ON THE INSIDE...........

- Clipping Corner - Various
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- Verie Signers - ERC

NEW MEMBERS

* Dr. Robert Mendelschon, 46 Schenck Ave., Great Neck, NY 11021
* Gordon P. Hungerford, 64 Creek Dr., Palmyra, NY 14522
  John J. Long, 11 Linda Dr., Woolcott, CT 06716 (re-joins)
* Thomas M. Cagley, Jr., N-364 Hillcrest, Iowa City, IA 52242
* Donna Anderson, P.O. Box 6, Storrs, CT 06268

Welcome to the NRC, folks. We hope you'll soon be hearing from one of our members in your area to welcome you to the fold individually. In the meantime, how about send a musing to ERC to introduce yourselves to us all...

RENEWALS


NOTES &c FROM NJPC

We can only second ERC's comments this week in the Musings section. Ernie has selflessly edited this column for some 30 years now, and we all owe him the courtesy and consideration to DOUBLE SPACE our Musings. We back his decision not to run single-spaced Musings from here on in 100%. We ask all members to please co-operate.

Our attention is called to our recent write-up on the K3CHP DX QSL GUIDE, authored by member Joe Mikuckis. Several members have written to tell us that this guide is oriented very strongly toward ham use, not to SWL or BCB DX'ing, as the phrases translated therein do not cover many essential terms for a good reception report, so please act accordingly.....

From Radio Nederland comes word that the longtime host of the DX Juke Box programme, Hans van Gelder, is stepping down due to reasons of health. His successor will be Dick Speelanan, who is a Dutch national just returned from 12 years in Australia. We wish both the new and retiring hosts the best of luck.
C.P.C. TEST SCHEDULE

MONDAY OCT. 28
0000-0045 + KUSO-1200 + Pleasantsville, NJ 1/250 U HRC/RNC
0200 + KIRM-1200 + Hackett, IA 1/500 U HRC/RNC
0330-0415 + KARE-1350 + Hoquiam, WA 1000 D HRC/RNC
MONDAY NOV. 4
0300-0345 + KWSO-730 + Thomasville, GA 5000 D HRC/RNC
0330-0405 + KMJW-1150 + Fremont, NE 500/250 U HRC/RNC
0330-0415 + KARE-1350 + College Sta., SD 1000 D HRC/RNC
0330-0430 + WXRZ-540 + Delta, UT 1000 D HRC/RNC
FRIDAY 15
0000-0045 + KWSJ-1550 + Hartford, WI 500 D HRC/RNC
0000-0050 + WMPA-1550 + Morris, IL 250 D HRC/RNC
0100-0130 + KWSJ-1550 + Plainfield, NJ 500 D HRC/RNC
0100-0120 + KCOX-1250 + Denver, CO 50/125/250 HRC/RNC
0130-0200 + KKRJ-1550 + Arvada, CO 1000 D HRC/RNC
0200-0230 + KFKO-850 + Clayton, MO 500 D HRC/RNC
0230-0300 + KPHL-1150 + Bradford, PA 1000 D HRC/RNC
0300-0330 + WHL-1150 + Hondo, TX 1000/250 U HRC/RNC
TUESDAY 2
0100-0130 + KWSO-730 + Asbury Park, NJ 1000/250 U HRC/RNC
0130-0200 + WJSB-1250 + Ocean City, MD 1000 D HRC/RNC
0200-0230 + KQTL-1550 + Bakersfield, CA 1000 D HRC/RNC
0230-0300 + KWSO-730 + Alvarado, TX 5000 D HRC/RNC
0300-0330 + WNET-1250 + Michigan City, IN 5000 D HRC/RNC
0330-0400 + WQZ-730 + Ft. Madison, IA 5000 D HRC/RNC
0400-0430 + WAAB-1150 + Worcester, MA 5000 U HRC/RNC
WEDNESDAY 3
0100-0130 + WEDS-1150 + Beverly, MA 500 D HRC/RNC
0130-0200 + WWMN-1150 + Fairfield, PA 1000/500 U HRC/RNC
0200-0230 + WHL-1150 + Galesburg, IL 1000/250 U HRC/RNC

DETAILS-

KWHO- Will begin one minute following KPHO's s/off w/ SSDB, TT, rr & ID's w/ possible 04 ID's will follow. V/s: Bill Hardy, KPHO, 31st & Bay, Hoquiam 98550. Arr. Bill Hardy, HRC/RNC.

KHCM- No program details. V/s: Larry Pettis, CE, KHCM, Biloxi, 75444. Arr. Larry Pettis, KHCM.


KHBI- Will probably have 04 ID's, TT, march mx. V/s: Vern Mirka, Prod. Dir., KHBI, Box 665, Zip 30055, Arr. Babelstein.

WAV- At present, there are conflicting reports as to dates. Original info says Nov. 9. Late report from IRCA HQ says ha in changed to Nov. 11. Other details next issue.

REMEMBER: ALL TIMES FOR TESTS ARE NOW

EASTERN STANDARD TIME THRU FEBRUARY

international dx digest

Alan Merriman
P.O. Box 6
Fairfax, Va. 22030

*Phone 703-351-2135 before 2200 EST All Times are GMT * Deadlines are Saturday
A few longwave items first from Bob Foxworth...

164 - FRANCE Allouis hrd w/clear sig around 0500-0530 10/2 and same time, even better at 1200 in past 0640, hitting 68 at peaks. Generally just a weak carrier here.

180 - WEST GERMANY Weak audio from Europe I in 0050 10/5, only reception so far this year.

209 - MEXICO Azul nice and clear 0330-0630 10/5 apparently AN for Hamam.

584 - SPAIN ARNE Madrid in w/near local sig didn't need the Q-multiplier for this; between 0512-0519 on 10/13/15 was classified flute mx and singing and was giving 580 a taste of his lower sideband, ran 20 db higher that domestic on 580. (Clayton) Clear and good to 6025 10/13 during TA opening.

585 - NORTH KOREA 10/8 at 1350 w/classical type mx, oriental style. (Foxworth) Really taping up 590 w/best. (Heald)

597 - BULGARIA (Tentative) L Sofia vicious splitter from 590 prevented program details except for a flag (maybe 13) 2359-0000 carrier in strong from 2359-0005 on 10/7. (Clayton) Bulgaria not impossible but Monroe or West Germany would be much more likely here at this time. (ID) / (Hausner)

600 - ANTARCTICA For anyone sufficiently deaf to SW DX news, be advised that McMurdo AFAN apparently has a SW/ on 6012, should your ID on 600 be uncertain.

610 - COLOMBIA NKL Atalaya Cuare Grande, Bogota 10/14 0928 caught Radio Cadena Nacional SW plng w/MAQ; quickly confirmed as NKL by /6160 (Hausner).

625 - COLOMBIA Radio Caracol, San Jose about 500 Hz above channel between 0222-0227 on 10/15, W ID, am and 1A and light rock mx. Reception very good, about 20 db over 59. (Clayton)

640 - CUBA CMQ Havana 10/14 at 1040 w/segment of a speech followed by commentary. Rare w/KPHO off. (Heald)

650 - VENEZUELA TQ9Q Onda Porteña, Puerto la Cruz in briefley behind R. Havana at 1041. Caribbean SS mx (Heald)

655 - NORTH KOREA Radio Pyongyang in well at 1010 on MM 10/7 w/KPHO off. Almost low with 655 which was booming in SW/mid speaking in Korea (Hausnida)

700 - PARAGUAY KPHS Radio Guaymas, Carlos Oviedo. Heard well MM 10/14 0630 W ID to 0700 when quit. Strident man w/notes, seemingly, echo reverber on voice at times. DJ program w/ lots of mx, funnygoes and upbeat ballads. Some of that sounded like Andean mx. Fades from occasional 57 on peaks to 35 or less and moderately bad QRM. Id on both antennas. Mentioned "buena danza, canciones de Radio Guaymas" at 0655 in a message to "all men and women", at 0702 a message dealing w/transport, w/one discerned "legal ID" on the hour, at 0703 a TC "exactamente 4 horas 11 minutos" but at 0630 said "en Radio Guaymas la hora exacta 4 horas 33 minutos", was weaker and had splash from CMQ-640 then. Thought I heard Paraguay mentioned at 0645 but not sure. He asked what time was it? Implied the time was odd and it was shut out, may be due to my lack of familiarity though. Id at 0648 was exceptionally clear, as good as anything noted. Freq was measured as 644.98 and stable (within 10 Hz). Was heard again 10/15 on recheck at 0625, audio detectable on mx, but was only 35 and unreadable at best, plus W interference. Thought heard before, this was by far best reception of this station, first ID heard. (Foxworth) * ID between 0300-0312 on 10/15 to 0630-0640 w/ upbeat 1A mx and fanfares and ID by male anor. There is a lot w/somebody else on 655. Another 1A or just a yappy TV set? (Clayton) & (Tentative) Carrier and a bit of mx below QRM level 10/14 0637. (Hausner)

690 - COLOMBIA KHRZ Esquites Niece Jose, Bogota, ID, HNC; rock steady, no QRM 10/14 0725. (Hanser)

700 - HAMARI KPHR Bonelulu presumably noted w/phone in show, 534 prefix; HJ must be nailed 0640 10/14. (Hausner)

735 - SIBERIA Sibirnush in w/excellent sig between 0137-0142 on 10/13; male and female anor alternating, audio good in WNBX mall. (Clayton)
DOMESTIC Continuous carrier here, and on 737 are audio sidebands of WGBH-710's new STL using 27 kHz subcarrier on program channel for control purposes. WGBH's audio can be heard very weakly on it, but normally. 737 is a lot clearer, w/71 carrier here at all times, but still weak audio. (Foxworth)

JAMAICA BBC Montego Bay in between 1000-1005 on 10/14, 2S just before hour, then into ex, was lighting up/stuttering in Call, Colombia. And some slight QRM here. (Heald)

WEST INDIES TV3 Radio Capital, Caracas. W35 was silent at start, but when ex, many w/EE lyrics, only ID's were jingles "saga Radio Capital". (Foxworth)

CHINA (~10/11, strong hot rippling up KIBO/KGFC at 1530, trace of audio, nothing really readable. Is this the new KIBO? (Heald)

CHINA 10/8 w/drama type format, male/female anchors, music at start. (Heald)

DOMINICA See 405. (Heald)

COLOMBIA HD/2 Radio de Antioquia, Medellin 10/14, w/caribbean style SS MB at 0955 w/weak ID between records at 0957. Colombia #1. (Heald)

JAPAN JGIB Sepporo in steady around 1000-1010 7/14 w/man and woman conversing moody IRF - (Youngs)

COLOMBIA RAJ Radio de Barranquilla, "Barranquilla" hrd w/QRV 10/14, 0953. The consistency on only one word, I am rather certain that this logging is RAJ. (Hauser)

CHINA 10/9, male anc, commentary or similar, sounded more like JJ, 1358, to IS at 1400 followed by the East is Red. (Heald) China never reported on freq to my knowledge, sure this wasn't JGIB Akita w/500K? (EC)

BRITISH VIRGIN ISLANDS (Tentative) ZBOI tentatively the one here w/soul mx sequenced 0002-0021 on 10/13. Channel clear w/in the Cuban jumped up to 783. No alerts, faded for ID. (Foxworth)

CHINA here again, Pidel's fiddling w/the tuning control again; noted on 10/8 and 781.9 w/commentary or ex between 0106-0200, later he moved to 783. (Heald) * 10/4, 0605 and AN, SS talk about BDA: "... aqui en la Habana ..." no doubt BDA can produce the exact frequency, but its nice to hear that it far from 780! (Hauser) * Noted here w/strange ID. 10/4, 0245-0315 w/oldfashioned ex which resembled EL mx. They completely covered the noise and QRM. (Davenport)

NETHERLANDS ANTILLES PJB Eosraire noted 10/14, completely covering CWK w/EE religious programming until 0508 then until apparent 0454. (Davenport)

WEST INDIES 10/11, barely audible way w/KIRI at 1430, male anc, sounded like their nightly EE lessons. (Heald)

VENUEZUELA TV19 Radio Sensacion, Los Teques, ID and 4:10 CT at 0608 10/14; rock mx; 166/min. (2.4 Hz) SAH w/WCDS, which was millable; another ID, CT at 0812. Is TV19 listed as 50 kw, but not often heard here. (Hauser) * In with parts of this freq band ex on 0833-0840 on 9/29. (Youngs)

JAPAN JQOT Ngibawa heard well MB 10/7 at 1300 dr/womctic essay opera in JJ. (Foxworth)

SPAN RHE Marica good sig at 0045 10/13 mentioning Radio Nacional. (Foxworth)

VENUEZUELA TVOL Radio Junin, San Cristobal 10/14, solid w/mx at 0933, considerate of Kissera's travels, instead of spot at 0940, back to sx. (Heald)

ESPANA RAJ101 Radio Zaragoza in w/soccer broadcast or speech between 2320-2315 on 10/4, audio clear, only one ex with all narrow ID, but no spots, from 0916-0928. That should be #1 rocker inoon ZAH. No wonder no spots, no business. (Heald)

SAN EYANDS (Tentative) ECIQ Las Palmas, tentatively the one here w/female in SS 2300 10/12, slow ballad, fair sig. Recheck at 0001 showed carrier still there but I must have missed off, if any. (Foxworth)

RHABANDA wrk. "Lider on cbrace" w/WWL ID after 7on "pentu", 0305 10/6, w/erf, NA; excellent for a harmonic, on 2200; INFO 34454; also 10/10 as early as 0305 33453, better than TGBA, a fundamental on 2360; ID giving 1100 hrs; this early, no TGBA x2 QRX. (Heald)

GUSTA RICA TVISU Radio Capital, San Jose taped for report on 10/15 at 0500 w/ID. We got them before they came on, noted again on 10/19 w/fair signals, still on 1125. (See item below) (EC)

GUSTA RICA Radio Capital de Costa Rica as of 10/14 moved here instead of 1120 from 112c, close enough to 1130 to produce a SAH, so not likely a drift. 0700 giving phone 22-56-79 for requests, S37 ID; on top of Tr, other CGI, but its clear channel days are over. (Hauser)

XIMEN noted w/normal MB ID on harmonica 2280, 1216 10/13 after switch to day pattern. (Heald)

VENUEZUELA TV19 Radio Frontion, Antonio del Pachir, between 2302-2307 on 10/4, weak to fair level about 5ft, w/male and female speaking and giving ID and spots, with a major chord on xylophone. (Clayton)
The Sunspot Cycle - Analysis and Prediction
This is another interesting article from C4. It is written by T.J. Cohen and P.R. Lintz and appeared in the March 1974 issue, page 24. In this article the authors present a new method of analysis of the sunspot data, that has been recorded on a regular basis since 1750. The method is called Maximum Entropy Spectral Analysis (MESA). It requires no assumptions to be made regarding the behavior of the data series outside the interval analyzed. The only assumption implicit in all of the analyses is, that the driving mechanisms for the sunspot cycle, whatever they may be, exhibit periodic behavior.
MESA is of considerable value where short time series are encountered, and the resolution of MESA is striking, which is demonstrated by an example in the article. Application of MESA to the 1-12 month running smoothed sunspot numbers from the years 1750-1971 yields a periodogram with peaks corresponding to periods of 90.6, 11.2 and 9.9 years. The latter two periods are separated by 0.01116 cycles/ear corresponding to a long-term undulation in the sunspot cycle of 179 years. The existence of a long-term periodicity has been postulated before, among others by Carruthers in 1973, who postulated 178 years. MESA shows however, that this periodicity arises not from a primary long-term excitation function, but rather from interference between two excitation functions having about the same frequency.
If the above result is used for predictions, the following results are obtained:
1) The current cycle will exhibit a prolonged decay, with a null-to-null period of nearly 13 years. The coming sunspot low will therefore not be reached until after 1975, and possibly as late as the summer of 1977!
2) The next cycle will have a rather broad peak, possibly reaching its maximum in late 1982 and minimum around 1988.
3) Smoothed sunspot numbers in excess of 100 will not be observed again until around 2015.
In sum the next 40 years may be characterized by relatively low sunspot activity.
Domestic

editor: Wes Boyd
990 W. Liberty
Girard, Ohio 44420

216-345-4543

Midnight to Sunrise

540 WDAR GA 10/6 w/ RR 0258, no ID on fre, (fell asleep)
& Fogy was saying was this (SHAFT) They be C&W when I hear them---WHB

580 WTAG MA 9/28 Noted in WAGA null w/ Red Sox Bu, no ID (SHAFT)
XVR CA 10/8 w/ EZ mx & ballads,Jx & NBC nX 0700. No sign KXZY/KFZD (BV)

*590 WBSX PA 10/6 tele-talk 0125-0130 then live PSA, followed by "HAPPY AUGUST" then s/off 0132 giving WGOO n/o-no ID (SHAFT)

690 CBU BC 9/22 Noted first time this season 0235 w/ usual schmutz mx.
(SHAFT) Are You Kiddin?? Took guys in this area couple years ago to
cibu out from w/ XETRA's schmutz mx, sure it wasn't them??--WHB

710 WOR NY 10/14 Noted off 0203 or before, only CNN & unit RR left (HWS)

060 KOTM OK 10/13 Alone in Dr, no sign of usual 85 pest
that lives here--maybe a SP for them?FEB

910 UNID 10? 0200 off/none w/ WSHA-KLGC-WFPR-WWORD etc. (HV)

950 KGAL OR 10/6 RR then s/off 0500, think is regular w/off-not NSP (BV)

950 UNID ?? 07? Tune in 0135 for TT thru apparent w/off 0155--no ID heard, for this state. (SHAFT)

970 WAVE NY 10/15 Found 01U WW SN 0505-0507 w/ NBC nx, then RR (HWS)

990 WNOX TN 10/6 Got good ID 0158 w/ WIBB-was RR (SHAFT) Super pest--WHB

1080 KRLD TX 10/12 Strange, but way of WTIC 0205-0215 w/ CBS nx & EZ listen-
ing mx. (HWS)

---1150 WGNW TN 10/6 This on another ET w/ RR mx 0103 (KDF)

XXIR AR 10/13 Smashing freq. 0530-0530 w/ live mx by anect, w/ super
typical southen accent, then C&W mx--(HWS)

UNID ?? 09/28 RR mx till 0500 & lost to WSSL s/off, no ID, Some say is

monthly, I think they were all mx?; I hope they found them?

UNID 09/28 MX 0500 w/ no mx, band seems to be CSK, from New York

1250 WSBK NH 10/3 Noted this o/u WIAE 0235-0250 w/ RJ mx (JS)

1250 WALM H1 9/30 ID outta the mess 0730, almost all here, after local SR. Is

this really only 500 wt?? (SHAFT) Sure in--HWS

1250 WILK NY 09/28-Nova, stuff 0304-0310, ID=ibn 0304 & 0310 (SHAFT)

+ KIHL CA 10/7 S/off 0200 end & giving WGOO-GWTO 0830 (SH)

1330 WTRX MI 10/6 W/ RR 0147-0150, several IDs here, (SHAFT)

WH0T OH 10/6 Finally thanks to HWS/VA this 0152 w/ RR & IDs that

sounded lik WLOT, Big Al Knight (sounded like Cousin Brucie).Again

0225 w/ RR, local wx etc., this & WTRX in WFCN null (SHAFT) So 7--HWS

1340 WULF WI 10/15 Got on TD on 0150 w/ RR mx 0505-WJUL (HWS)

WMID NJ 9/23 Poor 0503 in WJUL null w/ ID & RR (KDF)

WRIJ NC 9/30 On ET w/ TD every min. Noted 0500-0544 (TR)

WTBN PA 9/28 w/ C&W mx 0515-0547+, Took dedications on local & Alvoma

phones line, Fair sig. at peaks (TR)

+ WNSR PA 02/2 w/ M-Cornet WRX FM 106.9 (TRX) CHANGE!!

1560 WIXX PA 9/30 w/ MSB & Ace mx 0652 (SHAFT) Does that mean both at

once, a eary, or Mutual late??--HWS

1580 WJGO MD 09/21 TN 0701 as "WEHB-Black Rock Radio--Baltimore". Then R&B,

Ignored at first as thought was WCBS (SHAFT)

1700 WGOO NY 9/29 Hid & ID's 0700-0730 on several (SHAFT) So what??--HWS

WTTS IN 10/12 S/off w/ SSID noted 0158 w/ WBD (Who else??)--(HWS)

1390 KJFO MD 9/26 This one poor w/o any anect.0101, then SSID (KDF)

WEED NC 9/30 Hrd, mx, sports, ID & DRUG PSA 0040 (SHAFT)

UNID ?? 09/28 Someone noted w/ C&W mx 0614, maybe CHECK?? (SHAFT) at

that hour could be one of 6,000 dailymen there--(HWS)

1410 KJHG TX 10/2 This on WING 0201 then ID's and a note (KDF) Buzz off!!--WHB

1460 WCMB PA 9/33 Hrd, s/off 0439 w/ WNSW (KDF) Any SSID??--HWS

WEBS OH 09/28 w/ Sports & WNSW TD 0610 (SHAFT) Boy, will RBE be sure

when he hears you heard this "foul" one!!--HWS c/PJH; Hrd at 14-90 & LK

1480 KRED CA 10/6 TD 0632, think was various powers as varied s 5 to 7--S

& off. Female singer 0730-0800 then ID as on maintenance & off(RV)
**BULLETIN**

(MONTGOMERY, ALABAMA) — THREE WHITE-ROBED BLACK MEN FORCED THEIR WAY INTO RADIO STATION W-A-P-X IN MONTGOMERY, ALABAMA TODAY, FIRING VOLLEYS OF GUNFIRE WHICH LEFT AT LEAST ONE MAN INJURED. THEY SURRENDERED ABOUT TWO HOURS LATER AFTER POLICE RILLED THE STUDIOS WITH BULLETS AND TEAR GAS.

UP! 10-12 01158 PED

**NOTE:**

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.
YOUR EDITOR HAS HAD TO WORK MUCH OVERTIME THESE LAST FEW DAYS AND SO SOME OF THE MUSINGS UNFORTUNATELY HAVE TO BE HELD OVER TO NEXT ISSUE. SAD OVERVIEW INVOLVES A LOT OF EYE STRAIN, WITH A TOUCH OF GLAUCOMA, ACCORDING TO OPTOMOLOGIST, AND ALL THIS EXTRA EYE USAGE, THE NEW POLICY BEGINNING NEXT ISSUE WILL BE TO HOLD CONTENT TO 500 WORDS OR LESS, SO DO NOT BE SURPRISED IF THE BOOKMARK BOX FOR DOUBLE SPACING FOR THE NEXT 2 MONTHS OR MORE TO SLOW DOWN AND SAVE THE EYES. RATHER THAN FILL THE BLANK SPACES IN THE SMALL GROUP OF MUSINGS ALONE, THERE ARE THREE OTHER MUSINGS TO BE TANGLED WITH. REMEMBER, THIS IS THE LAST TIME THEY'LL BE PUBLISHED.

BOB FOXWORTH - G.P.O. - Box 2111 - New York, New York - 10001

The ionospheric gods released their fertilizer on the F Layer Sat. eve.

10/12 long enough for a moderately good DX opening to occur, breaking through the two week spell of quite bad DX. Signals from the Americas peaked around 5am but by 11pm had turned Aurora, & Ts were gone again.

Other good date was 9/27 & 9/28, when a strong signal was heard @ 6:05pm west/Atlantic-sounding - Michael Wood was setting right next to me & we both thought it was a high power beacon until it died away. Unfortunately the first two were here by late August, & would've been missed if not for the strong signal.

9/9 was a very good one for the Ox. too, with WWN-300 on top @ 9pm & WWN-110 heard well, along with St. Pierre -175 at very good level. Also CHX-750/S/CHL @ 8:30 & CHRL relay, quite distinct & real thrill - this on the 1W as well as 10.

DEAN JARRETT - 1419 Shippman Avenue - Stamford, Connecticut - 06902

I'm back on the air, as a period of distractions during the Summer. DX is definitely best on the good winter. 9/27 WWL-2500 on 5m Roy in his usual position, or 9:30 in the form of WWY-1500 @ 7:45pm up from the jumble. 10/4 represented the great Caribbean openings with SSW1 & "Radio 725" in a short DX session.

The DXer is now resident in the other language that did not sound like Dutch. Falina-650 1110 in on W&K & sports, TSNG-1750 in on 5m, & WES-1500 in on W&K & sports. Recent veers from WNL v/1 & GM, WNL w/q & nice v/1 & GM, restored stamp, & WNL w/v/2 for 6/7/9 reception of their Delimiter for the AMG Cancer Society. They have unusual v/1 off & midnight on, but were on AW this particular date. Other veers in past month include v/q from CHX, WDL, WNL, & WES. W/1 from WDL, WTL, WNL, WES, & WNL w/800 on.

Total logged now is 858, veers have crawled up to 220. I'm looking forward to the possibility of DX at the WWL-2500 in Bloomington, Pa. very friendly CS there, Bob Fulton, originally from Reading.

Notes from Wes Boyd & Dave Schmitz really appreciated. They make belonging to NHC more interesting. To date I have a rather isolated QSLer with little contact with other club members. I hope to keep active in great Club - good DX.

LARRY S. DAVIES - 1103 North Street - Yreka, California - 96097

On 10/6 I returned from a trip through Nevada, Utah, the SW corner of Colorado, NW New Mexico, the E & S parts of Arizona to San Diego and N through the Central Valley of California back home. During the trip I heard DX and NB in almost all DX.

I listened to the radio more on the road than I do here at home, with five sets available. MM 10/7 WAVE (Three-w) on the hour, MMX on the half hour, local & sports in between. (Sounds like typical Sunday morning!"

I'm looking forward to the possibility of DX at the WWL-2500 in Bloomington, Pa. very friendly CS there, Bob Fulton, originally from Reading. Notes from Wes Boyd & Dave Schmitz really appreciated. They make belonging to NHC more interesting. To date I have a rather isolated QSLer with little contact with other club members. I hope to keep active in great Club - good DX.
What Happened In Toledo You Ask?-Or Would You Believe A Convention Report?

By Gary Siegel (Because he was designated to be info man at a pre-convention meeting he was late for)

Toledo in '74 or in actuality Perrysburg in '74 is now history. For those of you who attended this will represent a bit of nostalgia and for those of you who couldn't make it- eat your hearts out or make it to Hartford next year!

As best put by EWB or was it JS, Toledo will not be the same again because the NRC was here but somehow we will survive. The convention began Friday, August 16th with only a tour of WTOD-AM and WKLR-FM scheduled. We had about 15 early arrivals and only 5 members went on the tour, actually 6 if you want to count me, but I imagine a few members will not want to count me so I won't, hi! Anyway it was a fine tour I thought, lasting roughly about 35 minutes. I believe those attending were, Brian Pitman (thanks for your kind letter-I didn't forget,honest!), George Sherman, Bob Boettler, Rich Eddie, and Robert (Save the Netherlands) Kramer. After the tour the carload of us picked up Mark Katz at the airport and enjoyed a 15 mile cramped ride back to the motel. Exciting so far!

Don Erickson was our first arrival and helped us put together the convention program. Thanks KEES!

Saturday was the busy day indeed. At 1 p.m. a tour of WTV (ex-WTDD) was conducted and lasted roughly 2 hours with those attending getting an explanation of the complex day and night patterns that WTV uses in order to be legal and be on the air. I would like to acknowledge both Bill Manders of WTOD and Lon Mitchell of WTVU for granting the tours and being patient through all the questions, etc. After the WTVU tour, my group sought out a drive-in in Maumee, George Greene's group went back to Ramada, and Al (WAWO) Grizovieb's group went somewhere else or got lost, I'm not sure which.

Technical sessions were held that same afternoon and were conducted by Dave (Grotti) Fischer and Ron Schatz. I noticed that most everyone was
listening intently and some very good questions were asked. As a matter of fact Russ (RJE) Edmunds had to clarify or assist with some of the explanations because the questions were so good. Audio quality and rapid playback methods of recorded DX were some of the topics handled by these experts.

After a brief recess, the banquet was held and attended by 49 of us. A total of 54 people were registered for Perrysburg '74 according to Frank (Wabash Marion) Merrill. According to this same very trusted person we had a run on the roast beef which was one of the meat selections available. You people don't like fish or chicken? Whatever happened to that boycott on beef anyway? Following the dinner, Royce Woodward of Woodward Frequency Measurements Co. in Mount Vernon, O., gave a well received address on his work and his experiences in radio work. Many questions followed.

The DX quiz- a brain child of Frank Merrill and yours truly was pondered by the "knowledgeable" convention goers. Prizes we awarded for the top two finishers. (A clock and a bathroom scale). Top prize went to Dave Grimm of Akron, a member but a DXer nonetheless, Dave was the beneficiary of having his score doubled because he was a non-member. He had a good score even without the bonus. Ron Schatz was second and claimed the scale. (Don't get any heavy DX catches, Ron, hi!) Ron nosed out George Greene by a half a point to get the scale. George would have won it had he not brought his friend Dave to the convention. Seems that Dave had to leave the convention early and was unaware that he had won first prize. George was forced to swallow his pride and take the prize to Akron and deliver it personally to Dave. Sometimes you just can't win for losing, right George?

The business meeting followed and publisher RJE was there to discuss details.

The annual NCR auction followed and was handled by "professional" auctioneer and big radio person, Mr. WCL himself, Al (WAWO) Ogrisovich. He had the pleasurable job of keeping the bidders interested in a never-ending stream of survey packets and old magazines. The highest bid item was a Texas license plate with lettering N R C on it. It was claimed by license collector Wayne Plunkett for $8.50. He had to fight Frank Merrill off for it as Frank wanted it, also.

The DX expedition followed and netted yours truly 7 new stations doubling my total for the month. All this while Dan (da midget) Myers was falling asleep in the back of his station wagon. He was awakened by a loud outburst of noise from some surprised listeners when KNNU Seattle was heard with a clear ID well over WAKR. Dan in his determination to hear KNNU forced all of us to stay there 45 extra minutes so that he could hear them, too.

That wasn't very nice Dan we were all tired as hell!

That same a.m., according to rumor, Robert Kramer, head of the Toledo-Perrysburg Convention Havoc Committee, is said to have streaked the Ramada Inn. Can anyone verify this? If so you will truly have a unique QSL!

Sunday was a day of departure for many of the members, but for those who stayed Dan (da midget) Myers surprised everyone by staging a pre-beverage picnic at his house. Everyone there enjoyed the snacks and drinks he had available.

From there it was on to the beverage site again for some SSS and MM DX. Some good receptions were logged such as KNEB 960, KGAR 970, KLG and KTOP 1490. It was a quiet morning except for a persistent cricket who despite repeated attempts at silencing him by Jerry Bond, Bob Hostettler, Frank Merrill and me continued to do his thing. I believe that cricket was doing it on purpose, hi!

Robert Shaffer, a Toledo DXer got off work specifically to partake of the DXathon but never made it as he could not find anyone at the motel that Sunday evening. (We were all at Dan's but he didn't know it.) and wasn't able to contact anyone who could have told him where we were at. He didn't know the exact location of the beverage site so had to be content with DXing at home. A tough break. Robert, by the way, works at WMRE-FM where Toledo is
pronounced Tol-A-do by one of the staff members. He's in the wrong country.

Frank Merrill informs me that he was running around xtrading radio T-shirts. Literally tearing the shirts off the people's backs! Frank isn't that carrying the collecting hobby a bit far?

In regards to Toledo-Perrysburg being the easternmost "western" convention, this statement was predicated on the fact that Coors beer was imported by Frank Merrill, Dan Myers, and Don Erickson on a visit to Wichita and was served as part of the beverage selection.

In case there is anyone in the DX world who doesn't know about Coors beer, I can't imagine a DXer that doesn't know beer but I suppose there are some. It is made and sold only in the western states, thus the "western" connotation to this convention.

That's Toledo '74 folks and if you missed it wait 50,000 years and it might happen here again (like Comet Kohoutek) or you can attend the '75 NRC gathering in Hartford. See you there, 73s.

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The following is a complete list of those registered and attended Toledo-Perrysburg 1974.

54 Members by State and Province

<table>
<thead>
<tr>
<th>Location</th>
<th>Number</th>
<th>Names and Cities</th>
</tr>
</thead>
<tbody>
<tr>
<td>California 2</td>
<td></td>
<td>John Clements, North Hollywood; Don Erickson, Riverside</td>
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<tr>
<td>Connecticut 2</td>
<td></td>
<td>Frank Isley, Preston; George Kass, (West Haven)</td>
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<tr>
<td>Florida 1</td>
<td></td>
<td>Ron Schatz, Vista; Miami</td>
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<tr>
<td>Illinois 3</td>
<td></td>
<td>Robert Kramer, Chicago; John Gilliam, Mt. Vernon; Karl D. Forth, Villa Park-Chicago</td>
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<tr>
<td>Indiana 3</td>
<td></td>
<td>Charley Kiefer &amp; Al Ogrizovich, Fort Wayne; Phil Swingley, Manzie</td>
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<tr>
<td>Kentucky 3</td>
<td></td>
<td>Don Egger, Bowling Green; Gary Atkins &amp; Dick Trux, Louisville</td>
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<tr>
<td>Massachusetts 2</td>
<td></td>
<td>Mark Katz, Brookline; Glenn Cooper, West Springfield</td>
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<tr>
<td>Michigan 3</td>
<td></td>
<td>John Dailey, Ann Arbor; John Robertson, Croswell; Richard C. Evans, New Buffalo</td>
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<tr>
<td>Minnesota 2</td>
<td></td>
<td>Bob Hostettler, Minneapolis; George Sherman, Rosemount</td>
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<tr>
<td>Missouri 1</td>
<td></td>
<td>Richard T. Edie, Webster Groves-St. Louis</td>
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<tr>
<td>Nebraska 3</td>
<td></td>
<td>Carl &quot;Skip&quot; Dabelstein, Lincoln; Ernest Wescosky &amp; Dale Whitehead, Omaha</td>
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<tr>
<td>New Jersey 3</td>
<td></td>
<td>Bob Stonier, Glen Rock; Russell J. Edman, Parsippany; Joseph Pfeil, South Plainfield</td>
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<tr>
<td>New York 2</td>
<td></td>
<td>Bev Kromh, Buffalo; Jerry Bond, Rochester</td>
</tr>
<tr>
<td>North Carolina 1</td>
<td></td>
<td>Dave Picther, Hickory (R. S. Station?)—do you know what this means, hi?</td>
</tr>
<tr>
<td>Ohio 17</td>
<td></td>
<td>Far and away YOUR LEADER! George Greene &amp; Dave Sizemore, Akron, Mr. &amp; Mrs. Henry Wesly Boyd, Girard, Mr. &amp; Mrs. Jerry Starr, Hubbard; Ed &quot;Motley&quot; Krejny, Middleburg Heights; Geoffrey Fox, North Olmstead; Jim Wallace, Olmstead Falls-Cleveland; the following are all from Toledo; Gary Sliegel, Frank Merrill, Dan Myers, Jerry Ness, Richard Roush, Robert Shaffer, William Shaffer, and Fred Voghe</td>
</tr>
<tr>
<td>Pennsylvania 1</td>
<td></td>
<td>Tom McCoraiw, Quakertown—not a better name.</td>
</tr>
<tr>
<td>Virginia 1</td>
<td></td>
<td>Al Merriman, Fairfax—his car was safe here, hi!</td>
</tr>
<tr>
<td>Ontario, Canada 4</td>
<td></td>
<td>Jeff Falconer, Clinton; Dave Whitmarsh, Hamilton; Brian Pitsan, Kingston; Wayne Plunkett, Weston.</td>
</tr>
</tbody>
</table>

THANK YOU ALL FOR COMING AND WE HOPE IN TOLEDO HOPE YOU ALL HAD A GOOD TIME!!!
Another meeting of the Southern California Area DXers!

Yes, all DXers are invited... to... exciting POWAY!

The big date is Saturday November 23, from nine AM until whenever. One day only- this is the Saturday before Thanksgiving weekend.

See an actual radio club put out an actual bulletin! See exciting Poway! See all kinds of groovy receivers, electronic gadgets, and your favorite DXer friend! (Can you dig it??) See John Kolb clean up his DX shack so you can get into it!

For further information, contact either John Kolb, at 12532 Arabian Way, or myself at the above.

Phone numbers are: John 748-6405  Grant: 748-6538  566-1264

There will be a $1.50 "registration" fee at the door, or before, which ever is convenient.

Please let us know if you plan to attend!!

Attached is a map, hand drawn even

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**Riverside**

POWAY RD. 4 MI >

 SAN DIEGO (9 MI)

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Z Y B - 2 0 6

Rádio Sociedade Educadora Cariri Ltda.

Z Y B - 2 0 6

1000 KHZ

2813 Metros CRATO — Rua Cel. Antonio Lutz, 1068 — Fone: 688/5 — Cs. Postal: 57 — CEARÁ 190 Metros

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NRC THANKSGIVING DX GET-TOGETHER IN NORTH JERSEY

WHEN ?? Saturday November 30 at 12 noon to Sunday December 1 at 6 pm.

WHERE ?? The Mountain Motor Inn, Route 46 Eastbound, Rockaway, N.J.

HOW MUCH ?? Registration fee, which pays for the meeting room, will be about $5.00 per head. If you wish to sleep over, contact the Motel directly. Meals will cost you extra, M.

WHY ?? The NRC has sort of traditionally held a Thanksgiving Get-Together in the New York City area for many years. You get to meet other NRCers, discuss DX & related topics, see some equipment, DX in North Jersey, etc.

HOW DO I GET THERE ??

**From PA & points west via I-80: Leave I-80 at the Rockaway-Hibernia exit, and follow the signs to Route 46 Eastbound. Follow Route 46 a few miles past such places as Rockaway Sales & Shootown until you see the Mountain Motor Inn on the right.**

**From N.YC & points North & East via I-80: Leave I-80 at the exit marked "Cherry Hill Road, Route 202, Mountain Lakes", Follow Cherry Hill Rd. to Route 46 West, where you turn left. Follow Route 46 about 6 miles thru Demville, and back under I-80 again until you come to the Mountain Motor Inn on your left.**

**From Points South: Either take the G.S. Parkway or the N.J. Turnpike North to I-287. Follow I-287 North through Morristown (we anticipate that the road thru Morristown will be done by then, if not, follow the signs back to I-287) to the exit for Route 46 and I-80 East. Go directly to South Rd., and then to Route 46 West. Then follow the directions above for coming in from the east, except that it's a mile yet to get to the aforementioned Cherry Hill Rd, from where you get off I-287.**

**From New York State, Western Mass., and other points North: Follow the Harriman (N.Y.) Thruway to the connection to the Garden State Parkway South. Proceed to the exit for I-80 West, and follow the directions for coming from the East; or Proceed South on I-81 to its junction with I-80 in PA and follow directions in from West; or if you really want to see some scenery, follow U.S. 202 South from Route 17 to Route 46 and proceed as for directions from Points South, or take N.J. 23 South from High Point or whatever to N.J. 23, and then south to Route 46, and follow it via directions for westward-origination to the place.**

BRING YOUR RECEIVER, LOGBOOKS, VERIES, TAPES, TAPE RECODERS, SLIDES, PROJECTORS, AND OTHER DX STUFF IF YOU LIKE.

There is a restaurant and bar in the motel, and there is a less-expensive, and pretty good pankake house just below it. There's also a cocktail lounge and package store across Route 46, and there's a smallish Lafayette radio affiliate store next to that. Nearby Demville sports a very good retail electronics supplier, as well as our illustrious printer's shop.

MAKE YOUR PLANS NOW TO ATTEND, BUT BE SURE TO LET US KNOW AT HEADQUARTERS IF YOU ARE COMING, AS WE NEED TO KNOW HOW MANY FOLK TO EXPECT. HOPFULLY EVEN SUCH MYTHICAL CREATURES AS BOYD, STARR, MERRIMAN AND MUSCO MAY BE THERE!