	K P P R	M R Thomas	C	1570	W H E L	E Sears, GM	B
	K S U E	H C Houston	C	1580	W G T W	Mr. Ruhr (?)	C
1250	K A L O	R A Ghent	C		X EqD M	C Rodriguez	B
	W NrV L	A Grunewald, GM	B		W Fnv R	D Carver, CE	B
	W Rhen L	L Yazell, GM	B		K Lq U	C Chineno, CE	B
	W Q D E	J S Green	C		K W N T	C Lingen, GM	B
1260	K P S O	R A Ernby	C	1590	W W U N	W B Cardwell, CE	C
	W NfD E	C Collingwood, CE	B		W N T S	J Smulyan, GM	B
	W N S L	E D Breland, CE	C		K VqG B	G B Scheuerman, E	B
1290	W T Y L	R E Powe, M, E	C	1490	K R T R	K V Kertson	C
1300	W BrL G	R Edwards, CE	B				
	W Q B K	R Raffade, CE	C				
1310	K E Z M	J Nettle	C				
1320	W BmR T	D L Green, CE	B				

Be a complete DXer and VERIFY your catches. Send in your recent v/s to ERC. Please double space them, too!

foreign dx achievements

editor: Norm Maguire

2877 Kalaikaua Ave. Apt. 703  
Honolulu, HI. 96815

DXer	Location	T.V.	CTYS	FOR.	Africa	Best
G. Allen	California	2862	60	531	2	Sierra Leone 1205 10kw
N. Maguire	Hawaii	2858	56	409	1	Algiers 1176 50kw
R. Schiller	Florida	1851	84	339	6	Sierra Leone 1200
E. Wesolowski	Nebraska	1786	24	156	1	R. Dakar 764
F. Wheeler	Pennsylvania	1685	23	188	--	
R. Sperry	Connecticut	1669	42	249	1	R. Senegal
C. Freeman	California	1553	63	363	1	R. Dakar 764
R. Anderson**	Virginia	1444	102	510	28	WIND Nouvassar 500w
A. Rugg	Quebec	1441	60	1247	5	?
D. Reynolds	California	1354	79	472	2	R. Dakar 764 20kw
A. Imprescia	New York	1286	67	93	15	Togo 1394
B. Reynolds	Missouri	1092	28	121	--	
H. Gustafson	Illinois	842	100	296	17	CRGRZ Angola 872
M. Sorensen**	Manitoba	537	13	385	--	
B. Dangerfield	Pennsylvania	417	115	340	30	Pietermaritzburg 845
H. Wilkinson	California	388	69	364	2	Sierra Leone 1205 10kw
H. Robie	Massachusetts	262	89	147	12	R. Sahara, Sp. Sahara 2kw
W. Powis	New Zealand	242	20	181	--	
B. Karchevski	California	204	8	29	--	
D. Bartek	New York	23	1	--	--	
C. Barnes	Texas	10	1	0	--	

DXing starting to pick up here in Hawaii. Hope you all have a fine Summer and please take a little time off and let me know how your DX totals have increased over the Winter months. Next issue will feature Europeans. 73, good DX and good health.

DXer	Location	Countries	T.V.	FOR.	Europe	Best
B. Dangerfield	Pennsylvania	115	VAC	417	340	HV-2 Vatican 782 2kw
R. Anderson**	Virginia	102	VAC	1444	510	128 Kalundburg II Denmark
H. Gustafson	Illinois	100	VAC	842	296	109 Frederikstad 1578 10kw
H. Robie	Massachusetts	89		262	147	56 CSB-81 Azores
R. Schiller	Florida	84		1851	339	71 N. Ireland 1340
D. Reynolds	California	79	VAC	1354	472	30 BBC-1214 60kw
H. Wilkinson	California	69	VAC	388	364	14 RTF-Bordeaux 1205
A. Imprescia	New York	67		1286	93	19 Vatican 1529
C. Freeman	California	63	VAC	1553	363	15 Linz II 1025
G. Allen	California	60	VAC	2862	531	4 AFN-Normandy 1204 1kw
A. Rugg	Quebec	60		1441	1144	50 ?
N. Maguire	Hawaii	57	VAC	2864	415	17 Nantes 1366 10kw
R. Sperry	Connecticut	42		1669	249	15 R. Tirana, Albania 1394
R. Pistek	Illinois	31		972	106	4 Andorra 818 900kw
B. Reynolds	Missouri	28		1092	121	2 Nice 1554
E. Wesolowski	Nebraska	24		1786	156	--
F. Wheeler	Pennsylvania	23		1685	188	--
W. Powis	New Zealand	20		242	181	--
M. Sorensen**	Manitoba	13		537	385	9 R. Tirana, Albania 1457
B. Karchevski	California	8		204	29	--
C. Barnes	Texas	1		10	0	--
D. Bartek	New York	?		23	?	--

Welcome to Richard Pistek. VAC= Verified All Continents. T.V.= Total Veries. Yours truly added S. Korea, much welcome as were the many "down under" veries that have come in. Next issue, Oceania totals and best veries. 73 and Aloha,

\*\*\* No, Norm didn't goof, we did. When came time to put last issue together, RJE was away & RGS couldn't find the first one. Sri.

## East and West

EDITOR: Two items in your May 3 issue are in a way related and require comment. First is a letter from J.A. Kjar, president of the Clear Channel Broadcasting Services, defending the case for high-power AM operations in the U.S., and the other is a note on your "Closed Circuit" page reporting some forthcoming changes in AM radio channeling and power in areas outside the western hemisphere.

The International Telecommunications Union has adopted a new channeling plan for low and medium frequency AM stations in the eastern hemisphere. It calls for 9 khz channeling with carrier frequencies to be multiples of 9 khz. Most European stations were already on channels 9 khz wide. It should also be noted that most European authorities severely limit the bandwidth of the audio program input to their transmitters so as to reduce the radiated bandwidth and reduce adjacent-channel interference.

All of these conditions should be followed in the western hemisphere. Adopting a 9-khz channeling plan would create 10% more AM channels. Restricting radiated bandwidth would reduce adjacent-channel interference. Use of synchronized transmitters (very common in Europe) would enable present 1-A clear-channel stations to improve service in "white areas" without over-all increases in total power.

The high-power proposals of the Clear Channel Broadcasting Service might be acceptable if *all* AM stations in North America were allowed to increase their power simultaneously and in the same ratio. Interference ratios would be maintained while all broadcasters, particularly those now on relatively low power, would get stronger signals in their prime service areas to overcome noise that has increased over the last 30 years. —I. Switzer, consulting engineer, Mississauga, Ont.

EDITOR: Regarding super power for certain AM's... I must agree with previous writers who are against [it]. Anyone who has ever listened to even an inexpensive radio or has listened for far-away AM stations, or who has traveled a lot knows that with anything short of a "junk" portable, there is nowhere in the U.S. where there is not already reception from one or more of the currently powered clears. The Chicago clears are regularly heard on both coasts, the coast clears are regularly heard in the central part of the country. The prime objective behind this push toward super power is so that these few stations can beat out their competitors in the ratings and coverage game, and attract bigger advertising money. All of the statements I have read in behalf of super power are simply self-serving propaganda.

Many experts in this country and abroad are pinning super-power stations with the blame for detrimental effects on our upper atmosphere due to what is called "RF pollution." If we would be responsible to our citizens at large, we would reject for once and for all this nonsense about superpower. —R.J. Edmunds, Boonton, N.J.

Broadcasting Jun 21 1976

18

And now, for a quick look at what was really said in the unexpurgated original of the letter above, stay tuned for the next page.....

Broadcasting  
1735 DeSales St NW  
Washington, DC

TO THE EDITOR:

Throughout the recent weeks, I have noted both in this column, and in the rest of the magazine the comments regarding superpower for certain AM's. I have also had a chance to read a PR piece called "The Case for Clear Channel Broadcasting" sponsored by the several clears which stand to benefit from increased power.

I must agree with the previous writers who are against allowing superpower. In this time of energy shortages, superpower would be an unwarranted waste of energy. Further, it would only lead to a power war in the Western Hemisphere such as Europe has seen for many years. The end result is more and more interference, both co-channel and adjacent channel. I find it ludicrous to view the maps accompanying the "Clears" brochure and to compare them with maps I've seen these stations send their advertisers. It seems that their coverage is whatever it needs to be to accomplish their current purpose. Anyone who had ever listened to even an inexpensive radio or has listened for far-away AM stations, or who has travelled a lot knows that with anything short of a "junk" portable, there is nowhere in the US where there is not already reception from one or more of the currently-powered clears. The Chicago clears are regularly heard on both coasts, the Coast clears are regularly heard in the central part of the country.

These stations would lead naive observers to believe that they would actually serve these "white areas", yet their current operations show that only a very few even pay attention to listeners outside of a 100-mile radius. The prime objective behind this push toward superpower is so that these few stations can beat out their competitors in the ratings and coverage game, and attract bigger advertising money. All of the statements I have read in behalf of superpower are simply self-serving propaganda, which has no real meaning.

Finally, in addition to the above problems, many experts in this country and abroad are pinning superpower stations with the blame for detrimental effects on our upper atmosphere due to what is called in the press "RF Pollution". If we would be responsible to our citizens at large, we would reject for once and for all this nonsense about superpower.

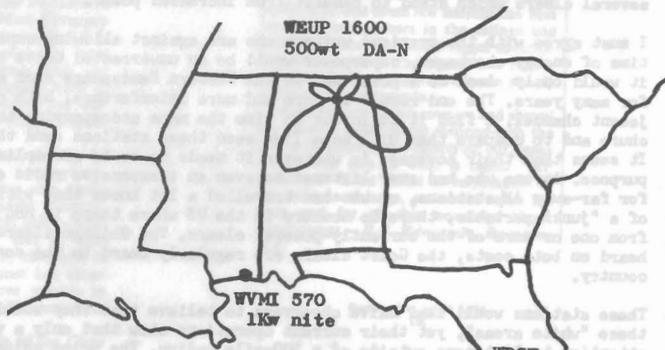
R. J. Edmunds

It seems that references to "coverage maps" or any sort of documentation of an argument against superpower aren't wanted. Foxy notes that his letter (printed in a recent issue of DXN) was also rather strangely edited. —RJE

WBQN 1160  
1Kw DA-2



WEUP 1600  
500wt DA-N



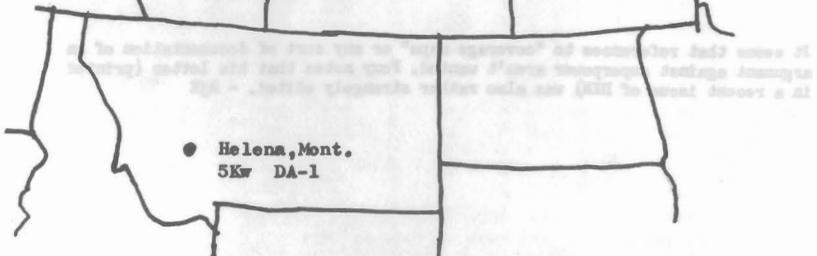
WMI 570  
1Kw nite

WDCF  
1350  
DA-N

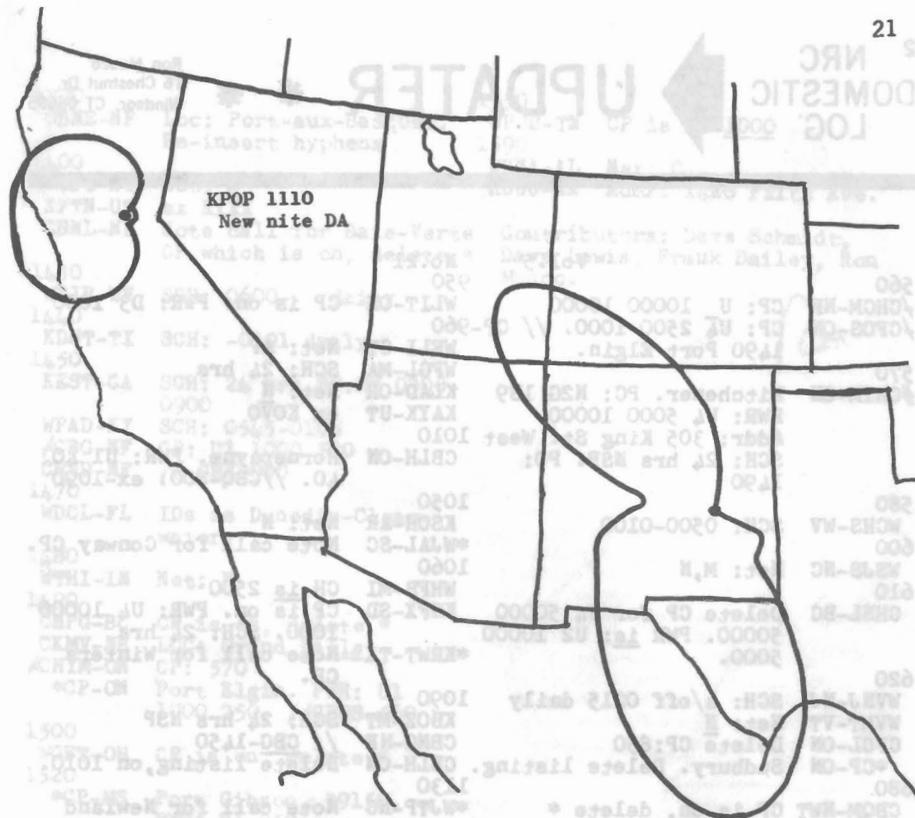
CKSW  
570  
10Kw  
DA-2

ex:  
1400

● Helena, Mont.  
5Kw DA-1



KPOP 1110  
New nite DA

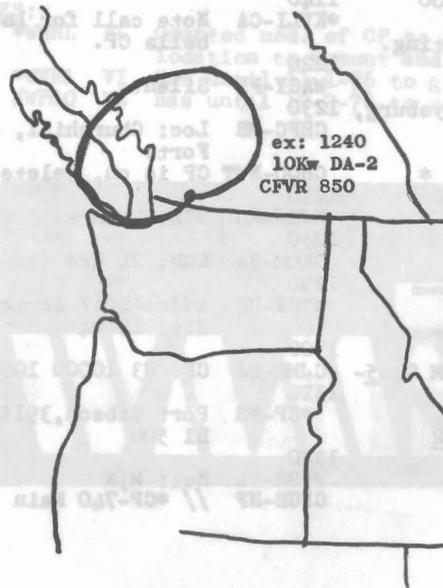


KBCQ 1020  
new 50Kw  
nite DA  
900 MW/M scale

ex: 1240  
10Kw DA-2  
CFVR 850

NOTE:  
Change location of Oregon  
station on 1290....should  
be PENDELTON

On 630..mark CJET with  
an "\*" as is 10Kw





# UPDATER

Ron Musco  
16 Chestnut Dr.  
Windsor, CT 06095

Vol.5 No.21

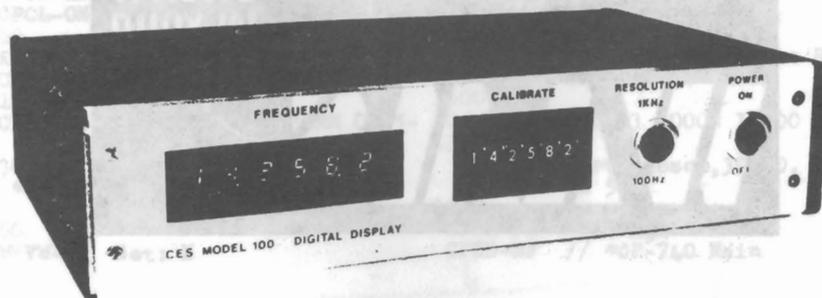
560 /CHCM-NF /CFOS-ON	CP: U 10000 10000 CP: U4 2500 1000. // CP-960 1490 Port Elgin.	950 WLIT-OH	CP is on. PWR: D3 1000
570 #CHYM-ON	Kitchener. PC: N2G 1B9 PWR: U4 5000 10000. Addr: 305 King St. West SCH: 24 hrs MSP. PO: 1490	WELL-CT WFGL-MA KLAD-OR KAYK-UT 1010 CBLH-ON	Net: AP SCH: 24 hrs Net: N ex KOVO Hornepayne. PWR: U1 40 40. //CBQ-800. ex-1090
580 WCHS-WV 600 WSJS-NC 610 CHNL-BC	SCH: 0500-0100 Net: M,N Delete CP for U4 50000 50000. PWR <u>is</u> : U2 10000 5000.	1050 KSOH-AR *WJAL-SC 1060 WHFB-MI KGFY-SD	Net: N Note call for Conway CP. CH is 2500 CP is on. PWR: U4 10000 1000. SCH: 24 hrs Note call for Winters CP.
620 WVNJ-NJ WVMT-VT CFCL-ON *CP-ON	SCH: s/off 0215 daily Net: N Delete CP:850 Sudbury. Delete listing.	1090 KBOZ-MT CBNG-NF CBLH-ON	SCH: 24 hrs MSP // <u>CBG-1450</u> Delete listing, on 1010.
680 CBQM-NWT 690 #CFRG-SA 710 *CP-CA WUFF-GA	CP is on, delete * Net:F. // #CFNS-860 Tracy. Delete listing. Net: N	1130 *WJTP-NC 1140 *KVLJ-CA	Note call for Newland CP. Note call for Lake Isa- bella CP.
730 WMGS-OH	Addr: RR #1, Perrysburg, 43551	1220 WACY-FL 1230 CHFC-MB	Silent. Loc: Churchill, delete Fort.
740 WRNR-VA *CP-NF	CP is on, delete * Nain. //CFGB-1340	CBQO-NWT 1240 WJEJ-MD	CP is on, delete * SCH: 24 hrs
850 WPTB-GA #CFCL-ON	Addr: Box 289 Delete listing.	1250 CKOM-SA 1290 WTUX-DE	SCH: 24 hrs Addr: 2617 Ebright Rd., Zip: 19804
860 KOAM-KS #CFNS-SA	SCH: 0600-0100 // CFRG-690 only.	1300 /CJME-SA 1320 *CP-MS	CP: U3 10000 10000 Port Gibson, 39150. PWR: D1 500
910 CKLY-ON	SCH: 24 hrs SP:MM 0105- 0558	1340 WPBR-FL CFGB-NF	Net: M,N // *CP-740 Nain
930 *CP-ON	Espanola. PWR: U2 10000 10000		
950 WHVW-NY	Net: N		

1370 CBNE-NF	Loc: Port-aux-Basques. Re-insert hypheus	1550 WPJD-TN	CP is D1 <u>1000</u>
1400 WABY-NY KFTN-UT CBNL-NF	Net: N ex KIXX Note call for Baie-Verte CP which is on, delete *	1590 WVNA-AL KUUU-WA	Net: C Addr: 1426 Fifth Ave. Contributors: Dave Schmidt, Dave Lewis, Frank Dailey, Ron Musco.
1430 WEIR-WV	SCH: 0600- daily		
1440 KDNT-TX	SCH: -0101 daily		
1450 KEST-CA	SCH: 24 hrs SP:MM 0300- 0900		
WPAD-KY /CBG-NF CBND-NF	SCH: 0545-0106 CP: U1 1000 500 // <u>CBY-990</u>		
1470 WDCL-FL	IDs as Dunedin-Clear- water.		
1480 WTHI-IN	Net: <u>N</u>		
1490 CHPG-BC CKMV-NB /CHYM-ON *CP-ON	CP is on, delete * LOC: Grand Falls CP: 570 Port Elgin. PWR: U1 1000 250. //CFOS-560		
1500 WGFT-OH	CP is on, delete *		
1520 *CP-MS	Port Gibson, 39150. PWR: D1 250		

**FACILITIES:**

1190	*WHHL	FL	Granted mod. of CP to change Studio/XR/ANT location to Dumont and Castle St., Pine Castle.
1290	*WRRR	VI	Has until 11-1-76 to get station on the air.
1530	/WPN0	ME	Has until 12-2-76 to get D3 10,000 on the air.





CES MODEL 100 - DIGITAL FREQUENCY DISPLAY

NRC PRODUCT SUMMARY - CES Model 100

Recently NRC published some information about a device made in Finland that connects to a communications receiver to indicate the exact frequency the receiver is tuned to. This device, called "Digidex" now has competition from a U.S.-made device that does the same job. There are significant differences in layout and operation which we will discuss, although the basic principle of operation is the same as the Digidex. For this information we suggest the reader examine NRC's Digidex review.

This device is called the CES Model 100 Digital Display. It is marketed by a Florida company. NRC readers who are hams may have seen a review of the Model 100 on page 31 of the April 1976 QST. DXers who are seriously interested in this device or concept are well advised to locate and read this review, as it goes into considerable detail of operation and utilization of the Model 100. DXers unable to locate this review in their libraries may secure same by sending a SASE to Robert Foxworth, GPO Box 2111, New York City 10001.

The Model 100 is built in a cabinet 2.75 inches high, 12 wide and 8 deep; weight is 5 pounds. It uses 12 watts of 117 VAC power. It has six LED readouts (the Digidex has only 4 in the basic model) and selectable resolution of 1 or 0.1 kHz (Digidex has 1 kHz resolution only). In addition, the CES can count up or down to past 40 mHz. The preset for the IF offset in the CES is done by a front-panel thumbwheel switch, a much easier method than the Digidex. It is important to note that the CES can be operated as a straightforward frequency counter by setting all preset switches to zero. This provides the user with a piece of test gear having 100 mv input sensitivity and 100 Hz resolution to past 40 mHz. The counter has a 1 mHz timebase. When connected to the receiver, a single coax line runs to the receivers high-frequency oscillator or first mixer cathode, to sample the local-oscillator frequency. The up-or-down count feature is helpful with single conversion receivers in which the HFO freq is above the input on lower bands and below it on higher bands, such as the Hammarlund HQ-150 and many others.

Some circuitry notes taken from the instructions (schematic) supplied with the unit. Each counting stage uses a 74192 TTL chip, type 9368 latch and FND-70 7-segment LED readout. The preset switch is type 23011. The clock is a conventional 7490 divider chain, from 1 mHz crystal signal. A 7442 and 7490 and part of a 7400 are used in the timing circuit, and the input shaper has a pair of 2N2222 and a 74196 chip to drive the presettable decades. The power supply is a zener regulated series pass 3055.

Naturally the more complex circuitry and greater versatility will command a higher price, and the "price class" of the Model 100 is in the \$300 area, according to the QST review. Naturally the home constructor could duplicate the circuitry at less cost, but with a large investment of his time. As is the case with the Digidex, NRC has not tried the unit and cannot speak about it in terms of "hands-on" experience. Nonetheless it is our intention to make the existence of the unit known to DXers who may wish to purchase the unit for their own use. The address of the company is CES, Inc., 2311 E. South Street, Orlando, Florida 32803. Telephone 305-896-0215. (This is a newer address than that shown in the QST review). If you write, tell CES president Ronald Hankins that you read about the Model 100 in the NRC.

-- Bob Foxworth

Reference: Product Review, by Hall K1PLP, QST-page 31, April, 1976

PHOTO OF UNIT ON PAGE 24 - HQ

Daytime DXpedition to CLARK'S HARBOUR/SHAG HARBOUR, NOVA SCOTIA  
by Mark Connelly 52 Amsden St. Arlington, Mass. 02174

Recently DX News presented an article on daytime DX from the  
outer bank of North Carolina. I went to a similar "gourmet DX"  
location in August, 1975 - the southwest tip of Nova Scotia. DXing  
was done using a car radio, Realistic TRF, and a Sharp multiband  
z-2500/FY-72U portable equipped w/S-meter. The site chosen, the  
main pier in Clark's Harbour provided direct waterpaths to the  
entire northeast coastal region of the U. S. Stations in Boston,  
200 miles away were at strengths comparable to those noted in  
Boston's inland suburbs such as Framingham, just 15 to 20 miles  
from most Boston radio stations. New York stations, 450 miles  
distant came in amazingly well. The following loggings were made,  
signal strengths are on a relative 0 (carrier in the noise) to  
10 (local causing bad adjacent channel QRM) scale.

kHz	stn.	QTH	sig.	notes	kHz.	stn.	QTH	sig.	notes
540	CBAC	NS	8	LPRT	1000	CKBW	NS	6	
550	CFNB	NB	6		1010	WINS	NY	4½	
	WGNG	RI	6		1030	WBZ	MA	5½	
560	WGAN	MA	9		1050	WHN	NY	4	
570	WMCA	NY	3	unID SAH	1060	WGTR	MA	3½	
580	CJFX	NS	2		1070	CBA	NB	5	
590	WEAL	MA	8		1080	WTIC	CT	3½	
600	CBAS	NS	2	LPRT	1090	WILD	MA	6	
610	WGLR	NH	2		1100	WHLI	NY	1	
	CHNC	PQ	1		1110	CBD	NE	5½	
620	WLBZ	ME	6		1130	WNEW	NY	2	
630	WPRR	RI	5		1140	CBAP	NS	4	LPRT
	CKCY	PEI	3		1150	CHSJ	NB	6½	
640	CBN	NF	1½		1170	WVLC	MA	6	
660	WNBC	NY	5		1190	WKOX	MA	4	
600	WRKO	MA	7			CHTN	PEI	4	
690	CBF	PQ	3		1220	CKCW	NB	4	
710	WOR	NY	4			WSME	ME	2	
730	WJTO	ME	5		1230	WESX	MA	6½	
740	WCAS	MA	5	CBHD SAH	1240	WOCB	MA	5	
750	WHBB	NH	5½		1250	WGUY	ME	5	unID SAH
770	WABC	NY	2		1260	WEZE	MA	7½	
790	WEAN	RI	4½		1270	WTSN	NH	5	
	WRUM	ME	3		1280	WABK	ME	4½	
	CFDR	NS	3		1290	WICE	RI	2½	
800	WCOM	MA	4	CHRC SAH	1300	WJDA	MA	6½	
810	WGY	NY	2		1310	WLOB	ME	8½	
830	WNYC	NY	2½		1320	WARA	MA	4	
850	WHDH	MA	8½		1330	WLET	MA	5	
860	CBH	NS	4½		1340	CJLS	NS	9½	
880	WCBS	NY	5		1350	CKAD(?)	NS	4	
900	WKXA	ME	5		1360	WLYN	MA	6	
910	WABI	ME	5		1370	WDEA	ME	7½	
920	WJAR	RI	5		1380	WBBX	NH	4½	
	CJCH	NS	5		1390	WFLM	MA	4½	
930	CFNB	NB	7½		1400	WMCS	ME	6½	
940	CBM	PQ	1		1410	WOKW	MA	4	
950	WRYT	MA	7½		1420	CKDY	NS	4	
960	CHNS	NS	4			WBSM	MA	3½	
970	WCSH	ME	7			?	?	2	
980	WCAP	MA	3½		1430	WHEL	MA	6½	
	mix	-	2	CBV/CKGM/ WSUB	1440	WJBQ	ME	6	
					1450	WRKD	ME	6	
990	CBAA	NS	5½	LPRT					

## domestic dx achievements

editor: CHARLES A. WOLFF  
2025 FRANCISCO, APARTMENT 1  
BERKELEY, CA 94709

GREETINGS! Here we go with more Domestic DX Achievements. This time, the  
listing is by how many stations people have taped; as you can see, our  
leader is the infamous HWB. Note the new address; I finally moved to  
Berkeley, now that Eric Rittenhouse has gone home to Menlo Park....Mail to  
Castro Valley will still get to me, as it's my parents' house.....

DOMESTIC DX ACHIEVEMENTS  
June 15, 1976

YR NAME AND GENERAL AREA	HEARD TDH	TAPES			
		TDT	ST	PT	
63 BOYD, near Cleveland	1444	1040	48	10	
67 BOWKER, near Chicago (IN)	1375	975	39	4	
64 DUNNING, NYC (NJ)	1440	898	44	9	
70 FORTH, Chicago	1479	766	48	8	
75 MCCOURT, north central PA	637	610	39	6	
68 PIMPER, nr Salt Lake City	1315	573	40	5	
73 MURPHY, Louisville	1278	572	45	6	
74 MOLANDER, near San Francisco	606	337	30	5	
40 MORSS, near Boston	3544	257	34	6	
75 DALE, near Springfield MO	258	219	36	0	
69 KARCHEVSKI, near San Francisco	249	197	35	5	
30 WHEELER, northwest PA	2652	183	32	3	
69 HOGAN, northwest IN	541	183	27	3	
64 KENNEDY, central FL *	405	171	30	1	
73 HANAVAN, near San Diego	575	169	26	4	
74 WALKER, near Louisville	279	164	29	1	
70 HAYES, northeast PA	694	129	28	3	
21 HANSCH, southern WI	1201	82	50	10	
20 LITTEK, near Toronto	357	82	32	10	
73 O'SHEA, Buffalo, NY	520	67	20	2	
62 ATKINS, Louisville	1237	62	29	0	
69 WARDELL, Portland, OR	205	56	16	3	
73 DICKERSON, near Washington D.C.	1063	42	19	3	
60 RUGG, near Montreal	1107	38	17	3	
69 HARDY, N., northwest WA *	490	32	15	3	
71 GOOD, Detroit *	427	25	7	5	
73 WOLFF, near San Francisco	307	15	4	0	
75 FLEISCHAKER, Louisville	451	8	?	?	

PLUS: those counting their tapes: SALLY, Cleveland; VERNON\*, British  
Columbia; STRAUS, New Jersey; and WESOLOWSKI, Omaha.

PLUS: those who don't collect tapes: ARRUDA, near Boston; WINKELMAN,  
North Carolina; ALLEN, near San Francisco; KITT, near Kansas City;  
IMPRESCIA, NYC; ERICKSON,\* Los Angeles; SORENSEN\*, northern Manitoba;  
and TROCHIMCZYK, Washington, D.C.

EVERYBODY WITH AN \* BY YOUR NAME, YOU NEED TO UPDATE YOUR DDXA TOTALS!!!

The next two deadlines for Domestic DX Achievements will be August 1, 1976,  
and September 15, 1976. The August 1st column will be our second annual  
"All-Locations" DDXA. If you've DXed from more than one permanent  
location, then add up your Total Domestic Heard, Taped, and Verified  
totals from all locations for your totals. So, for example, if you heard  
250 stations from Rochester, NY, 250 from Las Vegas, NV, and 250 from  
Castro Valley, CA, your All Locations TDH is 750, even though you may  
have heard some stations from two or three locations.

## DOMESTIC DX ACHIEVEMENTS, continued.....

For your states and provinces totals, heard, verified, and taped, you'll have to figure out your totals, so we don't get anybody with 89 states heard. The quickest way to work these out is to figure out how many states you have not heard/taped/verified from any of your locations, and subtract from 50. So, if from these three locations, you had heard every-state but Maine, your Total States Heard would be 49, even if you had only heard 43 states from NY, 39 from NV, and 42 from CA.

Remember to list all the locations you've DXed from, and the year you started DXing. Send the following information:

YR NAME AND GENERAL AREA	HEARD			TAPED			VERIFIED		
	TDH	SH	PH	TD	ST	PT	TDV	SV	PV
Year you started DXing	Total Domestic Heard			Total Domestic Taped			Total Domestic Verified		
See DDXA column for an idea of what I need here	States Heard			States Taped			States Verified		
	Provinces Heard			Provinces Taped			Provinces Verified		

....and I'll run complete totals for everybody. Also, remember to send along your totals from your current location, so I can use them for the rest of the columns this year!

ATTEND A CONVENTION IN 1976: NRC, LOUISVILLE, SEPTEMBER 3-6; IRCA, SAN FRANCISCO, AUGUST 13-15! HOPE TO SEE YOU AT ONE OR BOTH OF THEM!!!

Who is (was) this NRC'er ????

For the answer to this and other such

assorted trivia stay tuned for LOUISVILLE !



## musings of the members

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, the publishers, or the National Radio Club.

GARY ATKINS - 2200 West Burnett Avenue - LOUISVILLE, Kentucky - 40210  
Only a few loggings since my last Muse in March & no new ones since April. 3/15- KNIE-1530 Wyo. s/off 2:05, WANR-1520 Jam, WKEX -1430 w/TEST @ 3:08. 3/28- WBUL-1220 6:50pm giving me all the Birmingham stations; WKRA-1110 s/off @ 7. WNAD-640, Ted Fleischaker's favorite station, heard in the clear @ 7:22. 4/5- WSOY-1340 surfaced for an ID, in defiance of Murphy's Law, @ 1:28. Total loggings are now at 1,438. Wayne Murphy & I had an interesting time back on 4/10-12. Leaving here on Sat. AM, we first stopped at WMIX-940 & had a nice chat with John Callarman. We then proceeded to Belleville, Ill. to pick up 1,500' of beverage antenna wire that Roger Giannini was kind enough to lend us. From there we heard N to Rantoul, Ill. where my sister lives. SM we began erecting the beverage with the help of my brother-in-law, nephew, & Glen Hauser. We had an interesting DX session that evening. Joining Wayne, Glen & myself were Ed Gehringer from West Lafayette, & Tim Miller from Champaign. Some of the better catches were listed in IDXD in the 5/3 issue by Glen Hauser. The radios were set up in a shed used for housing horses & farm implements & we sat on bales of hay. Even with a large heater fueled by kerosene we about froze to death. I'm willing to bet that my brother-in-law has the only horses around that have heard Paraguay on 645. Mainly though, we just wanted to familiarize ourselves with the antenna so we wouldn't be so green when setting up the beverage for the Convention. What's going to happen in LOUISVILLE on Labor Day Weekend? As they say in San Salvador, "YSS" - come, and Ye Shall See.

JOHN SOMMER - (vacationing in Flores, Peten, Guatemala).

YSKL, R.P.C. (Panama), R. Monumental (C.R.) & HRN all have the same ad agency with 20,000,000 listeners. YSU has the most listeners in San Salvador, E.S. R. Universite in C.R.'s sked is correct. In Liberia, C.R., a new tower (maybe a new station) is being built. Ila Flores, R. Nacional is 810, w/an LW antenna unless they have moved or off the air, since no one is in the studio. R. Nueva Mundo in Guatemala City is apparently off the air temporarily because its building was partially destroyed during the quake. I note that on 1260 in Antigua, Guatemala, & R. TruinFlores (spelling?) are both still on the air. I have all the addresses from Panama, Guatemala, some from C.R., from the Yellow Pages. There is also an Industrial Guide which is like the Yellow Pages for all Central America which I have all the radio info from; the 1975 edition. There is an American in Guatemala City who might do BCB for us. (Like Special DX TESTS, John? -ERC)

GORDON L. ANDERSON - 7706 Borchman Drive - Dayton, Ohio - 45424

How quickly time passes. I've been a member for about nine months & have not Mused. I've been meaning to, but just kept putting it off. I believe a short introduction is in order here, so here goes. I'm 21, single, about to finish Spring quarter at a local university, work part time at a local TV shop, live with my parents, & have been DXing for about six years. My 'poor' rig is a Sears Comtek IX, a multi-band radio, & I use a 2' homemade loop or a 50' LW. With my RX, I am lucky to have 432 stations from this area. I borrowed a DX-150B for a few days & was shocked (not electrically) on the selectivity of this RX. Being on receivers, & before I run out of space, how about some of you look at the possibilities of the RX in the magazine QST, Feb. 1960, PPs 11-19. I'm not sure about the calculations of the coils, but if you change the first three, I'll say it would be an ideal RX. Any knowledgeable Ham or NRCer please help, I'd sure appreciate. Upon this I will close & hope this makes issue #26 (probably not since due 6/10 in P-Town & this type 6/9) I'll be collecting parts & awaiting answers here or in mail. 73s & 88s, we're QRX & QRT. (Welcome to NRC & Musings, Gordon!)

SKIP LABELSTEIN - 8209 West 78th Street - Overland Park, Kansas - 66204

Regular corresponders, please note my new address above. In early April I accepted a position in the Corporate Planning Section of Kansas City Power & Light Company. I moved to O.P. during the first week of June. In the interim I was commuting back to Lincoln on weekends. I had the pleasure of Rob Keeney's company one trip home when he visited Neal Z. A few veries have trickled in this Summer so far: V/ls from WMST-1150, KXIK-1010, WSYB-1380. V/fs from KJAS-1170, CKLY-910. V/rs from WJFF-1340, WTNS-1560 & V/FP/c WGEA-1150, WCON-1450. Total veries now at 1,859. On the subject of veries, I have decided NOT to start counting over. I moved 200 miles, but after more than three weeks of listening at dawn, noon, SSS, evening, & after midnight, there is not one station that is a regular or semi-regular that I can hear here that I hadn't already verified from Nebraska. It seems to me starting over at this point of the game, in light of what I have observed above, is pointless. Others may believe in certain parts of the USA, a move of ten miles is significant & I do not disagree. It's just that in my particular situation I feel starting over is inappropriate. I am looking forward to attending the Derbytown Convention with the rest of the NERDS (Keeney & Zank). I spent a portion of each Summer from 1968-1974 at Ft. Knox, near LOUISVILLE w/the Army Reserves, & I'm sure this will be under more agreeable circumstances. The only roadblock would be a possible prolonged strike at my office by some of the union employees. Till next time, 73s & good DX & Summer Fun. (Good luck in your new job & home!-ERC)

GARY SIEGEL - 2728 106th Street - Toledo, Ohio - 43611

I hope everyone has or is it had a joyous & festive Fourth of July celebration. On this 200th anniversary of the founding of the U. S. I hope all you DXers gather in 200 new catches to add to your logs. This Muse is being sent in on stationery, which will by the timethis report is read, be double star. The address for WANR will no longer be in the Commodore Perry Motor Inn after 6/30 & also in all likelihood the phone number will be changed, too. The all-NX format will end the same day as the address change & an interim format of mx will be invoked from 7/1-15 while the station changes hands from WANR Raystay Corp. to WGOR Gore Broadcasting & gets set up properly in the new pre-fab building at the day XR site. Yes folks, that will be the fourth call sign in three years for 1520 in Toledo. I've worked for two of them & I hope I can make it three for employment's sake. I think many things will make life better for this station this time around. One, a new owner, two, less overhead due to the move to the Temperance, Mich. daytimesite, & three, the religious format will not be subject to fickle commercial buyers who base buys on ratings. The format is specialized enough to reach the audience which the poor signal can reach & furthermore many programs will be paid for in advance by church groups & interested persons, thus local sales are not so crucial, & four, fewer staff members & not as highly paid, either. This last one wouldn't affect me badly as my previous salary didn't break the fellows' bank, anyhow. In talking to the WANR PD, who is a good friend of mine, he seems to think the station may some day broadcast from one XR site which would cut that overhead in half - at least the consultants are looking at the possibilities. Basically what it means is a new start for this long-suffering facility. The G-O-R will stand for Gospel On Radio or Gore, the new owner's last name - clever, huh? Totals now a patriotic 2,276. 73s for '76 & have a fifth for the Fourth but not while driving!

MICHAEL O'SHEA - 46 Garden Court - Buffalo, New York - 14226

Hello to all. Anyone interested in purchasing a used Lafayette HA-600A and a new speaker for \$70.00, please contact me. It costs \$80.00 if you want me to pay for the shipping charges. Sorry, but no DX this time. Hopefully, I'll give all a taste of Carolina DX in a later Muse when I go on vacation. 73s. (Hope so too! -ERC)

GET THOSE REGISTRATIONS FOR THE LOUISVILLE CONVENTION IN THE MAILS AS SOON AS YOU CAN! THIS WILL BE A GREAT CONVENTION! DON'T MISS OUT!

PAUL MOUNT - 471 Emerson Avenue - Teaneck, New Jersey - 07666

The last two times I've tried the Ameco & SM-2 I got no stations at all, so until I find someone to look at it without robbing me I'll use the TRF. Sometimes I'll tell friends I have on a distant station & they'll say something to the effect of "but I thought you can't get anything but local stations on AM." This time it happened to me in reverse. A friend of mine was operating on his CB REACT Network from Teaneck & picked up Daytona Beach REACT around 11am, & I said, "Gee, I thought CB..." A teacher at school had a barbecue for some students at Haworth Swim Club, & I brought my TRF. When I had on a BB game, a friend asked the Mets' score, & was shocked when I said, "Well, I don't know, this is the Cardinals' game." & I proceeded to pull in all these BB teams' games. Well, simple-minded persons like me understand it but students in AP Physics don't, even though the teacher has said "AM radio waves can travel great distances at night." Has anyone else experienced the same shocked reactions? Let's hear about it. Also a friend who's into radio & DXing a little said he heard KOB in Cleveland, "after dinner time" earlier this year. DX: 4/19- TT-1510 12:22am. Trying for WLSG-1570 r/c I heard TT only. 12:51, a TT, FF & rr on 1450, later a wanted WHSC ID @ 12:59, from Hartsville, S.C. It's a r/c. CKGM-980 a pest as usual 1:21 WWSW next door. WDIG-1430 r/c loud o/u WNJR 1:40. Re the WCOG TEST: All the TT, OC & EBS test before 2:15 was WWRL around here, the guy at WCPK said he had mx then. It was nice of WWRL to wait until after WCPK had IDed @ 2:30 to ID loudly. 2:52, WCLS-1580 Ga. w/rr. 5/2- I had TRF for 20 minutes, pulling in newie WFBG-1290 Altoona w/ID @ 8pm, into Pow-erline. 5/4- WQTK-1310 Parsippany call change, weak. They're directional all away from here. 5/10- WVNJ Tting @ 12:55. 5/24- WJIT-1480 testing, guy gave WHOM ID! WSAR-1480 s/off 1:05. At 1:10 I heard mx on 1550, too late for CBE, 'twas WBZQ, Greenville, N.C., testing. WSAR ID on test, 1:25. At 1:40 found WKOX-1190 testing in the form of non-stop IDs "WKOC, 11-90, Framingham, Mass." to 1:45 tuneout, I had 25 IDs. Fun to verify. 73 from the man with tan hands.

KEN ONYSCHUK - 16771 Shea Avenue - Hazel Crest, Illinois - 60429

Hello to all you devoted DXers around the world. In my recent accounting, we should have almost 900 members. Just think, if 10% Mused, ERC's typewriter would strike for time-and-a-half, h1. Just think Summer starts next week. Time for a New Bicentennial Domestic Log, eh? Sorry to say, I won't be in LOUISVILLE in September. My wife is expecting #3 in late July, & I'm sure she'll be needing me a lot at Convention time. WAIT-820 is now MBS - one minute comprehensive report on the hour, wow! A call to WJPC-950 Chicago produced the following: 5/22/75 application for 1,000/5,000 U-2 being held up. SM told me their lawyers are trying to work something out. Our week plus heat wave was broken 6/15, but the severe WX went E into Indiana & Michigan. I heard WX warning @ 7:45 on W1C-1070; WRB3-1580 Mich. on till 9:55 w/emergency WX mixing w/ KWNT which s/off ten minutes earlier. 10:30, WJR-760 carried tornado warning for area. Rains washed out ninth inning, Tigers got washed, too. 21-7, by K.C. Too much static for DXing. Regional DXing has been limited to only about 400 miles in the last month. Too much local garbage. DX on 6/3, PM: UnID-680 w/Brewers BB in WMAQ null from 9:32-9:42, probably WDBC, semi-regular @ SSS. WSGW-790 Mich. w/Tigers BB alone @ 9:49, 930, Reds BB @ 9:53, probably WECL; WSBT-960 Ind. clear w/pop mx @ 10:10 alone; WINS-1010 w/NX u/CFRBe1 mx @ 10:15, not heard here much. WGAR-1130 w/NIS good o/WISN @ 10:45. Occasionally, WNEW surfaces w/Mets BB. They must have a tight night pattern. WIMA-1150 o. w/Reds BB o/CKOC on rr @ 10:49. I would have to say CKOC is a regular here, kind of a pest. WTAE-1250 w/20-20 NX @ 10:40, then rr, w/WEMP looped. CFGM-1310 on e/ID atop mess @ 12:08, then male vocal WX report. I think I'll DX the GYs a bit more this Summer, especially 1400 & 1450, the only openings here. The clears & regionals are clogged. Nice get-together at Karl Forth's on 6/14 w/Rick Fistek, Andy Kwitkowski & Roger Sabella. Congrats to NJPC on the last issue of DX NEWS. Good luck to Antonio Inoki on 6/25. I finally heard my 21st BB team, the Expos, on CKPH-1430. Still missing: San Diego, California, & San Francisco. 73 & Happy Birthday, America!

**TED FLEISCHAKER - 3023 Tremont Drive - LOUISVILLE, Kentucky -40205.**  
 Well folks, not too much to report in actual DX these days, but it has been so long since last I Mused, I thought I'd better get at it. It's been a busy last few weeks in LOUISVILLE for the TV-FM DXer, & I have logged six new states & also Cuba, Mexico, & two provinces on TV, so the skip season has really been going great guns. I have also been busy working on the LADS Convention Committee, which has been putting in lots of hours of work for the greatest Convention ever. I've also been getting ready for 7/29 when Wayne Murphy, Bob Walker & I will share the mike for two hours on WHAS-840 to do a phone-in show on DXing. It should be really great & we'll be answering questions, talking about NRC & the hobby, so all who can hear LOUISVILLE's clear channel giant as they call themselves, should tune in and hear us make fools of .. ah .. er .. talk about the hobby. A call is also welcome, but keep it on the topic, which will be AM, FM, TV DXing. The show starts @ 7:30pm EDT & continues for a couple hours & the on-the-air number is 585-2385 (no collect calls). Elseways, not too much to report, but I've been hearing rumors about a format change of WHO, but they still sounded like that awful country when last heard last week, so if the rumors are true, the station hasn't heard them yet. Also, for those who follow LOUISVILLE area stations, WKLO-1080 has been taking it pretty hard in the ratings & looks like a possible change may be due, according to a reliable source at another local station I interviewed for a news story. See y'all in September - make your plans now to attend & send in your registrations - onward to LOUISVILLE!

**DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Del. 19720**  
 I thought I would check in to catch up on a few things which have been heard. 5/14- WMNS-1360 12:53-1:05am w/f/c, very strong. 5/23- WICK-1400 8:34-8:54pm, strong w/disco rr. 5/24- WBZQ-1550 1:14-1:31am e/ET w/religious organ mx, L&C. 5/25- Another f/c cut through local WILM in the shape of the r/c-TT from WTTR-1450, IDs every minute. Earlier, WPED-810 12:03-12:14a.m.w/r/c-TT o/u WGY. 6/7, just sitting on 1340, out popped an ID from WLOK on an ET, folo by TT, 1:34-1:45am. On 6/29, I experienced a very strange but welcome opening from the coast, with reports taken on WZAM-1110 11:57am-12:15pm w/c/w & rr, & WICO-1320 w/c.w & religious stuff from 12:30-12:46pm, then WCEN-1240 w/WSNJ nulled 12:53-1:07pm w/MoR & c/w, way o/WGEB. WICO is one that has been wanted for o/ten years! Also, little things like WGH-1310, WESR-1330, WKLX-1350 WTID-1270, WCMS-1050, WRAP-850, WTAR-790 were better than usual, in most cases giving the semi-locals a rough time. Traces were also noted of another long-sought one, WEHD-1460. Evidently this was caused by a heavy concentration of moisture from the ocean, forming a semi-water path effect. F/ups have gone to WYAL-1280, WESR-1330, WGUN-1010, & WAYC-1600. Veries are now at 823 w/the following additions: WKRC-550, WGUN-1010, WYAL-1280, WBZQ-1550, KWRF-860, WMNS-1360, WERI-1230, WALG-1590, WRTA-1240, WVJS-1420, WREL-1450 & KATV-1580. Dave Fox noted in a letter that WHEX-1580 is off the air dur to money problems, & they are indeed as WRMI is now in the clear here. My friend Keith Mayo, who is now working at WWTR in Bethany Beach, Del. (FM) recently visited WETT-1590 & reports they are back on the air again under re-organization, same owners as the past. He mentioned the sign 1 is exceptionally bad so they must be back on their correct pattern. I hope that everyone is having an enjoyable Summer; I won't get my vacation till Fall. That will be spent down in N.C. again (West Jefferson) at my wives' relatives. I've also been invited to stop in to WKEX & WQEX to visit, which will more than likely be done in a day. That's it for now so 73s. (How about a WKSE-1600 TBST?)  
 -ERC)

**JIM HOPKINS - 29 Grandview Avenue - Pitman, New Jersey - 08071**  
 That WPLW tester on 1590 on 5/24 you referred to was a call change from WZUM, Carnegie, Pa. I hope this is of some help. By the way we all know Ernie is going to hit the 4,000 verie mark, but when will he hit 5,000? Hi! (In the year 5,000, hi - And I know WPLW is the new call of WZUM, but the question is, was it they I heard on that 5/24 test? -ERC)

**AS THEY SAY IN OTTAWA, "CFRA." "CONVENTION FUN IS RAPIDLY APPROACHING."**  
**AND AS THEY SAY IN ATLANTIC CITY, "WTID." Only Wun More Issue Delivered before then!**

ATLANTA BRAVES BASEBALL NETWORK

(sent in by two NRCers - Carl Durnavich, and Chuck Hutton).

580	W G A C	Augusta, Ga.	1290	W A T O	Oak Ridge, Tenn.
650	W S M	Nashville, Tenn.	1320	W A G F	Dothan, Ala.
750	W S B	Atlanta, Ga.	1340	W T A N	Clearwater, Fla.
860	W D M G	Douglas, Ga.		W B A C	Cleveland, Tenn.
930	W J A X	Jacksonville, Fla.	1370	W D E F	Chattanooga, Tenn.
	W S O C	Charlotte, N. C.	1400	W S G C	Elberton, Ga.
940	W M A Z	Macon, Ga.	1410	W D A X	McRae, Ga. (Sun. only)
1070	W A P I	Birmingham, Ala.		W L A Q	Rome, Ga.
1130	W M G A	Moultrie, Ga.		W U N I	Mobile, Ala.
1150	W D I X	Orangeburg, S. C.	1420	W R B L	Columbus, Ga.
1170	W C O V	Montgomery, Ala.	1430	W A T P	Marion, S. C.
1230	W S B B	New Smyrna Beach, Fla.	1450	W C O H	Newman, Ga.
	W B L J	Dalton, Ga.		W G P C	Albany, Ga.
	W A U D	Auburn, Ala.		W K E U	Griffin, Ga.
1240	W W N S	Statesboro, Ga.	1390	W H M A	Anniston, Ala.
	W L A G	La Grange, Ga.	1470	W C L A	Claxton, Ga.
	W B H B	Fitzgerald, Ga.		W B I G	Greensboro, N. C.
1270	W T N T	Tallahassee, Fla.	1490	W M O G	Brunswick, Ga.
1280	W A N S	Anderson, S. C.		W M R B	Greenville, S. C.
1290	W T O C	Savannah, Ga.	1530	W T H O	Thomson, Ga.
		1590	W V N A		Tuscumbia, Ala.

NEW YORK YANKEES' BASEBALL NETWORK, from Paul Mount

570	W M C A	New York, N. Y.	1340	W N H C	New Haven, Conn.
790	W W N Y	Watertown, N. Y.	1350	W R N Y	Rome, N. Y.
920	W K R T	Cortland, N. Y.	1360	W K O P	Binghamton, N. Y.
950	W I B X	Utica, N. Y.	1370	W P P A	Pottsville, Pa.
960	W A T S	Sayre, Pa.	1390	W R I V	Riverhead, N. Y.
1230	W I N F	Manchester, Conn.	1410	W D O E	Dunkirk, N. Y.
1240	W W W D	Schenectady, N. Y.		W B Z A	Glens Falls, N. Y.
1260	W B N R	Beacon, N. Y.	1440	W J J L	Niagara Falls, N. Y.
1270	W D L A	Walton, N. Y.	1450	W C L I	Corning, N. Y.
1320	W A T R	Waterbury, Conn.		W H D L	Olean, N. Y.
1340	W E N T	Gloversville, N. Y.	1490	W K N Y	Kingston, N. Y.
	W M S A	Massena, N. Y.	1510	W N L C	New London, Conn.
		1570	W D E W		Westfield, Mass.

**MIKE HARDESTER - Box 8174 - San Diego California - 92102**  
 Several months ago, I requested information and suggestions from any DXer regarding the "ideal DX location" in the world. At that time, the Navy was guaranteeing, to a good extent, a duty station requested at the time of re-enlistment. That program fell through shortly after I requested info from fellow DXers. Well, as luck would have it, I now have orders - to Okinawa with a medical detachment (not the U.S.M.C.) and should be there for a brief period - like a couple of years, hi. I'm requesting that any DXer who has DXed from Okinawa or the Ryukyu Islands, or possibly Japan, write me and advise me what their experience has been regarding both DX and non-DX related activities. I'm due to report to Okinawa by the end of this year at the latest, so an early reply would be most definitely appreciated. Thanks, & 73.

**CARL DURNAVICH - 3800 West Division Street - Stone Park, Illinois - 60165**  
 Today I received the classic verie. With each report, I include a color postcard of the seminary. The verie I received was that same postcard with a written confirmation on the back - including a signature ala a physician. Fine - except they didn't say who they were! So now I'm stuck with a "wild-card" QSL! By the way, WBGR sends out a handy key-chain that glows in the dark. Veries in from KVGB-1590, WAOV-1450, WCMY-1430, WVVX-1430, WERC-960, WGEE-1360, WIXN-1460, XEDM-1580, and XEROK-800. (Any postmark on that card, Carl, as a possible clue?)  
 -ERC)

**THE NEXT ISSUE'S PROVINCETOWN DEADLINE FOR MUSINGS WILL BE THURSDAY, AUGUST 5. THIRTY LINE LIMIT, REMEMBER, & PLEASE DOUBLE SPACE!** -ERC

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360

Hi people. I've had the rig on fairly often recently, but more was done on new Concord CR-210A & CR-260 RXes in the FM department. Still, I've got some stuff to report. 6/8- 1190. 1:15-1:16 cut, low TT u/WOVO. 1:19, 1340, TT w/breaks, 1:23 tuneout. 6/10- Day local WGLI 12:54 testing w/Fleetwood Mac LP cuts. Their current album has the DX-er's theme song on it, "Monday Morning." Test announcement @ 12:59. 6/11- TT-1340 2:33. WCLS-1580 w/"Super Scramble '76" promos, rr. Beep-beep CM-1560. 6/12- CFJR-1450 w/old Monkees mx 3:05. 6/13- Add to AT40 list: KIKO-1340 Ariz., CKBI-900 (had been deleted, re-add!). 6/16- WHPY -159C w/old Supremes mx on 5kw test, 2:33. TT-1360 weak in mess 2:39. WCMB-1460 apparently AN again. CKTL-1420, tentative w/FF & NoR 2:50. 6/19- WGCB Pa. good w/religious o/u WLEV-961 (sic-ERC) WCGY new. Add to AT40- WNUB-1400 Fla., WFIR-960 Va., KSIR-1470 Col. MM 6/21- Strong 818 bet on HJ/WBAP. TT-1290 1:57-2:03 tuneout - actually two stations, each w/TT, one constant & on/off. 1350 & 1550 each had TT about 2:05-2:10. WWRL-1600 w/OC & ID tape running, 2:11. 1320, 1330, 1390 all had TT @ 2:15. Overall, 6/21, CX poor, no openings at all. 6/22- WNYC-830 w/test ending @ 1:02. 6/23- WLIX-540 2:56 w/"Summer Breeze", on ET, 2:57 ID. 6/25- Bayside High School graduation, utter thrills. 6/26- WFGC-1580 testing w/rr, ID 2:39. AT40 new 6/27- WOHO-1470 C. & WJDX-620 Miss., delete WRBC-1300, they had AT-40 until they went NNIS. MM 5/28- WABI-910, newie on CR-260 w/SM-2 wired, 12:07 w/SID on top, change log. Some AT40 additions, on the printed list from Watermark: WAAY-1550 Ala., KVOK-560 Ark., KHOZ-900 Ark., WGBS-710 Fla., WPPI-1330 Ga., KVIS-1450 Ida., KLOU-1580 La., WHCU-1340 Me., WNO-850 Mich. (??), WENE-1430 N.Y., WLL-1340 N.Y., WYNG-1300 N.C., WKST-1280 Pa., WHUB-1400 Tenn., KVIC-1340 Tex., KEYX -1450 Utah, KRKK-1360 Wyo. Lots of deletions - I'll supply them, and/or the master list is available at AT40, Box 8170, Universal City, Cal. 916-08. Additions will be reported right here, as usual, in the future. WHW -950 7/1 noted as "NX-Radio-95" w/NNIS, lpm. 7/3,4, no DX done, suffering from the Bicentennial Blitz and other assorted maladies. 73e.

DICK TRUAX - 3003 Gleeson Lane - LOUISVILLE, Kentucky - 40299

Greetings again from the site of the '76 Convention. Looking back I notice I have not Mused since March - but then there really has been little to report since then. The only catch of any note was KSLM-1390 Ore. TEST & verie received. More recently, KDTH-1370 Ia. noted on 5/29 @ 11:30pm w/ID & mx, coming up over pest WSPD for a surprise. 6/17- Long-wanted CBEF-540 Ont. @ 10:50pm w/FF ID all alone. Although not yet logged at home, the new WLBQ-1570 is on in Morgantown, Ky., first noted when passing through on 6/11, mentioning having been on a week at that time. No sign of the new stations on 1130 in Murray & 1430 in Mayfield on trips there 6/29. I will keep oosted when activity is noted. Receivers here are now an HQ-180A & HQ-180. For anyone wanting an HQ-180 for the upcoming season, four are listed in the latest issue from Buyers & Sellers. To inquire or subscribe to this list, write Buyers & Sellers, Box 73, Boston, Mass. 02215, or call 617-536-8777, 9am-5pm EDT Mon.-Fri. or Wed. & Sun, 7pm to midnight to take advantage of low phone rates. I got both of my RXes through them & I am very satisfied. Three of the LADs will be on the WHAS-840 phone-in show 7/29 I think promoting the NRC Confab, so a large part of Mid-America can listen in. I think it starts @ 7:30pm EDT but times should appear elsewhere in this issue. See you all on Labor Day Weekend!

MICHAEL HOGAN - 4811 Euclid Avenue - East Chicago, Indiana - 46312

Not too much DX has been done here during the past month, in fact, only one new station was logged in June. That makes a total of 42 new stations for the first half of this Bicentennial Year. Maybe I'll reach 76 by the year end. Now 579 stations logged in seven years of DX-ing (five active). Be sure to check the upcoming DX-Change for some special bargains I have to offer. Best state for DXing from (that is, logging stations that are transmitting from the state) is Illinois which has produced 71 stations. Another personal statistic of mine is that I have verified or "tape verified" 40%, 232 verified of 579. Enough of my bragging - 73s to all

PAUL MOUNT - 471 Emerson Avenue - Teaneck, New Jersey - 07666

By the end of the year I'll be able to say that I made LOUISVILLE. Monday, 6/28, my family took off on a Midwest Trip to Wyoming & Anchorage. I took my TRF & RQ-446S (radio/cassette) in addition to tapes, DX records, other goodies. We had lunch in Tannersville, Pa. W of Stroudsburg. Almost all N.Y.C. & Philly area stations noted. A brief bandcheck in DuBois Pa. found Lake Erie area stations prevalent, plus the Pa. ones. After having lunch in Akron with George Greene, we moved on to Wyoming (Ohio). Day reception is a lot like Anchorage, except for some W. Va. stations here. Wyoming is N of Cincy. Night reception SM had KARN-920 & a timekeeper on 1180 noted. This was mailed before the MM 7/5 session. We spent a day in Metamora Ind., about 40 miles ESE of Indianapolis. Stations from about eight states were heard including WIND-560 & WTMJ-620. WTMJ had teletalk & Milwaukee ads, so surely not WMTT. The middle of the week was sent in Anchorage, Ky., a suburb E of LOUISVILLE. Hoosier Hospitality spread to LOUISVILLE here. A letter to Wayne Murphy prompted great plans to show me around, but our plans changed (we first thought we'd be in LOUISVILLE all day Sat. 7/3). I spoke to Bob Walker & Pat Hartlage on the phone. Wayne Murphy had me over to his place one night where I also met Jim Nall. I spent much of my time with Ted Fleischaker, who showed me the antennae on Knob Hill in Indiana in addition to several stations. We had lunch at the Top of the Towers. My thanks to these gentlemen, & it made me want to come for the Convention even more. But - college starts in August since I'll be a Freshman at Columbia U. so I guess I can't make it. (They don't have classes on Labor Day weekend, Paul! -EJC) Aircheckers write, plus those w/SCs, CMs, & stickers. Station lists available. 73.

PAT HARTLAGE - 9200 Wendell Way - LOUISVILLE, Kentucky - 40299

7/5. Shame on me, my last Muse was on 3/25. I have done little DXing. I note that Canadians are coming in very well now. New for me: CKKW-1090 heard 5/23 @ 11:10pm, CFGO-1440, heard 5/31 @ 12:44am, CHAM-1280, added 6/21 @ 12:03am, & CKWW-580 heard this morning 7/5 @ 4:58. I also added WBGW-1340 this AM. Recently I got promoted at the Veterans Administration & bought the house I've lived in for a couple of years. Together with Convention planning it's been a busy Summer. A request -- Convention attendees, please PLAN AHEAD. There will be several Conventions in LOUISVILLE over Labor Day so be sure you get airline & bus tickets early. Also, we need registrations as early as possible. We would appreciate anything our members can talk their local stations out of, such as bumper stickers, CMs, key chains, records, you name it. Bring the items with you, sent with a friend or mail them to me or Wayne Murphy, 1411 Phyllis Avenue, LOUISVILLE 40215. Let's make LOUISVILLE the BIGGEST & BEST NRC CONVENTION YET! I enjoyed talking with Paul Mount who visited recently. Come back in September, Paul! We'll show you Convention participants just how great Kentucky hospitality really is! &#. (Mailed 7/6, 7:15 a.m. - received 1 p.m. 7/8 - ERC)

#### M O T H E R B A L L M E M O R I E S

##### CHAPTER XXV - WHOEVER FEARED OF DXING MONDAY MORNING?

Of course, some did - in fact, some DXed almost daily for many years, like one of NRC's illustrious leaders of yore, Joe Becker, who DXed daily from 2:30 to 4:00 a.m., and got down to needing only about a half-dozen U.S. stations to have the entire COUNTRY 100% verified, in the mid-30's! But, more on some of our forefathers in some future M.M. In those days, SUNDAY mornings were the biggie. In mid-Winter, there'd often be as many as 20 or even more DX Programs for the DXers to go for! Remember, there were virtually NO all-nighters in this era of the mid-30s. For a long while, big WOR-710 carried a ten-minute program of DX Tips Saturday nights, 9:55-10:05pm, from the NNRC. Then, for a few years NNRC had an afternoon program on WAAZ-940 Saturdays, 5:15-6:15pm, of which only five minutes was actually devoted to the coming DX programs. The NNRC was then the BCB Club, and there were in the field also a few others, like our own NRC, the CDXR (Canadian DX Relay), the IDA (International DXers' Alliance), and the UDXC (Universal DX Club), and the URDXC (The Universal Radio DX Club) and the GCDXC (Globe Circlers' DX

(MOTHBALL MEMORIES) Club. The NNRC, recognized as the top and largest, did not issue a bulletin in those days, but mailed every member the Wednesday edition of the Newark Evening News, which ran a "Letters to the Radio Editor" column, in which DX catches were mentioned, and also a column depicting the up-coming special DX programs. Ye Editor inherited the DX hobby from his father, who died in 1931, when I was 12. Along about 1935, I first joined a DX club, signing on with the CDRX out of Goderich, Ontario, and later, joining the NRC. There were other short-lived DX Clubs then, but the Mothballs in my Memory Bank have evaporated. But, DX was vastly different - no ANs, no TTs - most test broadcasts featured military band music - Sousa marches, mostly. There were no such things as directional antennas at the stations, but some of the old console radios used them atop the cabinet, long before Gordon Nelson was born!

NEXT TIME: EARLY CONVENTIONS I HAVE KNOWN.

BOSTON RED SOX BASEBALL NETWORK, from PAUL NEEDLEMAN

550 WDEV	Waterbury, Vt.	WERK	Pittsfield, Mass.
560 WGAN	Portland, Me.	WFAU	Aurusta, Me.
580 WTAG	Worcester, Mass.	WHOU	Houlton, Me.
610 WGIR	Manchester, N.H.	WTWN	St. Johnsbury, Vt.
860 WSBS	Great Barrington, Mass.	1350 WINY	Putnam, Conn.
920 WJAR	Providence, R.I.	1370 WDEA	Ellsworth, Me.
950 WAGM	Presque Isle, Me.	1380 WKJT	Farmington, Me.
1080 WTIC	Hartford, Conn.	WBBX	Portsmouth, N.H.
1230 WMB	North Adams, Mass.	WSYB	Rutland, Vt.
WBME	Belfast, Me.	1390 WCAT	Orange, Mass.
WQDY	Calais, Me.	1400 WHMP	Northampton, Mass.
WKOU	Berlin, N.H.	WIDE	Biddeford, Me.
WTSV	Claremont, N.H.	WMCS	Kachias, Me.
WERI	Westerly, R.I.	WTSL	Hanover, N.H.
1240 WJOY	Burlington, Vt.	1450 WLKN	Lincoln, Me.
WHAI	Greenfield, Mass.	WRKD	Rockland, Me.
WCOU	Lewiston, Me.	WKTP	South Paris, Me.
WPKR	Millinocket, Me.	WTSA	Brattleboro, Vt.
WFTN	Franklin, N.H.	1490 WNUV	Springfield, Mass.
WWON	Woonsocket, R.I.	WTVL	Waterville, Me.
1250 WARE	Ware, Mass.	WEMJ	Laconia, N.H.
1280 WEIM	Fitchburg, Mass.	WFAD	Middlebury, Vt.
1290 WKNE	Keene, N.H.	WIKF	Newport, Vt.
1340 WNHC	New Haven, Conn.	1510 WLEX	Boston, Mass.
WNBH	New Bedford, Mass.	930 WJNH*	Rochester, N.H.

(\*added by ERC)

ERNEST R. COOPER - 5 Anthony St. - Provincetown, Massachusetts - 02657

OK, it's now 3,984 veries w/v/qs from R. Reloj-1110, Cali, Colombia; R. Paradise-1265, & WMAV-970, who from now on will use some Code IDs in their r/c, 1st SM, 2:15-2:25, following my suggestion. I suggest you suggest this to all stations you hear without it on f/cs. Welcome visits were had from Mr. & Mrs. Carleton Lord or Corning, N.Y. & Pete Skinner of Dover, Mass. recently. Anyone visiting historic Provincetown this Bicentennial Year, please visit, but call first, OK? DX: MM 6/7-Ecos del Combeima, HJKD, noted ANing on 1020. Unn R. Mundial, Brazil, in strong on 860, naught much else. 6/8- Margarita-1020 killing KDKA 12:22-1:08 s/off. 6/9- Varying TTer on 1470, 1:59-2, then OC, no IDs heard. WGSB-970, NNIS, usually s/off @ 1, did so @ 2 today, but back to lam next day. May have been to report on the last state primaries. 6/11- Varying TTs on 1500, 1:37-1:56 CC, no IDs. 6/12- Margarita-1020 good in evening @ 8:51pm. SM 6/13- WRBX-1530 turned out to be the TTer here, 1:22-2:44 ID, then hymns. Report to The Voice of Aruba-1325, heard 1:42-2:38. MM 6/13- YSCF-1155 logged & reported, 1:04-1:32 s/off. Newie WHPY-1590, ET/mx 1:54 & on, & all week long, 8-9, an LPC! And, wowwie, a goodie-newie on 1100 in PRG-9, R. Nacional, Sao Paulo, w/the two Reloj Colombians nullled. 6/16- WCNW-1560 ET/mx 1:44-2:16, & reported. 6/18- WSPD-1370 carries Toledo Mud Hens BB weekends, they said, whilst logging WEIF, W.Va. on ET/rr. MM 6/21- Report to HOJ-2-1045, 1:21-2:21. Naught new since then, but I'm in there pitching, or trying. C U in LOUISVILLE, & in 28. NEXT MUSINGS DEADLINE IS THURSDAY, AUGUST 5th. LET'S SWELL THIS SECTION!



# OUR 1976 CONVENTION

COME TO THE 1976 ANNUAL CONVENTION OF THE INTERNATIONAL RADIO CLUB OF AMERICA! IRCA '76 WILL TAKE PLACE AT THE HOTEL RAPHAEL IN DOWNTOWN SAN FRANCISCO, ON AUGUST 13-14-15, 1976. PLANS INCLUDE SPEAKERS ON DX'ING IN GENERAL, OLD TIME RADIO, AND TECHNICAL TIPS; QUIZZES, A SOFTBALL GAME, A TOUR OF ALCATRAZ ISLAND, A BANQUET WITH A SPECIAL GUEST SPEAKER, THE IRCA BUSINESS MEETING, AN AUCTION, AND LOTS MORE!

presented by Bay Area Radio Freaks

NAME: _____	Mark here if you need to be matched up for a double or triple room: _____	<b>registration form</b>
ADDRESS: _____	Preference for room sharing: _____	
HOTEL RESERVATIONS:		
August 13 (Friday night) _____	REGISTRATION FEE: \$5 (pay at the door when you arrive)	
August 14 (Saturday night) _____	BANQUET (cost: \$5, at the meeting room, Saturday evening) _____	
Other nights: _____		
Single (\$22) _____	ALCATRAZ TOUR (cost: \$2, Sunday morning, 10-12) _____	
Double (\$15/person) _____		
Triple (\$12/person) _____	Banquet and Alcatraz Tour must be prepaid; money can be refunded up to August 6.	
Do not send money for room - pay hotel when checking out.	C U N San Francisco!!!!	

RETURN REGISTRATION FORM TO: RICK HEALD, 840 WARFIELD #6, OAKLAND, CA 94610

THE PLACE: THE RAPHAEL, 386 GEARY STREET, DOWNTOWN SAN FRANCISCO. THE TIME: FRIDAY, AUGUST 13, STARTING AT 6:00 pm AND GOING UNTIL 6:00 pm, SUNDAY, AUGUST 15. SINCE IT'S THE IRCA CONVENTION, THIS WILL BE AN ALL-MEDIUM WAVE CCB DX'ERS' MEETING. DIG THROUGH YOUR DX SHACK FOR SOME OLD STUFF TO BE AUCTIONED OFF - ALL PROCEEDS FROM THE AUCTION WILL GO DIRECTLY TO IRCA. BRING RECEIVERS, ANTENNAS, QSL CARDS, VERIFICATIONS, DISPLAYS, TAPES, BOOKS, CLUB BULLETINS, MONEY, HEADPHONES, LOGBOOK, AND YOURSELF! SEE YOU IN SAN FRANCISCO!!!!

AUGUST 13-14-15



SAN FRANCISCO

JULY 23, 24, 25 - ASSOCIATION OF NORTH AMERICAN RADIO CLUBS (ANARC)

Annual All-Wave Convention for all phases of DXing at Holiday Inn - International Airport, 9901 South La Cienega Blvd., Los Angeles, CA. 90045. From Friday - 6p.m. to Sunday, 6 p.m. For SW-MW-LW-FM/TV and Utilities DXers. Speakers on DXing, Equipment Display, Tours, Banquet with speaker, HAP Auction, ANARC Business Sessions, Hosts: Southern California DXERS (SCADS). Rooms: Singles: \$18.00, Doubles: \$24.00 per night. Registration and Banquet, \$14.50. For Registration forms and information, send a SASE to: ANARC 1976, P.O. Box E., Elsinore, CA 92330 - or call (714) 674-4591. No collect calls please.

JULY 25 - NEW YORK METROPOLITAN AREA DXERS. 12 Noon - Home of Jeff Hambright, Denville, N. J. All DXers in NY, LI, NJ, CT and DE are especially invited. Information from Chris Hansen, 100 West 92nd St Apt. 5-B, New York, N. Y. 10025. Phone: (212) 595-1473. SASE please.

JULY 31 - AUGUST 1 - ALL CLUBS DX RALLY - Sponsored by the Ontario DX Association. Note that location has been moved from Kingston, to Toronto, Ontario, Canada (due to Olympic Games Sailing Competition being held at the same time in Kingston, Ont.) For information and details of the new Toronto DX Rally, contact Harold Sellers, Chairman, 603-29 Church St., Weston, Ontario, M9N 2J9, Canada. Note Harold's NEW address, effective June 15, 1976. Phone: (416) 242-3721.

AUGUST 6 - 7 - 8. CHICAGO, ILL. WORLDWIDE TV-FM DX ASSOCIATION. 8th Annual Convention to be held at Rodeway Inn, 5615 North Cumberland Ave., Chicago, IL 60631. Free Limo from O'Hare International Airport. Special Room Rate: \$18 per night, single or double. Registration Fee: \$14.00 per person - covers Sat. Eve. banquet and Sun. A.M. Breakfast. Deadline for registration, July 26, 1976. Talks, demos, tours - covering TV, FM, VHF/UHF Public Service Bands DXing. For information write: Morrie Goldman, (Chairman) 5815 North Christiana Ave., Chicago, IL 60659. SASE Please. Phone (312) 583-2990.

AUGUST 13 - 14-15 - INTERNATIONAL RADIO CLUB OF AMERICA - SAN FRANCISCO Annual Convention at Hotel Raphael, 386 Geary St. (downtown) San Francisco, CA. Friday, 6 p.m. to Sunday, 6 p.m. All-Medium Wave (BCB). Speakers on DXing, old-time AM radio, technical tips, auction, banquet, tour of Alcatraz Island. Registration, \$5.00; Banquet, \$5.00; Alcatraz Tour, \$2.00. Hotel Rooms, Single, \$22.00, Double, \$15.00; Triple, \$12.00 - all per person. For information write: Rick Heald (Chairman) 840 Warfield, #6, Oakland, CA 94610 (SASE Please). Phone Rick between 1600 -2200 GMT Mon-Fri - (415) 626-3400.

AUGUST 21 - 22 - OHIO WEEKEND DX SEMINAR \* CANTON, OHIO to be held at Imperial House, off Interstate 77 at the Everhard Road exit. Second annual Seminar sponsored by the Miami Valley DX Club. Registration is \$5.00. Bring your DX equipment, tuning skills and meet fellow DXers. For room rates, registration and information, contact: Bob Beck, 1102 Delverne Ave., SW, Canton, Ohio 44710. (SASE please)

AUGUST 22 - GREAT LAKES DX ASSOCIATION - LANSING, MICH. Summer Meeting. Write for information to Bill Whitacre, 2609 Devonshire, Lansing, MI, 48910. Phone: (517) 482-7996. (We'll bet Bill will be getting requests to mediate dates - due to conflict with above Ohio Weekend Seminar)



# YAD Lives!

....and you thought there wouldn't be one this year, you fool you.

WHEREAS many DXers from the far northeastern reaches of the United States and Canada will be driving to Louisville for the NRC National Convention, and

WHEREAS, for most of these people the distances are too far and tiring to traverse in a single day, and

WHEREAS many of these afore mentioned people will be seeking a mid-point for a night's lodgings,

BE IT RESOLVED THAT: Hubbard, Ohio be annointed as the official half-way point for weary travelers to the Kentucky Frolic.

BE IT FURTHER RESOLVED THAT the official 1976 YAD (Youngstown Area DXers) Gathering shall occur in conjunction with this great migration so that all may sneak in an extra evening of reveling, DXing or what ever else happens at the YAD, and usually does.

AND BE IT FURTHERESTLY RESOLVED THAT: all those who have never before attended a gathering of YAD be forever and always inducted into this secret society, to forever and always be a cut above the ordinary mortals who have never had the YAD experience. Over 70 NRCers are now official YADS, are you? Would you like to be? Do you care?

On the day of September 2nd, an official one-day YAD will be held at our traditional location, the home of Jerry Starr in Hubbard, Ohio. It is assumed that most everyone driving to Louisville from the northeast will ultimately be using Interstate 80. Eighty passes right thru Hubbard so it's not out of your way. Within a 10 minute drive are every conceivable manner of motels for resting before heading for Louisville on Friday morning. Sorry, but all sleeping accomodations at the house are already spoken for.

IMPORTANT: LET ME KNOW IF YOU ARE GOING TO STOP AT Y.A.D. We don't want to run out of refreshments. Write for directions and other information you may need.

YOU TOO CAN BECOME AN OFFICIAL MEMBER OF Y.A.D. Then you can also have the thrill of having people say to you "Who Cares?" or "So What?"

Jerry Starr  
196 Fox Street  
Hubbard, Ohio 44425

"YAD is an ERBA-East" ..Edward Middle of Krayneeburg Heights, Ohio, 1971

MEMBERSHIP EXPIRES  
will rje be there/? "Possiquently." -RJE

WITH THIS ISSUE  
RENEW NOW!

Shades of the 1975 Convention in Hartford.....



And of the 1974 Convention in Toledo.....



And in 1976, it's

# Louisville

Holiday Inn Southeast

I-264 & US 31\*E

( have we got a surprise for you! )

Labor Day Weekend

1976

September 3-4-5-6

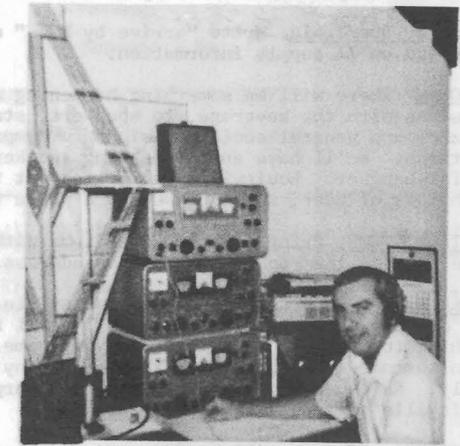
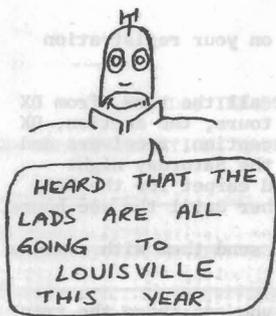
By Tom K. Ryan

### TUMBLEWEEDS

WHAT YOU COOKING, LIMP LIZARD?



The LADs.....



## THE 1976 NRC LOUISVILLE CONVENTION

September 3-6, Holiday Inn Southeast, Interstate 264 at US Hwy 31E

**COST** Registration is \$15. Covers cost of meeting rooms, hospitality room, beer, soft drinks and banquet.

Rooms are \$15 single, \$20.50 twin or double and \$22.50 triple (plus tax). Room assignments will be made by the Convention Committee unless you make arrangements with us in advance. Prices subject to change.

**WHEN TO REGISTER** The sooner the better, but not later than August 8, 1976. Send completed registration form to the address listed.

**HOW TO GET HERE** Louisville is centrally located, so getting to the city is easy. If you plan to use public transportation, reserve your seats early, since many people travel over the Labor Day weekend.

**By Car** From the East or Northeast, take I-64 or I-71 to I-264 West (Watterson Expressway), then to Bardstown Road South (US 31E), one block to the Inn on left. From the North or South on I-65, take I-264 East to Bardstown Road South. From the West on I-64, follow I-264 East to Bardstown Road South.

**By Air** Convention HQ is just 3½ miles from the airport. List your arrival time and flight number on the registration form so we can have transportation waiting on arrival, or you can use the courtesy phone for airport limo courtesy of the Inn.

**By Bus/Train** Write "arrive by bus," etc., on your registration form and we'll supply information.

**PROGRAM** There will be something happening almost all the time, from DX sessions with the beverage, to speakers, station tours, the auction, DX quizzes and general social sessions to compare reception, receivers and stations. We'll have an interesting speaker for the Saturday night buffet-banquet. Louisville is rolling out the red carpet for the NRC, with lots of beer, soft drinks and a place to gather until the wee hours.

**AUCTION ITEMS** Bring your auction items with you, send them with someone else or mail them to the convention address.

**SHARE A RIDE** Why drive alone to Louisville when you can share the trip and driving costs with other DXers? We'll be glad to match up those wishing to carpool. Just send us your name, address, when and where you plan to come from, and if driving, how many you can take. Let us know early. As added incentive, the largest carpool will receive a case of Louisville's finest--Falls City Brew!

**QUESTIONS** If you still have questions about the Convention, send them to the LADS at the address listed. We'll get one of our highly-trained, expert individuals to take off his headphones long enough to answer you.

## 1976 NRC LOUISVILLE CONVENTION REGISTRATION

Mail to: Wayne Murphy, 1411 Phyllis Avenue, Louisville KY 40215

### PLEASE COMPLETE ALL ITEMS.

Name \_\_\_\_\_ Phone ( ) \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

\_\_\_\_\_ I plan to attend the Convention.  I will stay at the motel. My room registration is below.

I will not need accommodations at the motel.

\_\_\_\_\_ I will / will not (circle one) take part in the buffet-banquet.

\_\_\_\_\_ I will arrive by \_\_\_\_\_ at \_\_\_\_\_ (transportation) (date, time, flight number, etc.)

\_\_\_\_\_ I am interested in carpooling. I (circle one) will drive and can take \_\_\_\_\_ passengers. I need transportation.

Departure Date \_\_\_\_\_

HOLIDAY INN SOUTHEAST - LOUISVILLE, KENTUCKY

ROOM PRE-REGISTRATION, NATIONAL RADIO CLUB CONVENTION, SEPT. 3-6, 1976

Name(s) \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Room preference:  Single - \$15 per day  
 Twin or Double - \$20.50 per day (\$10.25 per person per day)  
 Triple - \$22.50 per day (\$7.50 per person per day)

Above rates plus tax. Prices are subject to change.