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Convention Headquarters: 2509 D Ave. NE Cedar Rapids, Iowa

Volume 32 - Number 34 Concluding our 32nd Year of Service to DXers August 2l; 196:

Enclosed is a well-spent $\$ 4,00$ for another fine year in the NRC. DX NEWS has helped my logginge and veries tremendously." -WILLIAM H, RENS - Cincimati, Ohio

CONVENTION AT HAND:
Tep, boys, it's only a fow days away now! Are you coming? mherets still time to decide in the affirmative, and when and if you do, youll be voting for a great weekend of DX fun and rerriment in Cedar Rapids. Elsewhere in this issue you will find more details and Bob Gorsuchis \& Len Kruse's invitation to come to the friendly Iowa city over September 4-5-6 Labor Day Feekend. There will be, from the looks of the mail, a fine crowd of avid NRCers there, so why don't you swell the throng \& at the same time have yourself a real BALL? A word also about the EATS - they'r re great! Steakr You bet - a real specialty in Iowa, along with that staters famous corn. So, come on to Cedar Rapids, and see the rapid way you'll have continuous enjoyment?

INEXT YEAR'S CONVINTION
Have those bids in to eltoer Jom Callarman or one of the Coopers, if you do not plan to be in Cedar Rapids, for it is there where it will be decided as to the site of next year ${ }^{1}$ ह Convention. Also please be informed that those making bids for various cities are AUTOMARICALIY accopting the responsibility of PLAYING HOST - that is, making the fortel/motel arrangements, the dinner plans, and Convention tours \& sidelighte. NRC has no Convention Committee. It is the member or members in the city suggested who do the work of arranging the whole shebang, you know! This yeart LAN KRUSE, doing the honors for the seoond time. Who will it be next year? It will be announced in the next issue of DX NEWS, Volume 33, Number 1, to be dated September 18th. Deadines will be Monday $9 / 13$ in Pampa \& 9/14, Tuesday, in Brooklyn, \& ei ther date (not sure) in Punxsutawney. SEE YOU IN CEDAR RAPIDS, we hope!

|  |  | Selom, Ohio |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 600 | WS OM | Selom, Ohio | NRC | 1450 | KDNT | New XR site | FCG FCC |
| 680 | WPIN | Now Antenna | FCC | 1450 | WPFP | New Antenna | FCC |
| 1050 | WCEF | New Antenna | FCC |  | KVSI | Montpelier, Idaho | NRC |
| 1060 | せ N L V | Ex-KNLB, Ord, Nebr. | NRC | 1460 | HYAC | New Antenna pattern | FCC |
|  | K L MO | Neve 10kw, D-1;ex-1050 | FCC | 1490 | WSTP | Now 1,000/250 U-1 | FCO |
| 1080 | CKSA | Ex-1150 | NRC | 1510 | W KPO | Prentiss, Mississippi | FCC |
| 1220 | WOAH | Ex-mMET ( $\mathrm{c} / \mathrm{w} \mathrm{mx}$ ) | NRC | 1530 | W UPR | Now 1,000/250 U-I | FCC |
| 1240 | K D 玉 C | New Antenna | ERC | 1540 | RNUS | Ex-KBVU | NRC |
| 1290 | WD ${ }^{\text {W }} \mathrm{C}$ | New Antenna | FCC | 2550 | TYNX | Ex-mIEMA | NRC |
| 1340 | TJOI | New Antenna | FCC | 1560 | WQXR | Now 50,000 0-4; daytime |  |
| 1400 | K J D | Now 1,000/250 SH-1 | FCC |  |  | pattern used until SSS | at |
| 1450 | K○RE | New XR site | FCC |  |  | Bakersfield, Cal. | NBC |
|  |  |  |  | 1600 | K W O W | Now 5,000/500 U-I | FOC |

[R, THE NEXT ISSUE IN FOUR WEEKS, DATED SEPTEMBER 18? AS WE SNING INTO OUR 33rd YOUR EDITOR WILI BE STAETINO HIS 2lst YRAR IN TRAT FOLE. WE'LL BE LOOKING FOR YOUR USUAL FINE SUPFORT TGROUGHOUT THE COMING DX SEASON. SEE YOU IN CEDAR RAPIDS:

Ray Edge has now completed his year as Treasurer of our club. You will recall that we persuaded Ray to continue on for another year as Treasurer in order that we might keep the club address at Buffalo, and to allow for a gradual change to Kittanning. This has been a big help in keeping the club functioning smoothly.

EFFECTIVE AT ONCE club headquarters is changed to: NATIONAL RADIO CLUB
P. O. BOX 223
kittanning, PENNSYLVANIA 16201
Remittance of dues, address changes, orders for supplies, requests for sample bulletins, should be addressed as above. We would appreciate all organizations with which we exchange bulletins to please report this address change. Our Buffalo address will be maintained until January 1, 1966, but only to receive mail from sources who may not have been notified of the change. The club office will be at 471 Noxth McKean Street, Kittanning, Pa. DXers are always welcome to visit!

## DUES INCREASE

During the past months we have talked about a dues increase to accomodate the enlarged editions of "DII NEWS". As antioipated the club will wind up about. \$300. in the red for the past year. We could operate a deficit because we had a surplus at the start of the year. Many of you have expressed a desire to keep "DX News" as it is and agree it is well worth a dues increase. Accordingly it has been decided to make the dues increase as folliows:


If your dues expire on or after August 31, 1965, the new rates will apply. For a very few of you who have paid dues in advance, we will work out an adjustment and give your account proper credit.

## BULUETIN SCHEDULE

The increase in dues was based on our actual costs of the past year and agreement on a definite schedule for the coming year. The bulletin will be Iimited to thirty pages for 21 issues, and will be limited to, twenty pages for 13 isssues. The twentypage limit will prevail on alternate weeks when the weekly schedule is resumed. When this schedule becomes effective, the editors will announce their conditions and we anticipate your $100 \%$ cooperation. This arrangement for publishing is necessary not only to control our expenses, but to keep a check on the WORK LOAD.

## SUPPLIES

It is necessary to increase the price of report forms and letterheads at this time. The club has made these available at a $v$ ry minirum price in the past, but must now yield to rising costs. The following prices and conditions are now in effect:

LETTERHEADS AND REPORT FORMS - MITMUM ORDER - 200 for \$2. 25 POSTAGE PAID. Additional $\$ 1.00$ per 100. Minimum order may be for 100 of each if desired. On orders for 500 or more ( $\$ 5,25$ ) we, can now imprint your name and address.

SLIPS EXPLATNTNG THE DX HOBBY . . $60 \phi$ per 100 until the supply is exhausted.

## CHANGE OF ADDRESS

In the past the club has made a charge of $15 \phi$ for an address: change. Some of you have neglected to send in this $15 \phi$ when you change address, no doubt because you forget it or, in case of our many new members, probably because we have neglected to inform you. To make less office work, we are dropping this address change charge as such, but will make the same $15 \phi$ assessment at the time your dues expire. Also, the club must pay $8 \phi$ for each builetin returned because of incorrect address, then additional postage the it. it going $t$ track of this expense in the same manner and wil bify you athe time y in expire. We think this arrangement will se $h$ ends 1 It wil nate the need to remit small amounts in the mail ana will save us some time in narouing at this end.

7/5-Posalble $58-1460$.9 3:35, who?. UnID g/on-1410 \& 4am, was ESI, high was 850, low 600 , calls like WIZE; Taped 850 through 4:30, hoping for an ID, \& gotit, I think, as Radio Carve, CXIG, still tentative, my $S S$ is rotten, bat second new country tinis week. HJDK-750 very high, unID s/on or 1020 ea 4:56, one of the YVs, I think it!'s Railo Calendario" becaise of no chimes for NX as YVQB has; WKOS -1370 s/on $\sim 5: 02$, HJDK still around at $5: 30$. The ITGA Convention dates are August 20-23, at the El Cortez Hotel in downtown San Diego. A Tijuana junket, to XETRA \& KERB \& a beach party are the feature attractions. While down in Tiguara, Larry, Randy \& I visited XETRA. They are noving their XR domi towards Rosarito, right next door to XBRB, \& w/a six tower array, will bear towards Los Angeles. They're trying for daytime reception in San Francisco, probably around 100-120in pointed toward LA.

Feany J. Thilkinson Jr. - 6620 Beman Aveme - North Hollywood, Califo mia
This is to amounce that I hive already notified John CaIlarman that I am no longer handing the "Stipremacy Ratings" and "Award Certificates" for the NRC. For nine of the past ten years I've been working on the night shift \& for many weeks. I worked six ph nights out of the seven. This of course has curtailed the social activities of my wife \& me. Anyone who works nights will know exactly what I mean. In a very short time, I expect to be working days \& my wife \& I will finelly be able to live like "regular human beings." In order to nave more free time to look forward to, so that my mife \& I can resume our social activities, I have decided to $D X$ on a limited scale a to curtail az many associated activities as possible. We have been married for over 25 years \& not once has she complained about my hobby. In fact, she feels that it is a wonderful hobby. However, in the future, we expect to do some traveling every chance we get, \& , to be very frark about it, I really am looking forward to this. I've enjoyed the work of handing "Supremacy Ratings" \& the "Award Cortificates" \& Itm quite certain that Jom callarmen will be able to find another member who can do as well or even better. I've handled "Supremacy Fatings" since 2960 so now it is someone elsets turm. Thanks to all of you who cooperated so fully for the past five years. May the NRC Convention be a huge suecess. (To say two jobs well done would be a gross understatement, Hank, so let me just say a great big THANK YOU to you! -ERC)

> Ieo Fox - c/0 United Xeno Hili Mines - Calunet Camp - Elsa E. O. - Yukon

They said it couldn't be done - to cram two month's events into 30 lines, but hoteha, I shall it attempt. Several more nice foreign veries in, maybe I'Il top that magic 400 in the Foreign Contest yet. Theo Donnelly, formerly of $1 Z D$ \& not of the NZEC computer division in Mellington has sent a full NZBC sked \& net list (in IDXD) along $\% /$ up-todate ( $5 / 26$ ) NZBC changes (in IDXD). Peking sent an abbreviated progrem sked (IDXD) \& several very colorful magazines reeking w/anti-Anerican vituperation, but they didnt $t$ return my IFC. Rats. While ro oting through some old shacks at the abandoned Wernecke mine on Keno Hill (which has been closed since 131) I cam across an April 1928 issue of Hugo Gernsback's "kadio News." Lead article: "TV Comes to the Home." There was a fascinating interview w/Dr. Dee de Forest on "forecasts of the near \& distant futures of broadcasting, TV, radio apparatus \& radio ontertainment." Quote: "I have no douict that five years from row, most of the cheap jazz \& mediocre. mx which the public now enjoys will be as distasteful in the U.S. as it always has been dmong the more cultaral \& mxloving peoples of Europe." Fascinating in retrospect - the real gem was a list of all NA BCB stations, a whole 600 of them. Sample: KGCX Vida Nont. 244 m . $10 \mathrm{w} ., \mathrm{MNX}$ los Angeles, 33 m . 50 Cw ., KRLD Dallas 461 m . S00w. KDKA Pittsburgh \& WGY Schenectedy were the big guns w/an incredible 50 kw . apiece. (nisewhere in the magazine writers scoffed at European plans (German) of a better than 100kw. XR at Zoecenand (French) of a 150 kw . XR at Faris. Yss, the golden age of DX, last Vinter notwithstanding. Judging from the letters column everybody was twiddling the dials. Touldn't it be nice to live amonget poorle who uncerstooa? may pay, an insulting $\$ 1,323.36$; I snould nave a Special roady for the August issue, a list of ali BCB LA \& SA code beacon stations. Prokably many of you have heard RAB, Rabinal, Guatemala, who transmit $\mathrm{k}-\mathrm{A}-\mathrm{B}$ in Norse Code on $1613 \mathrm{kc} / \mathrm{s}$. $w / 1,200 \mathrm{w}$, one of the group. As I promised, thase (rather he, singular) wio wrote first got the stamp, but I have enough match covers for ali who write. Onward to sawson on 8/17; the 67 th anniversary of Henderson's discovery on Bonanza in 1898 . Avst \& edieu. AS THEY USED TO SAY IN NIAGARA FALLS, ONTARIO, "CHVC." .. HCONVENTION HIJINES XEXXXE VERY CLOSE." They surely are - weill see all you conventioners in just two short weeks!

WeIl, non-intentionally I entered my anmel DX slump from Mostuly \& stopped listoning. I don't want this buf it slways seems to snoak up on me for actually summer listening is just as valuable as winter even if it means anly verifying some locale. Anywty my last reported DXing was on $4 / 19$. 4/25-Sund PM, WLNG-1600 r/c-TM 11:17-11:24;50, U/WWRL; WOTT-1410, N.Y. f/C-TT \& Code 11:56-12:06am NM; WTSA-1450 Vt. 12:17-12:31; 12:51, w/
 able. $5 / 1-\mathrm{FEJ}-1440, \mathrm{r} / \mathrm{c}-\mathrm{TT}$ on time \& WPRT-960 r/c-TT very easy. $5 / 3$-WETR-1450, Va. ET w/1,000\%. w/OC/TT. WZKY-1580, N.C. 12:38-12:41 f/c-TT, 7/5-WSAB-14800 11pm s/off Mass. Good sicip from the $\mathbb{N}$ also brought CHUC-1450, Ont. 11:05-11:15 s/off on RS $w / N X$. WMAB-1450, Coni, on AN after $21: 15 \mathrm{~W} / \mathrm{pop} \mathrm{mx}$; WENJ, unn, noted first time © s/off on 1490 from N. H. No tad on AN, NPOP (looks like will stay), WING-1410 also now s/off at $2: 00,5: 30$ s/on. WCOP-1150 Mass. (used to be of Mi only); WNAB-1450, Conn. Veries have slowed down to a trickle but should soon perk up again. Latest are: v/q-CFCF' KENO (second time) WBIR \& \#ANZ-1466. v/l \& v/f - WSOC WEVA WENN KWLA KCKW WHSL (on report) WLNG TRZJ WOIT WCKI WIDD WORK (finally) WFTC KWIZ CFAM. A few answers to some questions: (from 5/L) Jim Hicks, your call which sounds like WHAR-1590 is probably WARR-1590, Akron. Ev Johnson, though I'm not an old timer I agree on waiting at least three montins before sending a f/up - many stations are just slow. John Cal larnan, what has happened to the station list the NFC was going to compile - is it still on? Trin a volunteer if you will send me the info on what to do. From $5 / 22$, Den is Korwicks your s/off at 3:30 on 630 couldn t have been WIRC unless they were trsting - they are daytime only. Alex Bowab, your station on $1150 \mathrm{w} / 01 \mathrm{~d}$ U.S. recoris is probably CKTR, que. They ID in FF not too of ten. Joe Fela, WAKX-1320 is the correct call "House of Max" per verie. Mike Tilbrook: TT on 1450 on $4 / 19$ was definitely r/c of WTB. Bill Bens, WYON-1450 is AN w/NN programming. Wayne Plunkett, WIN has MN progrems on 1400 after lam. - good catch. (These last few were from $5 / 12$ ). That's all for now, Zeus (hi) storms not bad at all yet this year here so listening is still good.

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\text { William Ochs - } 155 \text { Prospect Place - Peark River, New York - } 10905
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Hu fellow DXers. What a two week period inad w/2l new otations from the Ner Higland area! Here they are: WXKM-1600 11:30-12 7/3; WGNY-1220 5:15-5:3m 7/2; WAFS-1570 1212: 3pm 7/4; WOSS-1490 12:35-12:45 7/3; WBTNT-1370 4:30-5m 7/3; WDRC-1360 midnight-1:05 7/5; NHWB-1000 1:17-1:28pm 7/6; WBEN-930 12-12:07arn s/off 7/5; NEEI-590 10:05-10:20m 7/2; WNJH-1580 12:15-12:30 w/ET 7/9; WPOP-1410 10:30-11pm 7/2; WESM-1420 1:4-2em 7/5; WSAR-1480 9:10-9:30pm 7/3; WORL-950 12:2-lam w/ET 7/9; WSYB-1380 5:30-5:55am r/6; WLAN-1390 1:10-1:15 7/5; WAAB-1440 9:30-10cm 7/5; WJAR-920 11:55pm-12:05am 7/9; WCOP~ 1150. 11-11:35mm 7/5; WSEP-1410 (?) 4:40-5:40am 7/4; WSYR-570 11:45pm-midnight 7/4: These 21 neve stations put my total stations at 204 since $9 / 64$ which is pretty good for listening only every MM since February. I have to thank the NRC for a lot of my loggings. (You're welcome, hi -E C ) This is all for this month. One closing note. The static is coing down \& on this night \& the merning of $7 / 19 \mathrm{I}$ hope to make my loggings 215. 73! Saul Ash - 910 Meehan Avenue - Far Rockawayp New York - 11691

The only new loggings are CHFI-1540 e 8:01pm s/off on 5/28; "hadio Viente Seis" Guba-
 WHOT CHNS UTAC WUJD for my report dated 6/7/E4! I like their fast, efficient service! v/c-WARK, v/1-WRIX WRUN CHFI CKFH To Bill Ochs, I believe that Railo Free Dixie is a clandistine station operated by the Cuban goverment. Bob zwier, that Canadian station you heard was CKFH-1430, Toronto. To Curtis Engberg, Radio Mil is XmoY. I must tell all of you that WWL has the worst XR in the world. They overtap onto 1570 $1580 \& 1590$, \& Fou can hear them during the day on $690 \mathrm{kc} / \mathrm{s}$. So Dave Schmidt, Stephen McIntire, dontt complain about the slopping local problem so much, hi. I hate to be a post, Emie, but how do WMCA, WINs, \& WHEW verify? So long \& 73 . (I veried them all in the 1930s, Seul, \& all were v/qs then, hi -ERC)

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\text { Heny Marbach - } 2 \text { Overlook Road - Whi to Plains, Now York - } 10605
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Not much DX here this Surmer, cX are very poor plus my RX is currently out for repair I hope to hage it back soon. Only DXpsession was on $7 / 6$ when I DXed on the gravayard channels. TISA-1450 Vt. 10:39-11:05pm; WOND-1400 N.J. 11:27-11:31 pm w/rr ; WIIN-1400 Baltimore 11:32-11:46 pm w/zemi-cl mx; WLLE-1400 Lowell Mass. 11:35-11:47pm $\mathrm{m} / \mathrm{pop} \mathrm{mx}$. No recent veries. I've spent most of the sfumer DXing on SN where CX haven $t$ been toc bad. If azyone is in need of foreign mint stamps for reporting to foreign BCB $\operatorname{sW}$ of ham stations, I have many from many countries available. Ilil make them available to

 thing got allmessed up. I aristayng at Ieft Lachese's house here in Tevato \& we have been hitting the Mms on his S-120. Now as in Jeffs musing in this issue I will

 KRVM-1380. $5: 35$; MMED-1440 6am. That's a total of ten which isn't bad for an S-120 in the middle of the summer. I recopled my log, leaving more spaces \& found my home total to be 275/114. As I have been out here a while I do not mow how many have arrived since. I. left Now York, liy mother siid in a lettor however that I got IDAK-540 after a few months \& WJET- 1400 after four months. Some stations surely: take tineir time! Say, how's about New. York in ${ }^{2} 66$ ? New. Yorkis one of, in fact, the largest city in the world. All air lines \& bus lines go non-stop to New York at reasonable rates. There is all the hotels \& Convention HQ that anyone wo uld need. There are also more NRCers on the EC than WC, not that I an trying to forget about the WCers: And since the ${ }^{3} 65$ Convention is somewhat out West I thini it would be fit to have the nextpone on the EC. Also, New Yoris is situated nucely half way Ep the coast allowing soutnemers $b$ our Canadian members to enjoy the Convention. OX; I will end now because Ernie is being tortured by the typing of mine on this typewriter vinch skips beciuse I am not used to it. (Not really, Tom, hi -ERC) So long \& Now York City in 65 : 73s.

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\text { Jeff Luchese - } 124 \text { San Carlos Way - Novato, California - } 94947
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Long time no Muse is all I've got to say. The sumer had been pretty bad out here, until NBCer Tom Donahue came out here 7/20. Then we really started getting dom to work. So far, two Wis have netted 29 new stations. Here's some DX: 7/25-HJDK-750 IVedellin, Colombia; KCLS-600, Flagstaff, Ariz; KTRH~740 Houston; RSB-750 Atlanta; KXA-7TO Seattle CHML-900 Hamilton, Ont.; KREX-920, Grand Junction, Colo; KJR-950, Seattle; CKWH-980 New Westminster, B.C.; KIST-1340, Santa B rbara, Cal; KPRO-1440, Rizerside, Cal.; KSTP1500 St . Peal; WLAC-1510 Nashville; KXEL-1540 Waterloo, Iowa. Also, on $7 / 25$, a crazy thing happened out here - thunder \& lightning! We sat through the static, wich is bat enough in the summer, to get: KMMB-760 San Diego; KYOS-1480 Merced, Cal.; KRED-1480 Fureka, CaI/; KOMA-1520 Oklahoma City; NAKR-1530, Akron. Feports out to makR CHML KREX Tom will tell you hos we did 8/2. The only thing that annoyedme was WSB, wich had a. DJ yi/a low bass voice, making it virtually impossible to get an ID. Totals, as of $8 / 2$ are 145/13. We're trying to make 200 by $8 / 2 \% / 65$, but it seems inpossible, \& will prob-abky be. I ciont know whether this will nelp, but nere are some sfon times, which migt be of help: Mis: KREX 7:54; KIEV-8:03; KGF-8:33; KCBS 8 Oy 8:30am (not sure) KEWB 8em; EBMM 8:3lam (Don't forget, all times are EDT, to convert to EST just subtract ane bour. I know I should have used EST but I already typod it out before I realized. Tant's am bout it as far as $D X$ is concemed. Any WC DXers are invited to write me; as goes for abybody ir the NRC. Itd like to start some regular correspondence w/a few people. Rich Heald, why didit you evei Write back I'll be looking for a letter from you. Paul Hoffman, Irllwrite as soon a: I finish this. Well, I'll be seeing you, \& until my next Musing, 73s. (PS - Summer DX is exaspirating D) HOID THE PRESSES. I also heve another thins to add. I feel that we should consider NEW YORK CITY as Convention $H Q$. for'66. Itis the largest city in the world, the greatest travel center, \& is certainly easily treveled to. More on that next Musing, but support is needed. NEW YORIK for ${ }^{\prime} 66$. Joe Familton - 4945 8th Terrace South - Bimingham, Alabama - 35222
DX has been arastically lowered in this fen. Static CX make.me feel like It: DXing inside a beehive. lify two meagre new stations are: 6/6- WPTF-680 faintly a/MPS, $26 / 8$, KONO-860, c. hght after local WYDE was off, talic about bleed-over! About the idea of a directory, I have received many favorable letters voicing support, \& now I would appreciate what our editor's opinions of this idea are. Speak up \& be heard, gentlemen! I don't. think we should have any trouble recristing help for the compiling, frai what I have read in supporting letters. Would anyone who would be interested in helping (and I mean really helping!) please write \& let me know. I believe if we get this thing moving, we will need an organized comittee. So anyone interssted in helping, pleaso, please write! The costs of this thing would not be much, but we do need to get organized soon \& figure out the cost of this thing. I believe there would be many advantages of having a directory, for IIm sure that there are several members who have never heard of one another. Come on now gang! Let's get this thing on the ro 3 . Write, and fast! 73s. (Send it in to DICK of JOHN as a proposal in time for Cedar Rapidot -ERC)

Auguat 21, 1965
Guess I'd better get this letter in before the big shinigin in CR begins. Viries have been the usual summer sow type, but I did receive a nice letter \& CM from CKiNX stating my report was the first one fromi this area except during DX Teets in past years. Other veries are KIIA finally, WCVL w/long explicit letter stating their DA, etc., WJOR for FS \& WHBL back in three days. Recent reports are out to WDOR for RS $6 / 16$, WKJR for SSS 8:20-8:30 7/31, WIMA RS 11:55-nidnight s/off 8/1, also CHO wiphone dedication program, ZNS w/ s/off after KXEL oft \& listly waUK $8 / 2$ s/on 7am. They catue in real loud \& then all of the sudden dropped out of sight. I wonder if their DA was malfunctioning for a mirntef I redd in Broadcasting recently where CHFI will owitch to 680 this F.ll w/Lkw. days \& lokv, nishts. A new station on 1540 will be CEIN w/the ame facilities, A couple of weeks ago, the wife \& I went down to see Ev \& had a very enjoyable visit. Hi , Ev. We managed to do a bit of DXing, but static was pretty severe except during daytime: I haye my reservation in fof the Hotel Foosevelt already. They have a nice card confiming $i t$. Recent letter from Bob Gorsuch came stating plans for tours through various radio stations. Too bad I can't catch a skip of WNT-EM again \& take it to them personily. In still stuck at 1,999 \& cant $t$ seem to catch anything new, hi. Rend Keller, I tried to call you up, but no answer. Must be on a wacation. Bob Fuelner, I hope you can go to CR whme. Until then \& the new season, good DX to everyone. Frnest J. Wesolowiki - 1416 Pasadena Avenue - Omaha, Nebraska - 6810"
DX the past two months has been poor. The only nes station heard was KANS-1510 in Larned, Karsas on the air for the flood which went all through that state on $5 / 20$. Time was l2:45-lam. So far, they didnt terie. Last month, $7 / 4$ to be exact, I had a nice visit $\% / I$ IRCA member Rick Henke of KC. A woek later, dad \& I drove to the Pacific NW. I visited KCFY-1590 Cheyenne; KBRV-540 Soda Springs, Idano, whose f/c is first MM, but no time given. They will go to 5 kw . D-3 next year. KBND-1110 Bend, Ore., KISN-910 Portland, CBU-690 in Vancouver. There I got a list of all $20^{-} \& 402$. relays controlled by CBU in B.C. I seen one in Hope, B.C. All relays are located in oither the CPR RR station or the local Telephone Ufifices, \& are umanned, operating 24 hours a day. No ID given, but ach has a call. Thirty seconds of dead air each half hour during RS CBU ID. Antenna is a piece of pipe atop a tall telephone pole, meybe 5 t high, is the antenna. CBC-TV is poor; every house has antenneas pointed toward US TV for better programs. GEU also had wind of the proposed change in radio frequencies, i.e., all regional \& local stations will be given FM frequencies, \& all others grouped togetioer on a small portion of our present BCB. KNLV-1030 in Ord, Nobr. came on RS $7 / 28$. KLOL-1550 Lincoln, will begin tests soon \& will be on RS by Labor Day. I don't know why KTrT1510 hasn't verified yet. I sent them 300 QSL cards last May. I'Il be in Cedar Rapids on Labor Day Wookend. Will you? 73 s .

Ken Butterfield - 624 Arthur Street - Plymouth, Michigan - 48176
Milestones: Country \#28 verified, that being Raiio Barbados-795, on a thin blue asrogram fom. Countries now stand at, $57 / 28$ w/ Haaio Bagndad-408 still best logive/QSL. DX has been great \& is as follows ' $6 / 21$ - KFJZ-12 70 1:17am (now NSp), CHMM (not CYHM as 1isted previously) -1490 , 1:25am. KANS-1510, 1:53m, on for floods. 6/23-WPTF-680 1:03am. TPRH-1420, 1:17am r/c. WLAN-1390, 2:29arn, rr. CJMS (for another try for a QSL, even enclosed 10申), 1280, 3:23am, FF. WHKY-1290, 4mem s/on w/SSB. 6/26- W/TVB-1590 7:02pm. 6/27-WIBH-1410, midnight w/NBC NX. 6/28-WDAD-1450, 12:13am r/c. $3 / 29-$ WCFA -1230 (Seaway Radio) 5:55pm. 6/30-WAVY-1350, 1:25am f/c. WYOU-1550 1:40ams f/c w/CBE off for firat time in my DXing career, hi. 7/2- KFVs-960 1:10arr r/c. 8/4- WISC-1100 (ex-KYW) 1:0 Emm. 7/5- WZKY-1580, 12:35am f/c. KCTX-1510 2:05am r/c. WCL0-1230 2:15am f/c. KCBC-1390 3:04am. KBUN-1450, 3:10am. 7/6-WIFE-13D0 (ex-WISH) 3:04am. WLBJ. $1410,3: 30$ 去 $\mathrm{f} / \mathrm{c}$, WRTH-690 (ex-WBBY) 3:57am. 7/8-WTRU-1600 1:10am f/c. WJFFi-990, 7:06pm. $\quad \mathrm{F} / 12-$ WCOA-1370, $1: 06 \mathrm{ma}$, WHOT-1330, $1: 22 \mathrm{~mm}$. KXRA-1490, $1: 35 \mathrm{am} \mathrm{f} / \mathrm{c}$. $/ 14-$ WPAR-1450 1: 25am r/c. 7/15- WATT-1240, 12:11an, r/c. 7/15- WEAM-1390, 12:10am. 7/17-WRJR-1520 12:20am r/c. WBRI-1.500, 12:3 $\mathrm{Cam} \mathrm{f} / \mathrm{c}$. KCNI-1280, $1: 40 \mathrm{am} \mathrm{r} / \mathrm{c}$. WAKX-1320, $1: 55 a m \mathrm{r} / \mathrm{c}$. $7 / 19-$ WBEX-1490 12:10am s/6ff. WLAU-1490, lam s/Off. WTMB (or TRAC)-1460 1:10an, f/c. 7/20- WANY-970 12:10am r/c. WHFB-1060, $12: 57 \mathrm{pm}$. Totals now stand at 835 /778. Veries have been many: v/q- RIXZ WPTF WIVB WESC KFJZ KGBS WIFI WEZE WAVI VOA-960 V/1-WITZ GJLLR GHYM WKBH WHIZ KTSN WLEM WTRU WSHP WCNW (not WCM, ex-WFOL) TITI KPEL WHRL WRTF WCLT WATT \& Radio Barbados-795. I have been DXing FM a lot \& nave ro FTh loggings since $4 / 28 / 65$. Well, that's about it, so 73 \& see all in September. AS THEY SAY IN OMAFA, MWOW." Labor Day weekend is the WWEREND QF WEEKENDS."

It's been quite a while since you've heard from me. Being a senior at Youngstown Univ. ersity does keep one tied up w/the homework. I'll be going into my fifth \& last year this Fall w/a major in physics. I have a question here. I would like to know why the Clum doesnt use CHT? A couple of new stations have been heard here, WVOD-1390 \& WSOM600. My verie from WwOD says they run 5 kw . day time non-di rectional \& after SSS to Ikw. \& use a three-tower directional array w/most of the signal going Eastward. I nanaged to hear them on a test after our local WNWI- 1390 went off. The other $\mathrm{V} / 1$ from WSOM- 600 says they run w/a power of soaw. using four towers, each going 326' up. They are a day time directional station. If you ask for one, they will send a CM w/their verie. I have three weeke of Sumer School left so. I may be able to twist the dials a bit more after Itm done maclear physics. 73 s .

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\text { Stephen J. McIntire - } 2225 \text { Searle Street - Des Moines, Iowa - } 5031 \text { \% }
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Sumier Schocl ended $7 / 28$ \&esince then I've rad alate a oit of ture for DK. Nost of this time has been spent w/relogs, though. 7/29_ KEYD-1220 7pm to s/off. KJAN-1220 right after them. Both were plagued by slopover from semi-local EFJB-1230. 7/30- Noted WRBC -1300 on AN for Wiss. A1. 8/2- MM- Stayed up AN. KTRH \& KRMG cale in w/a good signal, 12:34am. WSBA-910 through the mess 4:4Cam. WIMA-1150 s/on, till 5:30. KCBQ-1170 just in for SID \& Cal. \#2 about 5:35am. I am going on vacation in the Eastern part of Iowa \& I will take a transistor \& see difference. I'll leave tomorrow, 8/7. The other day we got a questionnaire about RIOA from Radio Pooria, the new owners. No changes, I hope! Veries: $\nabla / \mathrm{f}$ - RCMO. v/q- KFAB WCCO WEVA.KLMR: CU in CR. 73. Dave Schmidt - 44 Green Lane - Green Ridge - Chester. Pemsylvania - 19014 Hi. 'DX has been OK. For the month of June, I logged a big 12, \& up till now, $7 / 20$, I have logged 11 - just shows you what summer does to me. I'm on the CPC \& I cave just started to Work on some DX Programs for the NBC. I have one lined up at MWW-1090 on 11/1 from $3-3: 30 \mathrm{EST} .:$ I have sent requests to KWRK-1480 (i) in Jena, La. If any guys have any good v/s \& addresses, I'll ask thom for a special if you send me the nane, address, etc. I don't have very many geod ones but I plan to write to KGNO VIOO WAKY \& a few others. By the way, W 100 is a new station on $1000 \mathrm{kc} / \mathrm{s}$. w/ 1000 w . non-directional. Address is 33 West High St., Carlisle, Pa. 17013. All reports will be answered, if not tell me \& Illl find out because I have a friend who is going to school inMillersville \& is free on weekends, \& I plan to go up sometime \& tour WLAR \& WGAL plus WIOO \& WHYL; Verie totel is $176 \mathrm{w} / \mathrm{still} 32$ states. New veries that still manage to wom through are WEET WTAR ( Five-month wait) WEOR WREO WCKY (four monthsD WMRL WRAB WEOL WCNR YDAD (RHC, came back fast w/CM on $\mathrm{f} / \mathrm{c}$ ) WELD WCRO WHAS WINS (four days!) \& WIOO. A few weelas back, TEEZ was sold to the guy who owns WIDV for $\$ 250,000$. They didn't make any money on it because the guys who bought it before that sold it for the same price. Ron Sherwod,
 why they don't make out as good as they did when they were rr! Funny, seems like nobody likes it up here. Wonder why? ERC, I heard WKRL whilo seeing Allen Nissen on $7 / 18$, some set-up, $\%$ TDs "Chis is WRKL, Radio Swamp." Nice statiob? At least they verify. They operate from two trailers alongside of a road in New City. Well, I must, go - 73s. (They're on U.S. 202, about 12 miles frcm Now City, near Mount Iry, Dave -ERC)

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\text { John E. P. Draut - } 210 \text { West } 251 \text { Street - New York, New Yoxix - } 10471
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Latest loggings here have been WGBI-910* WABB-790* WKDN-800* WNLK-1350* WMNJ-1360* WGLI -1290 WKER-1500* WAVZ-1s00-WJLK-1510* WLLb-1190 for anotner relogging \& they finally verif ied, TARL-590 WHAB-1440, WEZE-1260* WRAN-1510* WNLC-1510* WCEV-1580 WPAC-1580 WTMU -1540* WBRY-1590 CFOR-1570 WAKR-1590 WBSC-1550 \& WSAR-1480. Most of the we were logged on the night of $7 / 11-12$, Mh, when 1 stayed up until 7am. I finally got a verie from WMEX- 1510 which makes three etations on this frequency verified, and on WIAC it verifies it will bo four. I sent a self-prp card to $Z B M 1$ in a f/up report of $12 / 28464$ \& got it back in two weeks. This is Bermuda the verified. I'm still.waiting for senegal \& Caroline to werie so I'Il have ten countries verified. Does anyone in the NRC own a National HFO-500? I read an artiele about it in Pop-tronics \& they say it could be the greatest receiver ever made! It should be - it costs over a kilo-buck! I've been bugating to build a loop, but it keeps getting messed up \& I end up with 150 feet of wire all over the floor! How would a surplus radio compass loop work? They're made for the BCB \& can be obtained quite cheaply. That's about all, and I'm sorry I won't be at the Convention; but "them's the breaks," 73 s .


Hello again! It's been a long time since I've been in these pages, \& maybe a few of you have been wondering what's been going on. Well, I went to a broadcasting school in Massachusetts until April, \& got a job as DJ at WSOR- 1480 which I held for three $\neq 4$ months until July. I got to see Ron Musco's HQ-180 \& his veries, which were pretty interesting. Anyhow, no BCB DXing done this Sumer, but a few veries made it in from KNX -1070 KNLA-1320-TEST WHHL- 1440 KBGO-1580 which took monthe to reply; WEOV-1240 CRXI1140 CFCF-600 \& CJSO-1320. If Ernie doesn't mind, let me add a few words that I've been concentrating on $F \mathrm{~N}$ this Sumer, \& so far have 18 states veried, out of 21 logged. DXing in the future wall be really limited, since I leave $y / 9$ for a four-year hitch in the good old U.S. Navy. No, I wasn't drafted, tort decided to get a little more education (electronics) and travel a lot. I don't know when I'll get time (or the DX) to report in for a good while, but I hope everybody has a tremendous DX season. Anyway, adios for a while amigoe, \& good luck \& 73 s . (Good luck also to you, Mike, \& please let us hear from you for these pages from time to time! -ERCl

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\text { Sheldon Miller - } 84080 \text { Street - Kiami Beach, Florida - } 33141
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This is being written in New York, but I'll be im Wiami by the time it gets into print. I had a most enjoyable gab-ard-suds-fest at Emie Cooper's den on 8/2, \& a pleasure to meet Al Nissen, Fuse Edmunds, Bob Foxworth \& Joe Fela. It's alway great to talk DX $2 /$ people who underetand what it's all about, \& Ernie's hospitality is well-known to all NBCers who visit N.Y.C. Some DX done in N.Y. on portable \& automobile radio inc ludes PJB-800, WRMM-810 w/a good signal u/WGY many evenings; HJEC HJBJ HJBI CNCA CIBC WHLO650 WQAM WSUN all heard w/average to good wignals. I visited friends in Islip, L.I., about 95 railes out, \& was surprised to hear WMID- 1340 louder than WABC on car RX. Aiso heard well Were WCMC-1230 and WFEG-1450, most amazing. I understand the same effect occurs in N.J. w/ the Long Is land stations: I received a most unsatiefactory verie frow WBRI-1500, written on back of a Bible tract. I don't expect to be a very active DXer this seasoin, but will report occasionally. 73 \& MIAMI BEACH in $66!$ (It's always a pleasure, sheldon, and we hope you get to do a lot of DXing, and Musing too-ㅍRC() Billy Ardres - 11135128 Streat - Queens, New York - 11420
Hello there. Only six stations to show for four months. It's pretty hard to get anything wortimhile u/those ANers. 6/5-wTMJ-620@12:06am, about equal to WLBZ. 5/28-WIYC-1100, call change, e 11pm. I've heard rr on them since, so I guess they have kept the ir old fomat. By the way, Ernie, thanks for the WALE tip. 7/3-WeAN-560 3: 30an w/NX. I thought they were rr. FCOG-1320@3:31:30, boasting " 20 hours" but I haven't heard them since. CFNB-550 also in well, clobbering the Beard. 7/19-WIP off, log on WIMNT, Ohio, in w/mucho static. 7/ A4-广Saturday, I went to Fiverhead, N.Y. and WAPC-1570. WRIV wasn't opened up yet. WAPCis a neat little place, about the size of my living room. They' pe got a str ight mx format, w/imitation instrument als of populaz rr at times. Their studio is located on the side of a Drive-in movie. I waited there for about 45 minutes \& copied some material, before visiting them. They go 1,C00w. I. two towers. Later on, WLNG was visited. They too are small, just about the same size straios as WAPC. Tney are 500w. non-directional. MM 8/9-I noted a loud one on 1230 w/NITH, w/old rr. Really old! I thought I hat something good until s/off e 12:15, FCMC, Wildwood, N.J.! Who was loud TTer on 1290 (3) 11:30m? One station that morning, WJNC-1240 f/c-TT between 12:45-12:50, w/ID 12:47. Veries lately: $/ \mathrm{q} / \mathrm{q}-$ WCBG WARK WIVN WTIC \& WBAZ (for Rosendale, N.Y. reception). v/l- WRUN WAYS. Total QSLs, now 155. That's it-73.

Tom Walsh - 53 Moponsot Road - Quincy, Massachasetts - 02169
Hi folks. The latest loggings here are 7/18-CFRA-580 11:30pm EST. 7/22- WAEB-790 12:20am. WHYN-560 O/WGAN Q 5:05pm. 7/23-CECY-920 O/WJAR 12:05am. 7/24-CHGB-1310 FI CBC 8:30kn. 7/25-CKGB-680 s/off m midnight. CJLR-1060 11:55km. 8/3-WSRO-1470 u/ WNBF, 2:35THA. $8 / 5-$ WRCH-910 11:3 5pm, 8/9-WELI-960 TT 12:10sm. 8/10- WHAV-1490 5:30 am. Reports sent to WKOX WKNE CKOY WPTR WIP, and veries recei ved from, v/q- WBBII WPRO WXTR WTIC YIS WCCONCBS. $V / 1-$ WGAN WWMI. I've been trying to verify the easy ones during this Sumer season of high static levels \& rather poor CX. I hope everybody has fun at Cedar Rapids. So long. 73.

Tom MeNiff - 56 East Siorge Way - Chula Vista, California - 92011
Greetings: Yep, there is some DX to report even though Sumer static is making things difficult. I started my California DX log exactly one year ago, but don't remember static as bad last Sumer. Fecent DX: 7/24-KTWO-1470, Casper, 2am for Wyo. \#1.(P.9) Mont, in the clear 6. 6:20am before KhYo, Lubrock, /on. 7/31-KSJB-600, J-mestown, N. D. © 5:15arn. CEQR-810, Calgary, 7am. 3/1-KGM-1140, Boise, 5:05am o/KRAK w/7 hour DJ marathon for Idaho Tire Corral. KHOE-1400, Truckes, Cal. 6:15am on new 24 hour sked. 8/z- Talk about a dead Min! I talked to Bandy Seaver about it, \& he blames the sun. $8 / 7$ - WLCY-1380, St. Petersburg, Fla, e $4: 45 \mathrm{am}$. KTUC-1400, 5:14am /IIPAT w/AN talk progran. KHAP-1340, Aztec, NM, © 5:14am w/KIST looped out. KiNN-1390, Famingtoh, N.N. © 6:15 w/Navajo program. 8/9-A much better MM, but static still heavy. KMVI-550, Wailuku, © 3am w The Voice of the Valley Isle"ID. Three new ntates added to the log $\because /$ /he-following: WISE-1310, Asherille, N.C. 4:25am w/Carolina League sports, WCSC-1390, Charleston, S.C. ©5am s/on. WPGO-1580, e 5:20am. . KRNY-1460, Kearney, Neb. © Sam s/on. Veries in from KICY-850 Noem; KFPM-550 for NEC TEST; CKCK-620, Regina; KORL-650 Honolulu; WFLA-970, Tampa; KKAM-1350, Pueblo, Colo.; KOVO-960. Orovo, WMAQ-670; KGHL-790, ESJB-600, \& KHOE-1400 noting that their 24 hour sked began 7/26. The 10gged/verie situation here as of $8 / 10$ - Totals, $346 / 11$; states $37 / 10$; provinces, $5 /$ 1; Maxican state日, elgat, countrias, 16/4. Attention correspondentel All two of you!.. Please note new address. It ${ }^{\prime}$ finding loop antenna very helpful for nulling out semilocels, but still not enough gain to sue for long-haul DX. I sure have enjoyed readipg about members DX this pest season. I hope more DX is in store for Season 33. Best DX James T. Oritchett - 1504 Glerwood Drive - San Diegok California - 92103
I am wordering how many DXers are trying to weep high the public image of the Redio Clubs by sending a "thank you" post card for each verification received? Several stam tions have even replied, expressing agreeable aur prise at receipt of the "thank-you" note. These stations have been thamked for verifications received during the past DX season: CEQR-810, Calgary:s Quality Radio Station; WNDR-1260; WONS-1410; KFOM-1460; KVRE-1460, KIEM-1480, heard w/flood reports; KABH-1510; KIMM-1520, which incidentally was putting in a strong signal nighttimes in Vancouver, B.C. In July; WDGL-1520; KGBT1530; KNBI-1530; FENG-1530, WBGS-1560, CFOR-1570 for my fathest NE Canadian for the season; \& WSBP-1580. Only KSAY-1010 \& KPUB-1480 are unverified of those reported. I will try $f /$ ups as time permite. KPUB-1480 was neard on their first morning program on MM $r / 5,6: 63-6: 50$ an, current s/on unk. Continual overtime work, adied to static, the AN nuisances, \& preference for spending leisure hours in reading books keep me from any concentrated $D X$, but I still try the dials early mornings occasionaly. On our vacation after $7 / 5$ we flew to Vancouver, B.C., then back to Seattle where we rented a car \& circled tha Olympic Peninsula, then flew back home. CHPM-1320 was the station preferred in Vancouver; CFAX-1070, heard in Port Angeles, was Victoria's "Good Iix" station. We visited KMAS-1280 near Shelton, a one Gan operation while we were there. Ernie, we hope that the accompanying natural color postcards will be different from others you may have received or purchased in the past. Best wishes to all DXers for good listening \& verification-roceiving.

Jerry Peterson - General Delivery - Escondido, California
Hi NRCers! I thought I woula throw in a report before wo leave stamford in a fow days. We aremoving to Southem Cal., most likely to the Escondido area. This town of about 23,000 (or less) people is located about 25 miles NE of San Diego. It has only one local that s/of̃f et midnight! The other nearby stations are in oceanside (a 24-hour station on 1320) \& of course, Redio KDEO in El Cajon. LA is about $60-70$ miles up the coast, so it shouldn't give me any more trouble than 50kw. WTIC does here in Stamford. SD should be about as loud as NY is here, good enough to hear, bat not considered local. I took a trip down to Jim Smedloy's nouse in Sykes ville, Ma., about two weeks ago. We stayed there two nights, then went up to Atlantic city, N.J. We had originelly planned to go to Virginia Beach, but my travelling companion ran out of ready cash. Ir Atlantic City, the NY stations come in well, \& the L.I. statians are even more surprising: WBIC was o/WDMT, \& WBAB, wGLI, \& a few others bombed in all day long. WMCA had an image from 1490 in Atlantic City, \& I noted going through Greenwich on the way harae that WNCA is also disturbed by WGCH-1490. Do es anyone else notice their local on 1490 gives trouble to stations on 570p. I have alsobeen in to WMCA since I last Mused, \& we were shown their control roore setup, including the ir reverb unit, which works w/spring: It is used on all voice \& mx put out by the rr programs on WMCA; it is not used during NXeasts or the Barry Gray Show, or on their 8:30-9am religious program SMs. I stayei up last $\mathbb{M}:(8 / 9)$ \& I heqra whry 1440 on RS. The time was $2: 5$ cam EST. I think I made my EST from my DST the right way. I hope so! WDAY veried, so did KBLO. I'm (P.10)

August 21, 1965
D X NE
(Jerry Peterson) not too interested in DXing. In the Summer, but wait till Fall! My Cal, address is: J.P., c/o General Delivery, Escondido, Cal. 73s. (Itve heard of several instances of 1490 images on $580 \mathrm{kc} / \mathrm{s}$., but not 570 , Jerry -ERC)

Robert Bmhns - 25 Cedar Valley Lane - Huntington, New York - 11743
A1 Fishor, where are you? DX (?). $7 / 28,9: 30 \mathrm{~m}$, who was on w.U.S. mx on $795 \mathrm{kc} / \mathrm{s} . ? \mathrm{~s}$. 8. 7/31- VOA Special EE to 8:14pm, then FF. S-9, on $1034-5 \mathrm{kc} / \mathrm{s}$. Where is this, anyohe? (First is Radio Barbados; second; 4VEF, Cap Haitien, Haiti)-ERC Help! Does KOMA, 1520, verify? Not for me, even w/homebrew pp. Finally, Radio Belize veried my 13 minute report of $4 / 18$. Frank Curran: WEET-1320, plate power 3,000 volts, 500 AMPS? $1,500,000$ watts inputi 500 milliamps is probably the corract ifgure. If I can get to Cedar Rapids the September, Illl be sure to vote for New York City in 66 ! Yes - with 24 stations within a few miles of the city, I can't see passing up such an opportunity. NYC in '63! QSB QSB (Hi, Don Huber). QRT.

Al Wysocki - Pennsbury Hills - Chadds Ford, Permsylvania - 19317
How goes it, Summer. DXers? I've returned to the radio dials after a couple of months of sleoping, eating, listening tothe Yanis lose, \& trying desperately to get a Mexican sombrero (I may rave to settle for a fex). Totals are now $453 / 164$, so I'm trying hard to improve that percentage. I would appreciate help on a few questions. Fir st, what 1360 station carries White Sox games? (Believe it or not, A1, it's WKAT, Jiemi Beach! ITR C) And ons that' been buggini me what's the very loud SS on 640 ? My RX wo rks much better nom, thanke to Dave Schmiat. Oh yeah, I've got to soy I really enjoy the kusings of Henry Tyndall. Besides statistics, his Nusinge are alvays very interesting. EFC, is the NRC the biggest DX Club in the U.S.? Aleo, how many members does it have? (We're the biggest all-BCB DX Club anywhes, Al, about 350 members -ERCD $I^{\prime}$ ve been a member since march, \& I would like to tell you that, in ry opinion, every issue has been inf ormative \& interesting, \& superbly arranged. Considering you fellas make no profit from the Clab, I think you deserve a lot of praise. (Thank you, Al -ERC) Back to DX, I got WMET-1220, 250w. from Miami, Fla. I sure hope they verify. Reports also out to KSL WLCY WARN HIJP TGN WZOK \& WTMJ, among others. Do you NECers find that Mexicans \& Dominican Republics are like Cube when it comes to verification polidies? Back in the U.S., I find that Vermont \& N.H. \& Wisconsin are generilly poor verifiers, while Pa. \& Ohio are the best. Before I go out to watch "The Fugitiven on TV, let me say that anyone who wants to write to a 15 yea old sombrero-seeker wh is the official croquet champ of Pennsbury Hills, feel free to do so. Well, right now I'm preparing to visit the World's Fair w/John Thompson. So arriverderci amigos, au revoir, sprieg en de deutsch? 73s. Chris Nanthey (vacationing in) - Elizabeth City, North Carolina
Well, my last Musing was in the first is sue of this volume, so I thought I ought to be in the last one, too. The only DX since then was not DX et all: loggings of semi-locals WELN-1330@8pms/off, CKWW 580 at 10 gm RS , \& WKNT-1520 RS 10am, all last month. I don't have the log w/me here, so I don't have the dates. All wore fairly weak, but probably will be regulars. That makes the to als some thing like $517 / 116$. I have done some hard thinking on the subject of verifications, \& I am inclined to agree m/Fon Schatz about their value. Personally, I would never send a report to a station I was$n^{\prime} t$ positive Ild heard. Anyway, so a verie is really rather rodundant \& I doubt if I will ever send out very many more reports (I never did, actually). Now; a litile soapboxing: Ey all means, bous, it's Miami in '66! It's the ONLY place to go! I was there in the sumer of $1963, \&$ it's great. More CMs audible during the day than Ws. Also, I won't object to a dues increase if Dick Cooper feels it's necessary. I'm afraid this will probably be my. last Masing for quite a while as I will be entering Hiram College; Hiram, Ohio, this Fall, and expect I won't have any more listening time there that I did during my last year of High School. I am offering my DX NSSes from June 61 to date for postage. I have kept first pages \& occasional others, but they will be all right if you juzs want to read the old Musings, IDXDe, etc. Let me know by $9 / 15$, please. As I enter my fifth year in the NRC, I wish you all the very best DX \& say good-bye until such time as I can again become active in the greatevt club in the world, the NRC! (Tharks for the kind words, Christ! wic)

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\text { Bob Zwier - } 385 \text { West } 20 \text { Street. - Holland, Michigan - } 49483
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Hi gang. DX has been good since last Masing, w/the following additi ons to woy log book: 7/6-WILL-580 w/the Chamber mx hour alam, WCFL-1000 relog; WCRM-990 noon w/990 NX, WOAP-1C80 at 12:25pm w/Fargo WX, WISN-1130 © 12:35pm, WCEN-1150 © $1: 33 \mathrm{pm}$ w/the Bill (P11

 WXYZ-12Y0 © 3:46am, 7/26-WTVB-1590 0 8:01pmw/City Council; WTOD-1560 w/s/off e 8:15
 W/Adventures in Hi-Fi; WSMM-1400e 1:15mm. 7/29-WOAI-1200 w/NBC NX. 7/30- WYOK-690 no report. $9 / 3$ WHGR-1290 (is this in Uper Peninsu la?), WGAR-1220 © 8:45pn w/ix After Dark. Veries: WOW WWJ WILL WCEN WCFL WOAP WISN W XNX WSAI WZBZ WTVB WCRM WRYI WXYZ WHIO WLIP WGAR. Sorry I cant make it to the Convention but school starts then. I hape a lot of you can make it. As for totals, $139 / 78 \mathrm{w} / \mathrm{two}$ countries heard \& veried. I find it a good idea to keep a file of my stations by frequency as it makes it easier to check whether you have a station. Well, enough gab for now, $73 \&$ good $D \mathrm{X}$. Lt. Thomas Y. Arko - 05226888 - 120th Trans, Co. (Lt. Trk) AFO San Francisco - 96307 Now you've got a member in Vietnam! I arrived here $7 / 12 \&$ will be stationed here until next $6 / 22$. Feceivers are very reasonably priced here. I can get a Sory 15 transistor, five diode set for about $\$ 70$. I'll scout around for the best deal before I make the plunge into my wallet. I am having the bulletins mailed to cleveland, so I fon't know what's been happening Clubwise. I hope everyone is doing well DX-w se \& 0 therwise.
 'Hi' \& drop me a line if you get the chance. (Iots of luck, Tom-ERC) Sam Johnson - 190989 Avenue N. T. - Bellevue, Washington - 98004
$D X$ is great here in Washington. In two months, my totals are. 201 logged, 20 verified. Veries are from CJOR KRKO KMIC KVSI KNEN KSHA KWFS EFI KWAY KLYD (for test) KAPT, v/gKGO KWSC KSEO (test) KPRK (test) WHOE KGN KFBK WORJ. $\nabla / \mathrm{r}$ - KLAK. WRJW verified w/a CM which has the most detail of any map I've ever seen-it's fantastic. CE at KVSI (which verified on WCHI letterhead) says they have been on the air since $7 / 20 / 65$ on 1450 in Montpelier, Idaho. When I first heard it, I couldn't gfigure out what it was, as it wasn't listed in my logbook. But the next day my DX NWS arrived \& lis ted KVSI as a now gtation. Without DX NEVS I never could have verke it, or known what it was. Thanks, NRC! I now have 37 reports out, some of them to real "goodies" like KUPD-1060 Ariz., KPAC-T5OT3x.; MDXR-1560 Ky. \& the best catch get, KRYS-1360. 1 kw . Texas. Reminder: KQV will be AN on Labor Day. This isn'tmy tip, hut as it was mentioned last issue Ifigure it's a good in ea to bring it up again. Speaking of Labor Day, have a nice Convention \& make sure you drive safely. I can't make it - rajs. John Callarman, thanks to replying to my letter. Sor ry your program didn't come off. Fuss Fimunds please put your address on top of $\nabla / \mathrm{s}$ page. When you are in N.J. I couldnt find it. The WX here has been ridiculous - I heard on our old friend KAPT that it was 1070 in Salem, That's not normal for the "rainy Nin." No rain here either. DX: 6/22-WWI-870 La. 3:30 w/SS, :7/1-WMOO-1550 Test, Ala. 3:55am. 7/10- EVSI-1450 Idaho test 3:14. 7/11- BLUB -570 Ut $h$ w/KVI off $4: 29$, pretty weak, $7 / 12-\operatorname{HM}$ - KFBB-1310 mint. test 2:17. KPRK-1340 ET 3:1落 Nont., KCUL-1540 Tex. 6 am s/on w/EXEL, EWFS-1540 0re. 8:05w/KBVU off. In fact. KRVU is gone for good. Gordon McClendon has changed its call to KINUS, 1 kw . 1540 here in Bellevie, \& guess it's new format. $7 / 17$ - WOP- 1060 La. $3 \frac{3}{2} 27 \mathrm{w} / \mathrm{CFCN}$ off - probably installing new 50 kw . XR. 7/19-NJ-WING.1410 ohio $4: 17 \mathrm{w} / \mathrm{good}$ signal;
 every ni ght. 7/28-KIQS-1560 ET Cal. 3:18. ?/30-WDXR-1560 Ky., MHAM-1180 N.Y., CBE1550 ont. all 4-4:04. KORA-1550 6:16 La, while taking log on WOKJ-E50 lisiss, KFDA-144C 6:23, Texas. 7/31- WHK-1420 0hio 4:39 w/great signal considering distance. August DX in next issue. ERC, does WQXa s/on (3) Sam Mh? (Yes -ERC) If it does, then I almost got it last MM. My targets include TQXI (heari MM) \& KORL (also heard Min). Alnost forgot- loc ged KINX-800 Alaska $2: 30 \mathrm{~s} / 0$ ff on $8 / 2, \mathrm{MM} .73 \&$ have fun at the Convention! Bob Jacoby - 556 East Alvaradi. Stroet - Pomona, California - 91767
This is my first Musing \& I can say it's certainly great to be a member of the NRC! Rx here is a Halli SX-93 \& right now I'm uaing a longwire antenna. DX the past fow weeks has been pretty slow, even for this time of year, but hore are the highlights: 7/96KONXP13 40 TTing w/ID © 2:10, BTEL-1490 © 2:13 for best catch this mumer, KIAC-570 TT 2:20. 8/28-KNAC-1490 w/CW on top © 2:50, CHAT-1270 s/off @ 3:05. 8/2-KFIV-1360 MTing e $2: 10 \mathrm{~W} / \mathrm{ID}$, unID ET/M on 1460 a $2: 20-2: 35$, this one a real mystery. KVOY-K 00 TT ing W/ID © 2:40. 8/9- KSVC-980 ET/M W/ID E 2:15 u/KFWB OC \& KEAP TH in there also, fi: ally, seldom heard KHOW-630 S-7 @ 2:35. Recent veries, all v/1 KVIO 1600 KTMO- 1470
 104 heard w/ro veried. Well, now to the few veries that have made the scene here at this QTH. V/1- WUPR-1530 for P.O. \#9, veried w/a CM. WESB-1490 DX, EWCB-1300 on my report. Radio Barbados-795 for Country \#28. WRUN-1150 KAPT-1220-TEST on f/ap wan obsolete SC. $v / q-C K E W-1000$ \& WNBG-1360. Ny $v / s$ have onen sent to fruss. I just got KAPP u/the deadline for the darestic contost on $8 / 13$, which is the day this Fising is being typed. In the domestic conthest I ended up w/290\& 101 in the Letterama. Whin, now to DX. $\quad 7 / 12$ - Radio Columbia-1600 heard 12:13am, who is this? WAIR-1340 f/e 12:34 am. WORE-1340 12:35am. WLAY-1450 12:42am. $7 / 19-$ WOLS $1230 \mathrm{r} / \mathrm{c} 12: 25 \mathrm{am}$. WJRI-1340 12:31am testing. $8 / 9$ - WELZ-1470 r/c $12: 35 \mathrm{sm}$. UnIG SS heard on 1470 , whop HJAT-1100 lam, report sent. WOOD- $13001: 05, \mathrm{r} / \mathrm{c}$. KWAT-950 1:05 r/c. WCAZ-990 1:158m, $\mathrm{s} / \mathrm{c}$. 8/10- WREL-1450 midnight, r/c. WERW-1320 12:11an ET, MCVA-1490 r/c 12:15ak. WKIC-1300 testing 12:26am. WEMB-1420 r/c, 12:40arn. Later in the day, WCEF, 6:20mmbooming in of semi-local TBUT \& WMSG, 7/27-WCPM-1280 s/off w/"O1d Ky. Home". WMTN-1300 7:29pm s/ off. WKIZ-1390 7:30 m s/off. WTCR-1420 7: zmm s/off. Wrote down YND-675 \& report sent. WSOO-1230 12:45am $\mathrm{F} / \mathrm{c}$. MIAN-1390 notad on new AN format 1:15am. WPAR- 1450 1:15 am r/c. The last three were on 8/11. 8/13- WBRC-960 1:59am s/off. UnID SSB-1320 3:04 sm. s/off. KFJB-I230 r/c noted a 2:15. All whom I owe letters to, please bo patient, but I'm getting them off one by one. Jerry peterson, please write as I have some nev traders for you. Hi Wayne Plunkett \& Dave Bernett, \& thanks a lot for gettice me into the CDXC which is a fine club. Also I have heard new WSOM-600 in Salem, 0 . who have been on RS about a month now. That's it for this month, so 73s.

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\text { Ben Dangerfield - } 202 \text { Governor's Drive - Chester, Penngylvania - } 19013
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I must admit I have not been a good correspondent this summer, \& hope I can do a better job during the new DX season. Fortuneately, the pages of DX NEWS have been ell-filled by contributions from many of our newer members, \& that is a good sign. piost of the established DXers aquired their interest in the hobby during their early years, so if we are going to keep our hobby alive, we need a good supply of active, young DYers. As for me, I have done practically no DXing during these past months, \& consequently have heard nothing worth mentioning. Nor have I received any veries, which for me is par for the sumer course. I did manage to have the $\mathrm{HQ}-180$ conditioned for the oncoming season, \& I am happy to report it is now ready for action. I do note we hed one DXer who was busy all sumer: Gordon Nelson, whose E2O studies on the fadeout times of rare foreign station may well be the most valuable DX contribution in several seasons for those of us who are primarily working the TAs or TPs. However, I didn't keep the same hours as Gordon did this past sumer, so I did not hear the distant signals he came ip with, but somehow, the conflict between static \& sleep usually prevented me from so do2ng. Spealking of TAs, up to this point in August, there nas not been aywhere near the good signals that I encoentered the same period last year, when the sun spot cycle was near its minimum, although the signals are better than those in early August during the poriod 1960-62. I haven't taken my vacation yet, but I plan to do so starting Friday $8 / 20$. We plan a motor camping trip to the Dakotas, via wichigan \& the iNor th shore of Lake Superior, winding up (naturaliy) at Cedar Rapids on $9 / 2$, where we should be good for two days at the convention. I am certainly looking forward to this get-to gether, \& will be there provided we can pitch our tent. "We" refers to my wife; teenage son \& daughter, \& younger son. Maybe at the convention I can finaldity the rules for the up-coming Foreign Contest, which will probably be similar to the one just onded (see IDXD). However, I will welcome new ideas, just as I will welcome the entries of all those who would like to conquer new horizons in the foreign DX field. 73s.

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\text { Jey Mceroy - } 23 \text { Algonquin Road - Quincy Maesachusetts - } 02169
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I haven't hsard much or received many verifications of late, but since I haven't had a Musing for a long time, here goes. On $8 / 13$ © $3: 47 \mathrm{~mm}$ WSNO, \& © $4: 12 \mathrm{pm}$, WBSM. On $8 / 8$ e 10:31pm CEGB u/WAVZ, \& on $8 / 9$ WEVD © 12:36am, WSLI a $1: 04 \mathrm{~mm}$ \& WKAT © 1:24. Later on the same AII $3: 21$, KPRC, \& during the hours in betwoen I heard the VOA Breakfast Show which I thought was ZFBl, \& by the looks of the last DX NEWS it was - wish I had heard their call. Most recent veries are: WBT WTIC WDRC WPEN KMOX \& WARA. Certainly not very much, but the coming winter season should prove better. Godd DX\& 73 s to all. AS THEY SAY IN FAIFMOUNT, MINESOTA, "ZSUM." "REPP SAFETY UPPEENOST in your MIND" -as you drive to Cedar Rapide. Don't drive while tired \& please BE CAREFUI AT AIL TIMES. 3:15am; WRRT-920 DX 4am; JBC-550 4:46. 3/17- WCHO-1250 6:30 cm . $3 / 20$ - WPLY-1420 7pm s/ off. 3/2́l-WCPO-1230 1:18am; WSYB-1380 ET 1:20; WWOK-1480 3am. 3/22-WEOK-1300 ET 1: 20. $3 / 27$ - TISYR-570 12:C6am s/off: TGKL-840 12:5Cam. 4/1-WGOG-1000 (0x-1460) 7pm g/off 4/16- WRHT- $1350 \mathrm{r} / \mathrm{c}$ 12:05am; WORK- 33.50 12:05; KAGH-800 r/c 1:25; WGWA-1230 (ex-WIOL) 1 m. 4/18- HJCG-1070 3:24am; XEDK-1250 3:48; KCUB-1290 4am w/no sign of WIRL or KOIL bectuse of Aurosa; WDOL-1470 5am s/on; WYTH-1250 6:01; WKNT-1520 6:18pm; WRAI-1520 7:30 Fin w/no WKBW also because of Aurora. 4/19- WCST-920 12:03am s/off. 4/20. XPLC-1470 $\mathrm{f} / \mathrm{c} 1: 03 \mathrm{zm} ;$ WFIG-1290 f/c 1:16; KICS-1550 f/c 2:16; WGEN-1500 f/c 2:35. 4/21- WNHV-990 12:29; WJEM-1150 f/e 1:49; KSCB-1270 f/c 1:57; WKEG-710 7:11pm; WMPR-990 7:29; KGKL-960 8 pm w/Astro 's pro-gamie show; KTRM-990 8:01. $4 / 22$ - YSC-1015 8:09pm; KCEW2-995 8:25. 4/ 23- TGRT-670 12:00am. 5/2- KWPC-860 1am f100ds; HJGK-1180 1:55; CKSA-1080 (ex-1150) 2:23; CMHI-570 3:30; WFAA-570 3:47; KREEA1550 8:30pm s/05f. 5/4- WNWW-1570 (?) 7:45pm s/offi. 5/12-WJPW-8107:01pra. 5/23-CHYM-1490 12:20ax. 5/24= WEKT-13008:25am. 5/27 -WERX-1530 6:05pa. 5/31- WLAP-630 5am s/on. 6/10-WMVO-1300 6:55pm. 6/12- WWUN-1590
 $-1280 \mathrm{r} / \mathrm{c} 2401$, WPIT-920 r/c 2:00; WFRA-1450 (ex-1430) 7:25m; CKOX $-13408 \mathrm{am} .6 / 19$ .KYW-1060 4am; WKYC-1100 4:01, CFRS-1560 5:10; WPHN-1560.5:25am. 6/21- KANS-1510 1:20sm

 WBNT-1310 I/e 3:40. 7/3-WLRC-1490 r/c 2:05am, WELB-1380 r/c 4:20. 7/5- KGW-630 r/c 2:05. $7 / 13$. WRPB- 1350 ET 12:15; WCVA-1490 r/c 12:25; WLOS-1380 r/c 2:25. 7/I4- WPAR1450 r/c 1:16. 7/18-WYNX-1550 (ex-WSMA) 7:49pms/off. 7/19-WTTL-1530 ET 1:12; WJJJ1260 4am s/on. $7 / 20$ WAAX-500 lem; WKLIM-980 r/c 2:11. 7/21-WFIX-1450 f/c 4:10. 7/28
 early sundays. 7/26- 0JFP-1400 3:29am. 7/28- WOND-1400 1:20; WIFO-1230 1:31 w/Cincinnati BE. $8 / 2-$ WBCJ- 1460 ET $1: 18$; WQUA- $12301 / \mathrm{c} 1: 56$. $8 / 6-$ EVOX-1280 $\mathrm{r} / \mathrm{c} 2: 09$. $8 / 7-$ KAPE-1480 I/c 1:10. 8/9-WMVC-1430 ET 12:14; HON-1500 2:25 w/KSTP looped out. 8/10-WREL-1450 r/c 12:08; KCAR-1350 r/c 1:45. 8/11- WBAZ-1550 r/c 12:10anw/CBE looped out. 8/12- WGYW-1430 r/c 2:40am; WKXV-900 r/c 3:30. CHEI will witch to $680 \mathrm{w} / 1 \mathrm{lw} \mathrm{D}$ 10kw N, \& a new station, CHIN, will take over $1540 \mathrm{w} / 50 \mathrm{kw}$. D, on $11 / \mathrm{L} / 65$. Best DX \& 7/3s.

Davi Dows 11 - 6420 Rolling Hills - Fort Wayne, Indiana - 46804
Dear everybody - peroples \& otherwise. Letest DX has been chasing after local-type stations that I've missed logging: WAVI-1210 Dayton, WHBU-1240 Anderson, WSAL-1230 Logansport; WPGI-1440 Portland, WAYK-1500 Valparaiso. Try for this one around $7: 30 \mathrm{~m} 8 \mathrm{~mm}$. The old philco Radio I picked up at the Salvation Army is woming at a cost of \$3! W/ an antenna is's as good or better than my new \% $\%$ KT-340 excopt for the inconveni ent tuning. I visited Springfield, 0 , \& made a phone call to Bill Bens - hi. Alsotwe went through Mich. \& Chicago - I wisited Heathkit, Knight, Olsen, \& Allied. I'm orking as a carryout boy. That means $\$ \phi$ but C.F. will probably be an impossibility. It in still hoping, though.

Rick Evans - 915 Edgemoor Aveme - Kalamazoo, Wichigan - 49001
This is my first report, so a little intro - I'm 20 , have spent one year in callege, \& this winter will be working for the local lobrery ( 40 hours a week) \& the MrCA ( 20 -plus a week). I have been DYing for $41 / 2-5$ years now, but collecting veries for only $11 / 2$ Some of my better catches are KSJB KFYR $\mathbb{Z N B R}$ CBK CBJ XEG (my only foreign station) $K$ (at midnight) WIK s/on o/WIND. I have used a tape recorder a little, and should be even more when I get one of my own soon. DX: recently hasn't been, but here goes: 7/15-
 m; WAAF-950 © 8:15pm. 7/23-CFRA-580 ब1:50m; RSJB-600 2am, 7/31-WCLTM-1570 © 7:55pm. 8/11-KFYR 550 - lam. Does WSGW verity? They have igno red for the last month my third report to them which covered one hour \& 40 minutes. I oven enclosee a PP card, \& sent it to the GM. Local WHMI is definitely $A N$ except MM. WMRE-1540 had a little fire on $8 / 8$. The fir emen showed up the building foll into the baserent. I would like some letters, \& promise that thoy will be anseered. Thanks go to Frank Merrill Jr. for telling me about the NRO, \& to Marv kobbins for tolling me about the IRCA, which I joined in Febreary. (Itls hard to compare the two clubs.). Thanks, Jom Dallar
 you'11 also be a regular in Nusings -ERC):
AS THI SAY IN MUSCATINE, IOWA, NKEES. "KEBP WELL- PRACTICE CARE:n Driye carefully. that DXing has been good lately for oveyone who is reading this ruport. Jogeings since $3 / 7$ are KMO- 1070 WMAN-1400 WITC-790 WKYO-1360 O SSS, WOKJ- 1550 HRU- 865 (long since back to 860) Redio Americas-1155, YNLL-1055, unID SS-1085, TISHRB-1125, YNS-555 duting the evening; WRAK-1400, WMIP-1380 in the AM, WJFW-810 in the daytime. Ken Butterfield \& I had an odd coincidence on 6/21; we both $\log$ ged the same theee new stations! They ware CHM-1490 KANS-1510 \& KGNO-1370, the latter two on for flood reports. Veries are 4RK-840 \& DDR-1043, only. Unfortunately, I won't be in Deder Rapide this year but I hope to make it next year wherever it is. I think that a proposal that the convention be held the weekend before the Labor Day weokend should be brought up at C.R. this year. The Labor Day date is one of the worst possible as far as traffic is concermed, \& many schoole open their doors before the Labbr Day holiday, making it impossible for some people going to school to attend the Convention. I have had a few nice get-togethors here: Saw J. Daller at WKNR-1310 in late March; G. Greene, W. Plunkett, \& L.Colton (IfCA member) were down for the Faster weekend \& we had a great time. All of us went down to Keerer for a few hours. J. Daller \& S. Rubing canse out 6/20 for a little while, \&.G. Greene was able to come out again, from $\% / 18$ to $7 / 23$ for another great time. I have also seen Rick Evans (member IRCA) a fow times, including earlêer today (Fridayl3) Williar Ochs, Radio Free Dixie-690 does verify. I have a verie fram reception of them on 4/l5/63, signed by Juss Jo Anne Salas, the one who broadcast their racist propaganda. Hey, are any of you interested in Fih, TV DXing? If so, write, as I'm also interested. Sarie goes for newspaper collectors or SCers (totale are 392, 545 respectively). Who says Fridey 13 is unlucky? This MM, I logged five new FM stations, including CJOB97.5 Winnipeg on meteor scatter, my first experfence w/this reception! On IV, I logged tentative newie WHPN-TV on Ch. 13 (notice this channel) \& received a verie fram KBTX-3 in Tex. W/that verie, all my positive TV catches beyond 80 miles are verified. And Rick Evans was out - all this on Friday 13. Guess that's it, $73 \&$ have a blast in CR? Ray B. Fage - 325 Shirley Avenue - Buffalo, New York - 14215
Long time since my name has appeared in this sectionfout being that as of this Labor Day I will step out as NRC Treasurer \& Dick Cooper will assume all Club book work including the Treatury end of it. I have been informed that a sheet will appear in this issue \& I urge all members to follow the directions it contains in so far as it pertains to Ole Pop Edge. Yep, from Labor Day on I will revert back to being just an ordinary NRCer, along w/hoping my DXing will get back to nomal. I have really enjoyed every minute that was spent in the official capacity of the NRC, seeing it grow from a small Club into the leading BCB DX Club in the world. I an very happy that your present governing body have done such a onderful job this past year \& $I$ am sure that w/the continued support of all members the NRC will, u/their guidance the NRC will reach greater heigits. As for DX at this den, there has been a little w/the best cetches being Radio caroline-1530 while also copying the DX from KYMN-1520 \& the other one was Bonaire-800. Did get a couple of Canadians meeded but still no report out to our newest local MMIJ-BCO. The Edges will be at Cedar Rapids \& hope to meet, not oniy the older members but many of our newer ones. I can sssure all atcending that they will have a very enjoyable time \& be able to talk DX to the ir heart's content. So let's see an exceptionalif large group of NRCers \& all others who are interested in DX be on hand at the NRO 1955 Convention.

Richard Pashlej - 122 South Garfield Street - Arlington, Virginia - 22204
College is creeping closer as the summer onds. My nett report will be from tine Univer sity of Colorado at Boulder. Here are my new logs in EssT: 7/14- WIO0-1000 م 7:44-8:01 am. 7/15- CKET-590 @ 10:15-10:46pn. 7/20-CJNR-730 20:32 1pr. 7/25- WWNR-620 10 10:09 mm ; CHL-900 © 10:26-10:36m; WEAN-790@11-11:11pm s/off; WCSC-1390 e 11:44ma midnight s/off, 7/26-WNJR-1430@10:11-10:25 fm; WPaTh-930@10:40े-11:03 m. 7/29-29-WATE-620 ©11:57m-16:04th s/off. 7/29-WTMU-020@13:06-12:40am; KRifG-740@1-1!16am; WBAM-740 © $7: 34-8 \mathrm{pm}$ s/off for July. 7/30 WBCI-740 noted signing off right after WVCH
 Haiti-1380 © 2:25-2:41an (IDed in SS w/only EE being 1-3-8-0, could this be 4VS? (It sounds like my old friatid WBNX, Richard -ERC) EDLh-or-WFLI-1070 m:02-3:30am (Does someone know which one is AN?) 8/3- ZEM1-1235 Bermuda e9-11:07m (very few ads \& IDs, the best time to $D X$ is when they have NX \& WX © $9: 05 \mathrm{pm} \& 11: 05 \mathrm{pm}$ ), $8 / 4-$ WHOT- 1330 , $8: 23-8: 43 \mathrm{pm}$ ( $I$ don't thinix I'Il even send them a letter after reading how hot they(E15)
 1390 a 1:05-1:19ami 8/10-W4LV-1440 19:42-11:06am. Oops, I left out one. 3/2-KIOA -940 a $5: 10-5: 14 a m$. veries since the last issue: $\nabla / 1-$ WAQE WEBR WSAY WHEN WNYC WIIB, stamped \& signed my eport fom, WhK WIOO WESA WJAS WEAN \& WPDX. v/q-WBAM KAAY WIIC WSUN WNJR WBEN WHCI WTRY WSLR WAKA WCSC WATE WCYB WMMJ \& WADO (if you want to call it a card). On $7 / 28$ I met Alan Merriman; I wish I could thank him enough for all the info \& tips he gave me " Did someone want the adiress of WFBC-1330? Their address is Box 788, Greenville, S.C. The Broadcasting Yearbood (costs \$5) has all the info the Vane fones log has plus the adaresses of domestic stations. It is a lot bulkier though, \& cumbersome to use when DXing: 73 \& Miami in '66!

Ben Herris - Dallas, fexas
Hi! Back again after a dix weektrip to Europe. Although hempered by inferior equipment (Sony 6 transistor portabls) I enjoyed listening to European stations - especially German - ard occasional propaganda spread by Radio Belgrad was very interesting. I brought back the Hl rrecord in England, "I'm Alive," \& got it recirded by EBOX in Dallas. Doing protty good. 7/18- सहWA-540.9 12:55am, KTSA-550 12:40, WIET-580 @ 1:14am, KNTO-560 © 11:15pm., KTEB-600 क midnight. $7 / 19$ - WREC-600 12:01am, WDAF-610
 (01:05am, KDKA-1020 @ 1:15, KDEF-1150@2:15am, WSNB-1350@2:44, KRYS-1360 © 2:50, KSTP-1500 © $3 \mathrm{~mm}, \mathrm{KIXZ}-940$ @ $2: 45 \mathrm{~mm}, \mathrm{KOMA}-1520$. 3 3:05ara, WCLS-1580 e 3:15; KLAR-1600 @
 KOB-770 © 12:20am; KTRN-1290 12:3\%, WDSU-1280 12:45am; XHSO-800 $1: 05$; WQXI-790 0 1:42. WFAA/TBAP-820 Dallas signed off toni ght \& helped me to get WCCO-830 e 1:07am, \& WGY-810 (3) 2am, $7 / 30$ KWK-1380 © 2:06an, ETSM-1380 2:04, KYM-1100 e2am; KFIS-1440 e 2:30am, KNOM-1490 © 2:35am. 7/31-WFLA-970 \& 1:4Cam; KGGM-6ato e2am. 8/1-KXOI-1360
 WSM-650 © 1:40; WNYO-830 © 1:3lam (Hi Sam). 8/3-KGWA-960 12:15am, KNOR-1400 © 1:29, KWKR-1960 (i) © 1: 45am, KMUS-1380@2am. 73 to al 1 , or as they say infUnion, S.C., "Will Bo $\underline{g}^{8}$ ing $\mathbb{U}$.

Mike Silvera - 5 Teenton Avemue - Kingeton 8 , Jamaica
Well, long time no muse, bat-I am still here. CX pickingup, but not much new heard, Veries show indeed. U.S. \& Caneda since I las t mused: ERGV MIBC CFOR WDAE CICM KONO WJAR WOWR CBM WSIZ WWIA EWZ WCSC WVNA WMLN WCNS WTLN WCLS WHIM KWLA \& WBBL. Lot of reporty to regularly heard stations to go out this Sumer. Let's dig back into the past. The SS u/VCTY is KGBT, Harlingen, Tex., good till lam s/off. WYOU-1550 is back on the air w/e/w rax till 7:30pm s/off. WBGR-13\% Josup, Ga, noted 10:04 u/WCOA. IV Iists say daytimer, must be night now. Date? $7 / 6$. on $7 / 18$ noted WhOG-1490 Brunswick, Ga. u/EMBM-1490 w/rr. 你 best so far stateside onthis graveyard channel. Also POKE-1540 the latter soumed like "Eugene" but list says Charleston, S.C. 1:29am. 8/8-CBA1070 Sackyille, F.B. actually got atop HJCG, Nove Scotia \#l. (They're in New Brunswjek Mike -ERC) Do you vote for the conve stion location only if you attend the Conventioni I think 211 members should be able to vote even if they don't make it as they might be able to vote for a place they can attend. Why doesn't NRC print up some of the pamphlets in SS like those in ZE explaining the DX hobby? It would help a lot in obtaining veries from the LAs \& I am sure they would sell. Is there any company which puts out a good BCB-knly FXT Say, almost as good as an HQ-180? I noed a good EX but who is gonna sell me the IW band of the RX only? I don't need the SW section, the S-120!s SII bands are good enough for my little use, \& a complete RX is much too exrensive. If anybody knows of one I would like to hear from him. Gordon Nelson, did you pinpdint the location for Radio Americas? Doj Jensen, I still haven't heard the clandestino Radio Libertad on 140r, though other DXers in the Caribbean area have, but I am still having loop troubles. I think Henry Tyndall should be made an honorary life member of BFic. Have fun at Cedar Rapids, vote for Miami in ' 66 and you'll see me next year, hit Ron Schatz-510 N.E. 158 Street - North Miami Beach, Florida-3316良
Greetings, fellow idealists, from the Land that California tries but fails to imitate, Mimai Eeach, site of the 1966 NEC. Convention! Pravda? Kodechno! Goess whet, comrades TAs are back, \& I've already logged two new orew, both Africans. Radio Mamako-1415.5 is a new one in Maili; s/on daily except SM © lam w/Dakar-like stuff. St. Louis, Senegalri484, has also come through. Come on, boys - you can har them if you try. Domesm tically, Ontario LFRTE on 1090 wore noted well $8 / 9 \mathrm{M}$, counted as one station, (P. 16)

Ron schatz) though there are three or so there. Also CBC ANer on 1050, who? (CJIC, I believe -EEC). Local WMET-122O is now WOAH (Monderfiul Woah Fadio) \& programmes all c/w mx. Mystery station on 1460 noted e 2:30am s/off 8/9; 100 p says just E of due South; whos more foreign DX where aore members reda it - in back. fo the Convention, I have been advised by top NRCers to withdraw my bid for the IFCA Convention, \& I have done just that. The IRCA will probably end up in New York or Milwakee in 1966. The $\$ 14.00$ price tag for the Fontainbleau referred to in my last was only an example. If it is toc expensive, even w/extras like meals, woll find a cheaper place for you all. Francis Gifford inforns me that Detroit is withdrawing its bia for the Convention in favor of Montripeal. So far, the latter's only efforts for the Convention have been two Miusings by Sam Simrons, the only bidder in that city, or so my "spies" tell me. Seems hiami Beachofill min by default, which is better than nothing, hi. Be sure to be at Cedar Rapids this Labor Day weekend, or you'll/have no voice in the matter. On $8 / 28$, I'm moving to a University of Florida dom in Gainesville to continue my college education, but I wont know my address until I get thore, so judge jour mail. Heve a safe \& sane trip to \& from Cedar Rapide - PLEASE. 73s, \& support the NRC by supporting iiiami Eeach in :66! If there is no other means of transportation in Chicoutimi, P.Q., C B J - come By Jackass - but COME to C.R. this Labor Day weekend.

Gordon P. Nelson - 191 Ima Avenue - Watertown, Massachusette - 02172
Latest here is new country, \#105, Radio Manako, Republic of Mali positively IDed ae the West African on 1415 V around lam most AMs. Saems to be the 30 ky . outlet listed for 1430 but will have to wait for QSL to be sure. Ron Schatz informs me that he's been hearing a station on about 1416 at the same time but his station has "a heavily-Britithefzed EF w/hative overtones." This has me upset because if it is Kaduna it means a 3 ? minate EZO error. Since Mid-July I've been parked every night on $1415 \mathrm{w} / \mathrm{Maili}$ which is always in IF, so I really don't know what. Schatz has been hearing. Other DX lately has been disappointing; the Ifidsumer Africans are going out very rapialy \& most of the common TAs are back already. From the E20 graph I find that Mozambique should be audible until about $8 / 4$ but the last night they were heard was actually $7 / 29$. I don't know 9f this is significanr or just due to chance disturbances elsewhere in the path on those ni ghts. Prague-1286 first showed up on $8 / 3$ at $10: 22 \mathrm{pm}$ \& has been crowding SABC oat since. Someone s/on around 9:50pm on $701 \mathrm{kc} / \mathrm{s}$. is likely Perim Island tait no ID Jet. On the basis of the E2O project \& this summer's receptions, I'd like to propose that the Contest stay open through thd Summer; sure would be a shame to get a QSL from say RCM \& not to be able to count it! What do you think? I am right at the point of cutting stencils for my article on "Subaudible Hetrodynes on the $\mathbb{M W}$ BCB, " trie heart of my scope technique. This technique is completely new \& original \& has never before beer described; it will first be published as a copywritten NfC feature in the very near future. Ranoremic devices such as the Ramsen operate on an entireif different principle \& are of very limited use for BCB DXing. I just had a very pleasant visit from Gregg Calkin of Canada who's been racking up new countries at an impressive rate. Unfortunately Gregg couldnet make it in the eveningtime for a deomonstration of real live DX so had to settle for secondhand DX via the tape library. Tet's hope you cam maks it in the evening next time, Gregg. Also had a phone chat w/BEF.Crocker who had some very interesting ideas about a Boston area get-together. Gotta go cut stencils so till next time, good DX!/ Chris Lucas - 89 Round Hill Road - Fairfield, Connecticat - 06431
I hope overyonels having a nice Summer. I have practically nothing to say this time, but I thought I!d contribute anyway. To prove I have done some BCB DXing, I logged one station this month: the new W100-1000 in Carlisle, Pa., logged 8/8 6:59 m s/off. They ID as W-1CO. Varies since last report: v/l-WBAX WEXT WVON WGRP KNIA, \& nice long ones from WRIV \& WWVA. WRIV is very interested in their daytime coverage \& appreciate all reports. $\nabla / f-$ WhWH WXYZ WOSU WIRY WRFD v/q- WVNJ WWL WHCU CJAD WIBG\& v/pp- WLIH, v/c- WIBX WCAU, CMs from WHWH, directional SE, w/nulls NE, NW \& SW ; WBAX non-DA, WRIV non-DA, WVON ron-DA, \& WGRP apparentiy durectional W w/no sharp nulla. Septenber means college for me, \& I'll be starting a new log at A.P.I. in Troy, N.Y. Ny new address for all correspondents from whom I haven't heard recently will be: Hall Hall, room 308 - Fresiman Residence Halls, Burdett Avenue - Renseelaer Polytechnic Institute -Troy, New York 12181. The above address is effective $9 / 14$. I've been spending most of my time w/FW DKing, buteven that has dropped of $f$ this week, so maybe I'll be lighting up those tubes in the HE-30 again soon. 73.
AS THEY SAY IN HAFTTORD, CONN., "WCCC." WWITH CARE, COME TO GEDAR-RAPDS."

Hi DXers, angbody remember me? No. I didnt die but I've been busy as all. I worked 69 hours last week; really! Why, even Bobby Feulner's mused three or four times since I Mused six months ago! lwy laet good DX session was My $1 / 4 / 65$ ! Southern skip was good. that morning \& deveral new ones added, especially at s/on. While logging one on a locally occupied channel, the rearby station suddenly blasted my eardrus out s/ their SSB. My mother asked later what it was. Hmm, I called them, WWJ-950, \& asked their s/on time: precisely 5:43:30an on MM. PS. They were so blaring because their towers are two blocks away! On clear days, I get them on fountain pen. I'm looking forward to Cedar Rapids \& seeing such guys as Andy kugg \& friends, Allen Nissen, Fiayne Plunkett, NRC officials, \& everybody! You all come now!. Although I have a four-speed. $63 \mathrm{I} / 2$ Ford, I think III "leave the driving to them:" Cant wait - see you the re! Congrats to NRCer Paul Canron, promoted from AN DJ to Asst PD at WKNR, winich Billtoard says is America's \#1 station as far as influence on a major market. Wayne, you musod saying you were trying for Paul's show, but it was Tuesday $A N \& W N R ' s$ silent period is Tuseday, l-Sam! I to pe all who attend IRCA's in San Diego li e it up, too! Do it to it, RJS! 73, from just a Guy.

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\text { Ralph M. Johanns - Bưfalo, Now York - } 14203
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Happy Birtinday, "ancoyed" Ernie. In re $\mathrm{\nabla} / \mathrm{s}$ list \& deleting of $\mathrm{v} / \mathrm{s}$ in Musings: Suit yourself. When I write a station I do ask for info in order to have info for NRC Bulletins \& for an interesting $v / 1$. I don't want any PPs $\&$ don't cry in my beer if $I$ have to throw a bunch of no-reply stations in $\# 13$. No station over said that my report was poor in the 20 years of my DXing. I re-verify some "moldy-oldies" as the newer replies are better \& also go for $v / \mathrm{qs}$ now, in order to fill some wall space \& tirey show off good in transparent plastic nangers. (Olson Radio, three for $\$ 1$, , nold 20 each). As NBG is so "short-of-space" ERC, why don't you make a 'John Callarman" (IDXD) Fitusingtype \& it would be better. I'm सOT going to write to FOUR (4) different places (ERC, $J W B, I D X D, \nabla / s)$-two is enough, ( $\operatorname{FRP}, J N B$ ), \& neither does a station want to wait till NFC maybe brings a $\mathrm{T} / \mathrm{s}$ in ordes to get a report. I mentioned address \& personrel in order for MRC's "faster" info, as majority have no other info. Most DXers make a "margin note" in their DX NESS as the NRC (and YOU?) is too stingy to do this. Wren a new station is given, not even the owner company is mentioned. Ien Eruse was good enough to compile such a list, but nobody ever thanked him. After this, anyone wanting sta tion info or $v / s$ from me (the ones mentioned in my Nusing) can have it via reply-card. Received a program v/I, windo decal etc. from Wonderful Bible Radio Indiana, WBRI-1500
 hami); $v / q, ~ v / 1 \&$ the workd from WCHB-1440; v/q for $1870 \& v / q-1330 \& \nabla / 1$ by WHOT (thanks, Homer) ; $\nabla / 1$ from KEYD-1220, my older v/1 is KEYD-1440 Minneapolis (deleted); v/1, CM KIXZ-9460; $v / q$, OM KGHLm 790 ; v/l from. WACL-570. Sept. 7, try for $f / k$ by KEYD1220, 2:30-3am EST, G.G.Sundquist, CE \& Farm States Radio CO., 1M4 Union Avenue, Oakes, N.D: 58474 , a fomer YL announcer may give ID w/CE \& TT/M is used. roLY-1300 S.D. is the other FSR station (new owners). Have fun at Cedar Rapide. 73.

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\text { Hand Koller - } 23 \text { Sauk Trail - Park Forest, Illinois }
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Greetings. It looks pretty rosy for the Convention - it should be a very enjoyable experience. Starting wheremy last Musing left off: $6 / 28$ - KSYL-970 Tring way, then at 1:16 KFSA-950 TTing, both w/good signals. Then a jump to $9 / 2$ when KFVS-960 came in at 2:02 w/TT. 7/3-WSTN-1550 in good w/tone at $1: 21$, 7/4- Erought WTC-1280 in w/tair signal. $7 / 6-G 0 t$ KWRF Tring e $1: 48 \mathrm{w} / \mathrm{S}-4$ signal but in the clear. 7/8-Got WONW-1280 © 12:25 s/off. 7/9-Got WRAJ-3440, TTing, mixed in W/RILO. 7/12-Heard HONE-1300, for first time. $7 / 13$ brought WVOL-1470, in for very clear ID at midnight (that is, between $7 / 12-13$ ), even o/semi-local WMBD, \& then 1:52 heard WCHR's ET mixed in W/WRPB (al so a new one). 7/26 brought much wanted KGHf-1470, © 1:46 TTing \& KWVY-1470 न $1: 55$, both w/good signals \& both o/WMBD. 7/19- Eeard WZSK-1600 testing w/mx 7 12:42 but didn't catch enough of it for report. 7/20-Got $E B P X$ w/TT $\% 12: 25$. Then we went on a trip to Kansas, so $n$ thing since then. Veries: EVOP-1400 KFDA-1440 WEHL- 1440 WJAK- 1440 EFSA950 KSYI- 970 KNIA-1320, (letter was postmarked Dubuque, Iowa), KFVS-960 KWRT-850 WRAJ$1440 \mathrm{KGHM}-1470 \mathrm{KBRX}-\mathrm{H} 50$ \& reports still out are: PLDSS-1180 WHOW-1520 WLIJ-1580 WSHN1550 \& WCHR-1350. I saw in the last Popular Electronics where the FBIS Log can now bo obtained by writing to the U.S. Government Printing Office in Wasington, D.G. Well, nothing further to add, so I will say 73s.
AS TYEY SAY IN REGINA, SASK.: NCJME. "COME JOIN the MERRIMENT and EXCI TWMERTY IONA!

Alan Merriman - 6559 Nontrose Stree - Alexandria, Virgimia - 22312
Fell, I mate it again. Fir st, let me say that I will definitely be at the Convention. I have already made reservations. Now to DX: 7/18- VKYC-1100 Cleveland 1:10am. KYM1060 Philadelphia@2:05. WCSC-1390 Charleston, s.6. $011: 45 \mathrm{fm}$. $7 / 19$ - CJWS-1280 montreal a 12:15, my thire report to this one. W100-1000 Carlisle, Pa. a new daytimer (as 3:55m. WFAT-1220 Falls Church, Va., local, e 4:30 m. KLRA-1010 Little Rock © 11: Som my sixth report to this one, for me they won't verify. $7 / 25$ WJMJ-1540 Philadelphia क $5: 55 \mathrm{pm}$ o/local WDON. This one has requestad change of call letters. WIOD-1550 Toledo. (3) $8 \frac{3}{4} 05$ pa u/WQXR. 7/28. WDE5-1220 Hamden, Conn, ending ET © 12:33. WKCW-1420 Marrentor Va., local, e 1:10cm, another try for a verie. WEM/ 1390 Arlington Va. 2:30, WEEL1310 Fair fax, Va. $2: 45 \mathrm{~mm}$. WHYL-960 Carlisle, Pa. $5: 30$. WNAR-1110 Norristown, Pa. n 6 pm . WWR-1CBO Murf reesboro, N.C. 6:20. WVPO-840 Stroudsburg, Pa. $=5: 45 \mathrm{~mm}$. 7/30 KHMC-740 Thisa, Okla. $9: 30 \mathrm{pm}$. CKAC-730 Montreal a $9: 45$, my fourth report to this one. 8/1- WYOU-1550 Tmpa, Fla. ET a 12:40am. 8/3- WIKI-1410 Chester, Va. © 11:55am, new daytimer. WOOE-1340 Washington D.0. 2: 15 pm , another try for a verio \& this time succossful. WANT-990 Richmond, Va. a $2: 30 \mathrm{pm}$. WYNX-1550 Smyrna, Ga. © 7:30p s/off. 8/4-WDAS-1480 Philadelphia ? $5: 15 \mathrm{pm}$. Miuch wanted WCHE-1520 Mest Chester, Pa. a 6 mm . 8/8-Whic-540 Richlands, Va. 7:15m s/off. WLIB-1190 NYC $9: 30$. A sumpisc CHGB-1310 Ste. Anne de la Pocatiere, Que. @11:10pm $/$ /off. $8 / 9$ - WHHY- 1440 Fontgorrery. Ala. 12:15am, another try for a verie. WHom-1480 NYC, ending ET m 12:30. 8/12-FGBI-910 Sceantion, Pa. 1:15am \& WSBA-910 York Pa. A 1:22. Many of these stations are easy to hear, "bit I aŋ̣ just getting around to reporting. Verieat v/q- WOMD WEEU WHOT WCSC TTJTU WVPO. v/l- WNUS WPEN WSLT WGNY WNIA WWDR WYOU Zagreb $\div 1133$ WCOK WHOM. v/f-WIOD, WMAR. vqc- WGET, \% v/CM, WKOK. Also a QSL from Bagndad but card gives 5 frequency. Many f/hps sent alse. Well, that's about it, so 73 \& C U at Convention.

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\text { Fred I. Parsons - } 229 \text { Lincoln Street \#ast - Melland, Ontario }
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I spent most of my time this past month going after TT \& other tests. I had some silly notion that it would be a quick way to verify \& hear all (or almost all) U.S. states. I did taste some success, but as usual, there were a lot of failures. And, of course, I didn't take into account the trouble yours truly has w/getting veries out of $B C B$ stations. For instance, I never got replies from the following: HJED XHOY XEB WCHS WSTH CFDA CKBC WXVA FHHL GKY TGJ \& YND-6\%. I don't want to sound like the Beatles, but HiflP! What am I doing wrong? Return postage enclosed, date, tine, frequency \& all those things, plenty of details - what gives? Fere's this monthis loggings: 7/12- XEQR-1030 Mexico cuty, "Raiio Centro" heard o 1:2Zam w/TX check \& ID in SS, u/ WBZ's $O C$, lots of static. $7 / 23$ - WSAF-1290, Sheffield, Ale. heard w/r/c-TM from akout 3-3:15, mary IDs, QFM from WIRL but-otherwise a good signal. 7/25-WLNG-1600, Sag Harbor, N.X. heard concluding r/ce 11:29pn, lots of QHM but CJRN off overy in at this time so that's a big factor. 7/27-WAVZ-1300 Now Haven, Conn, heaxd on RS fron 12:17 to 12:40am w/Thelly Berg Show of rrmx, heard u/WERE so considerablo QEN. 8/1- XEDM1580 Hermosililo, Mexico noted brifly (0) 12:4lam w/SS ads \& mx, lost in QSE \& CJFN splatter. KCII-1380 Washington, Ia. (Box 370, Was nington 52353 ) heard w/r/e-TTT from 1:01-1:16am, IDS e $1: 13 \& 1: 16$, signals subject to much QRN/QSs but still pretty good. 8/2- ECTX- 1510 Childress, Tex. heard briefly zam begiming their r/c-TM-in, lost $u /$ another 6 trong TM on 1510. 8/3-WFHA-1370 Manchester, N.H. heard on RS frem 11:15prnmidnight w/rr \& IDs (mx \& vocal) on Jim Norgan Show, signal subject to much QSB \& QUM from WSAY (until 11:30) \& WSPD. I thought that WFEA was daytime only. (No, Fred they're a Skw. fulltimer - ERC) Well, best 73 s to all NRCers, for this montin If you feel like it, write me!

Samuel Simmons - 11,685 Guertin Street - Montreal 9, Quebec
Hello. The postal strike here is finally ovar, but I still haven't gotten my pay from Montgomery, $V t$. ly NEC re iowal will have to wait until I get it. CFOX-1470 has installed one rr DJ in the aftemoon. They have also dropped the AN sked. Verie: WDP1500, mailed by MBRI-1500. CHFI-1540 goes to 680 \& a new one, CHIN, takes tire 1540 spot. The CBC plans a new string of IPRTs in the Far North. KMr- 1380 hearing by FCC are still going on. WBEL has a seat, \& plans to get a day timie only st. Louis station as a replacement, thus giving WBEL a better signal. Ever womer now the GBC workds? Come to Montreal 66 and find out. Ever watch someone pess out in 1100 heat? Flofida is hot this time of year. I suppose ore could go mad if he had to live there. 73 s. AS THEY SAY INT XHILA, OHIO, WWIC." WHE'U GATHER IN CEDAR-RAPIDS" - on SEPTEBER 4-5-6, the Labor Day Weekend, traditional time for NRC Conventions. Be there \& have Fuv'

| 540 | CBE | Thursday AMs only now. |
| :---: | :---: | :---: |
| 570 | W X B N | Tuesday AMs oniy. |
| 620 | W \% | MW irregularly. |
| 750 | W JR | 的的 ixreghlardy. |
| 800 | CKLT | NMe only, s/off 2 am |
| 1380 | KRIO | Tues. Avis itregularly |
| 1430 | W NA V |  |
| $14 \% 0$ | CFOX |  |
| 1520 | T Y T | s/off Mis only n 4:01am |

Warne Heinen - 126 Linwood Aveme - Orchard Park, New York - 14127
We11, It here again w/some veries \& DX. Veries: v/q- WNMJ-1360 on f/e (First Monday 12-12:15am, one hour earlier in EDT), WSLR-1350 WBEN-930, \& CM, WHOT-1330 (Wes Boyd, you shouldn't have veried that fype report): V/1-CFRS-1560w/CM \& SC, EDEC-1,240 for f/c (First Sinday $2: 15 \mathrm{~m}$ ), KLMS -1480 \& SC for $1 / \mathrm{c}$, K0IL-1290 on my report for $2 / 22 / 65$ reception \& SC, WBTA-1490, WHK-1420 \& SC, WJNC-1240 for r/c, WLPO-1220 for f/c (first Wed. $12-12: 15 \mathrm{~m}$ ) WPrN- $1560 \& \mathrm{CM}$, for $\mathrm{f} / \mathrm{c}$, WQOK- 1440 \& SC for ET, and finally, WYSL-1400 local, after four tries. V/I says no cards to persons ineide primary coverage area, $0.5 \mathrm{mv} / \mathrm{m}$. I hope you one, Ralphie- use $\mathrm{v} / \mathrm{s}$ in $\mathrm{v} / \mathrm{s}$ Iist. Only DX of notice was $7 / 4-$ KDEC- $1240 \mathrm{f} / \mathrm{c}$, and $7 / 5, \mathrm{r} / \mathrm{cs}$ of WJCO-1510 (no verie) \& WJNC-1240, also KYW-1060 \& WKYC-1100 for call change, no, verie yet. I hope all you lucky people have fun in Cedar Rapids -no dough prevents me (also parente), 73s \& best of the DX.

Mraest K. Cooper - 438 Last 21 Street - Brooklyn, New York - 11226
Suddenly, veries! CBAQ-1530 WNY-1500 WBRI-1500 KTTM-1510 KCLN- 1390 WTIT- 1.530 WTMB 1460. My thanks to Hank Wilkinson for a job WELL DONE. I hope we'll still hear srom you Musingly, Hank! WNOY-1500 verie arxived, sent by WBRI, so then a thank-you plus a report to WBRI, which came right back, too! CBAE sent to CBA \& veried by them; station definitely is in Rogersville, N.B., $40 \mathrm{w} ., \mathrm{my}$ sixth LPRT verie. KTTT -1510, beantiful v/a - thanks, Ernie Hesolowski! KCLN-1390 was for an April flood rejort. WLE- 1460 says r/e is third Monday ebari tne ir time, waicn as currentiy CDT, so itts 5 am $\operatorname{EST}$, but will be Garc in the winter - a good one for MCers to try for. 7/28- I goofed on WDXY1240, sending ry report on their r/c-TT to Spartanburg instad of Sumter. Ny letter got to WORD in Spartanburg, who told me WDXY was their FN call, now deleted - an odd coincidence! $7 / 26-$ CHYM-1490 heard amid QRM, but a loud ITer made it unlogiable. Una KIIO-1440 heard sloff Dropam in the clear; said s/on 5am the ir time, whatever it is. The loud TTer on $15 \% 0$ turned out to be only CELM. An AN SS noted on 880, unid. Jnm WENS-1460 s/off 1:02, after cl mx. 8/2- TGUX-1020 s/off $1: 55 \mathrm{~m}$, good signal. Then, or the "Radio IIll" bit - I heard Two of them simultaneousiy this AM - XeOY-1000 s/off 1:01 \& then YNI-1000s/off 1:06 in the clear; report to YM, Managua. "Alley Catl on 1390, 1:17am, unID, CBAQ-1530 AN, reported. Somebody u/CBE-1550 w/wDowntown a 2:01, who?
 apprediated, Roger, tried for WELB-1350 ET. RR heard 1:03 u WSLR WAVY, bo tha m NX , then TT $\cap 1: 05-1: 06$, but no ID caught. I wonder if'I had 'em? $8 / 9$. YNY-1000 "Radio. Mil" again in the clear 1:01-1:06 s/ofie this one is easy, lads. "La Voz de Cubal w/ terrible modulation on about $1103 . \mathrm{kc} / \mathrm{s}$. today, AN. 8/16- Nothing naw, but dia hear old (and litile) friend vous -1480 s/on 0301 through much QRN. WSUN-620 on this $\lim$; OKIN 900 off. Still an AM-SS on 840 unID - who is this' un? Nach cl ma heard. WHN1050 off this AM; only ANs XEC/CHOM there, though. Starting $9 / 15$, WJRZ-970 will go AN and all e/w mx, according to the N.Y. Daily News. Tickets all bought for Cedar Rapids, boys-I hope therellil be a great throng on hand see you in four weeks in these page. but in person in the Tall Corn state. We hope it's taller this year than in 1955 , hi.

PLEASE adhere to the good-practice standard in Masings. PLEASE double-space, that is, skip a $2 i n e$ between each line. You may use both sides of the paper. plimasi include the frequencies \& dates \& times of your catches, as this helps others to make similar loggings on your say-so. PLEASE don't go over 30 innes of DX NWWS typo. PLeAdirnit TV/MM data. PTHASE orait $\mathrm{v} / \mathrm{s}$ in your Musings - send them to Euse EGmunds, PIEASE use EST in your Husings always. AND, PLEASE be sure to be with us in Cedar Rapias, Sept. 4-5-6, for a great time. AND- PLIRSE drive with extreme cantion!

850 Cystal Lake, Illinois
850 Cystal Lake, Illinois

970 Jacksonville, Florida
1110 Franklinton, Louisiana
1580 Cozad, Nebraska


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| 500 D-3 | 940 | WSTI | St. Ia |
| :---: | :---: | :---: | :---: |
| 1,000 D-3 | 1350 | WKCU | Corinth, |
| 1,000 D-1 |  |  | DELETED |
| 1,000 D-1 | 14 | KGL | Safford, | CALL CHANGES


| 680 | WNYR | Rochester, N.Y. from WhVM |
| :---: | :---: | :---: |
| 710 | WUFF | Fastman, Goorgia, fr WKFE |
| 1060 | XNL | Ord, Neoraska, from KNLB |
| 1230 | WODI | Brookneal, Va., from Whil |
|  |  | FACLLITIES |

$650 \mathrm{~K} O \mathrm{RI}$. Honolulu, Hawaii, $10,000 \mathrm{U}-1$. Move XR NW, shorter antenna (270 ex-329:
750 K F Q D Anchorage, Alaska, from $730 \mathrm{kc} / \mathrm{s}$. Femains $10,000 \mathrm{U}-1$.
$8 \%$ W. HC U Ithaca, New York, to $5,000 / 1,000 \mathrm{~L}-1$. (Ikw. from SSS to $\mathrm{s} / \mathrm{off}$, which is at SSS in Now Orleans).
1090 K HA I Honolulu, Hawaii, 5, 000 U-1. Nove XR NW (may be same tower as KORL's)
1240 K.C L V Clovis, New Mextco, 1,000/250 U-1. Nove Xi SE.
W P NF Erevara, North Carolina, to $1,000 / 250 \mathrm{U}-1$, from $250 \mathrm{U}-1$.
1270 K VC C Winnfield, Louisiana, 1,000 D-1. Move XR NE.
1280 K O A G Arroyo Grande, California, to 1,000 U-4, from $500 \mathrm{D}-1$; move XR NE.
1300 K G IN S Laredo, Texas; to $1,000 \mathrm{DOl}$, from $500 \mathrm{D}-1$, same channel.
1400 W FT I Fort Lauderdale, Florida, to $1,000 / 250 \mathrm{U}-5$; move XR E.
1450 W OK K Meridian, Mississippi, Move XR NW, 1,000/250 U-1.
1400 K J D Y John Day, Oregon, to 1,000/250 SH-1, fr cm 1,000/250 U-1.
1500 K B L A Burbank, California, to 10,000 U-4, from $10,000 / 1,000 \mathrm{U}-4$, no change in daytime operation.
1510 W M B X Boston, Massachusetts, to $50,000 / 5,000$ U-4, from $5,000 \mathrm{U}-3$, no cizange N.
1580 II GAD Gairesvilie, Texas, 250 D-1. Move XP SE.

LIST OF $20-40$ WATT LPRTS OF THE CBC IN BRITISH COLUMELA


As you receive this issue, the oig Cedar Rapids NRC Convention will be only about ten days or so wray! Are you still deciding whether or not to attend? Woll, let ws urge you right here to stop dilly-dallying and make those reservations pronto, for you will be very happy you dia! Have you never before come to an NFC Convention? Well, don't be bashful - we would like to meet you, and we know you'd like to meet up with folks whose nemes and woris you have been following in these pages. You'll have a ball, wit: a capital $B$, so get in on the fun with the other NRGers \& friends whotal be closing in on the Iowa metropolis of Cedar Rapids, come the evening of Friday, September 3, and stay for the whole three days, Sept, 4-5-6, and enjoy yourself in our own litile world of $\mathrm{BCB} D \mathrm{D}$ ! You'll never regret it, frient! Come, and find out! See you in cedar?

Frog. Cull Locetion Ronturks
550 VILM Bloomsburg, Pu: S/off 21:02 PL. Huss Edaunds
550 WGR Buiffulo, N. Y. S/off 11:00 PM. Ednunds
540 CBK Roginh, Susk. Notod off 2nd time on Thur Norn. $3: 05$, Sum Johnsoy
560 CJKin Kirklumd Luko, Ont. SM SP 1:12-7:00 AM. Edmude
570 Whel Vuycroes, Gu. Hra RC/TT 3rd Tuo. 1:46-1:53 on 7/20 nild. S/om 5:00, Sun. 6:0C
590 IEET Boston, Muss. S/aff 11:00 PM. Edmuds (EST \&II Yr.Johuans
590 KUGN Eugono, Oro. likduy S/off 2:02 AIN. Sull Johnsom.
600 GJOR Vuncouver, B.G. AN w. SP. Mi 2:00-8:00 jor vori. Sum Johncon
610 CJAT Truil, B.C. Widuy S/off $2: 10$ AM. Sum Johnsom
630 KHOW Donvor, Colo. Hourd AN $2 \mathrm{MM}^{\mathrm{M}} \mathrm{E}$, Sum Johneon
770 KOB Albuquorquo, N.K. SP is Mi 2:20-7:30, Sum Johnson
790 KGFL Billings, Mont. RC/TT Ist. Wod.3:05-3:20. S/On Mon.-Fri.7:00, Sut.9:00, Sur. 10:00. S/off 3:00 AM. Add. P.O. Box 1746

800 KIIVI Junoum, Aluska MM S/off 2:30 MM., San Johnson
800 cKOK Ponticton, B.C. Whluy S/off 2:06 AM. Sum Johnson
810 KGO Sun Fruncisco, Cull toDuy S/off 3:00. Sum Johnson
850 CKRD Rod Door, Alb. SM S/Off 4:05 AM., Sum Johnson
850 WRUF Guinosvillo, Flu. SM S/on is $5: 30 \mathrm{AM}$. Williun Bons
860 KTRB Modosto, Cul. Wkluy Skod 6:45-1:30 AM, por phono cull, Sull Johnson
860 CFPR Princo Ruport, B.C. Valuy S/off $2: 15$ AM., Sum Johnson
920 WPTh Curtion, N.C. hut TT/FC on $7 / 22$ U $2: 01 \mathrm{AM}$. Bons
930 WBEN Buffulo, N.Y. Hud TT/FC on 7/22 at 12:30 AM. Bons
930 WRAT Fitorson, IN.J. Notod off thru 3:21 Tuos. 5/25 Posos
940 KIXZ Amurillo, Tox, Nov AN. SF is MW I: 30-6:00 AM. P.O. Box 10004, Johumm
940 WNRG Grundy, Vu. TT/FG hrd 7/27 (27) ut 3:05-3:18. Johuuns
960 KFVS Sto. Genoviovo, Mo. had TTIFC on $8 / 6$ ut $1: 15 \mathrm{AM}$. Bons
960 WTST Woostor, O. SM S/on is 5:54 AM. Rons
960 TPRT Prestenburg, Ky, hud TT/FC on $8 / 7$ ut 4:30-4:35, Sh S/on 6:00 AM. Bons
960 CKUS Kingston, Ont. Miday $5 / 0 n 4: 29 \mathrm{Al}$. w Can.Anthome Johunns
960 welli Now Huvori, Com, OC/M tost 8/6 at 2:25-2:35. Johumbs
960 VBRC Eirmingham, Alu. S/off 1:59 AM. Miko Tilbrook.
970 CBZ Frodorickton, N.B. CBC prog. thru CKCH FF \& WWSH ut 3:00 on 8/5.Johums
970 K00K Billings, Mont. Wikday S/on 7:00 Ain. Sum Johuson
970 KVEG Lus Vogus, Nov. Fikduy S/on 7:02 AM. Sum Johuson.
1000 WIOO Curlislo, Pu. S/on 6:00 duily (Aug.) Corroct Add. to 33 W. High St. Eanumde
1010 CFRB Toronto, Ont. SM. SP. 3:05-7:00 ALH. Edmunds
1060 CFGN Culgury, Alb. now 50 KWF . Sum Johnson
l060 KUPD Tompo, Ariz. AFF 6 days, SF is Mi 3:00-7:00. Sum Johnson

1150 WIMA Ligu, 0 . S/off cit 12:00 w SSB. Rogor Jinsor

1150 Kayo Souttlo, Wush. Off 2 Wis inn rov $7 / 12 / 7 / 19$, Buck on ugn on $7 / 26$. S. Johnson
1157 VOA Rog. SS INX, thon EE \& off at $2: 01$ on $8 / 5$ gavo 1160 but KSL had that, Johaiss
KSL Sult LuFo City, U. IAl SF is 2:07-8:00 AM. Sum Johnson
1170 KPUG Boliinghtm, Wush, Wkay S/off is 3:00 AM, Sum Johnson
1190 :LIB Now York, $\mathrm{N}_{*} Y$. Aug. its 6:00-7:45, Sopt. 6:00 A-6:45 P., Ednunds
1220 WRRS Wukkogan, ILJu. TT/M/c hrd 8/14 1:20-1:45 AI. Johums
1220 KEFD Oukos, lv.D. Furn Stutos Rudio. C. E. Gury Sundquist suys RC Ist Two. 2:30-3:00 AM. RS Aug. 7:00A-8:35 P. Sopt. 7:00A-7:00 P. Johume
1230 KRDR Grocham, Oro. Whay S/off $3: 58 \mathrm{AM}$. Sum Johnson
1230 VJOY Eurlington, Vt. S/off 12:03 AM. Bdmunds
1250 KTV Seuttle, Wash. Whduy skod. 1:15 AM-sunsot, S/off on SM \& imit 3:00, ehures
1250 KPAC Port Arthur, Tex. Mi S/on is 6:00, S.Johnson. (vith KZFSC, S. Johnson.
1270 KFJZ Ft . Worth, Tex. on AN Wh 8/9., Johums
1270 KLBR Lobanon, Pa. Vkday S/on 3:58 AM, Johanns
1270 KFFI Tvin FuIls, Ida. Wíl SF is 2:05-7:30 All. Sum Johnson
1280 WCFI Cumborlund, Ky. Aug. S/off 7:29 PM v Old Ky. Howo. Tilbrook.

Froq. Cull. Location, Romurks
1280 KVOX Moorhoud, Miun. TT/G hrd 8/6 ut.2:05-2:20, Johunns
1280 WQIK Jucksonville, Flu Diul Tr tost hri. $8 / 4$ 2:04-2:15 thru CJMS \& WADO AN's 1290 WOMP Bellairo, $0.5 /$ on $8 / 7$ at $4: 55$ AMi. Bons (Johunus
1300 \#KLC St. Albuns, F.Va. Had tost on $8 / 10$ ut 12:20-12:26 MM. Tilbrook 1300 MTN Worristom, Tom, Aug. S/off 7:30 PM. Tilbrook.
1300 TFRR Baltimoro, Wd. Wkday S/On 4:30 AM thru WERE AN. ( $8 / 10$ ) Johunns
1310 KFBB Groat Fulls, Mont, MM S/On 7:30, Sum Johmson
1310 WJLK AsBury Purk, N.J. RC 2nd Fri.12:30-12:45 AM. Usos TT. Ednunds
1320 WRJW Picayuno, Mise. Mkday S/on 5:00, Sun. S/on 7:56 A. por vori. S.Johnsou
1320 WILS Lursing, Mich. M4 SP is 3:05-7:30 AM. Edrunds
1320 MMSR Munchostor, Tonn. hud Nx ET on $7 / 22$ at $1: 36$ ALA. Bons
1320 VEPT Tashington, N.C. Hud ET at 12:11 AM an 8/10., Tilbrook
1320 WIAS Pitt sburgit, Pa. Wkiay S/on 3:30' t SSB (hrd 8/10) Johums
1330 km 位 Vhtorloo, Iowu Hut TT on 7/22 ut $1: 30$ AM. Bons
1340 KAOR Orovillo, Cul. Vkduy S/on 7:30.A. Sum Johnson
1340 KYLT Missoula, Mont. MAS S/off is $4: 00 \mathrm{~A}$. Sum Johnson
1340 WAIR Winston-Sulom, N.C. had FC ut 12:34. AiA on 7/12. Tilbrook
1340 WHI Loncir, N.C. Hus tost ut 12:30 AM ow 7/19. Tilbrook
1370 WSAY Rochostor, N.Y. S/off is 11:35 PN. Edmunds
1390 WKIC Huzurd, Ky. Aug. S/off 7:30 PM. Tilbrook
1390 HAN Luncustor, Du. Notod on notr AN format. Tilbrook.
1390 KLGIN Logan, Utuh wkiuy S/off 2:30 Atic. Sem Johnson
1390 KSLM Sulom, Oro. bkduy S/off 2:00 AM. Sum Johnaion
1400 WOND Plousontville, lV.J. Mi SP is 12:00-5:45 AM. Edmunds
1410 CHLO St. Thomus, Ont. Hrd S/off hero at 12:00 wid. No montion of Froq. chungo in
1420 VICR Ashland, Ky. Aug. S/off 7:30 Ph. Tilbrook. (vori Winser.
14:30 KLO Ogdon, Utuh. wkduy S/off 3:05 AM. Sum Johnson
1.440 KODIU Tho Dullos, oro. Sun. S/off 11:10 PL. S.Johnson (Fuli timo, I KT. Sum, JWB.)

1440 Why kortgonory, Alu. RS S/Off 1:03 AM. Hrc. $7 / 24 /$ Bons

1440 HEZJ Tilliamsburg, Ky. Had FC on $8 / 7$ ut $4: 10$ AM. usod many tonos. Bons
1440 WCHB Inkstor, Mich. AF oxcopt off $3: 00$ AIS on Mis s. All NN. 1 KW nitos. Johunus
1440 WROK Rockford, I2I. off AB. S/off ut 2:00 AM roturri ut 6:00 (8/6) Johumas
1440 MBCM Bay City, Mich. TP/Ex/C ut. 1:45-2:02 AM on 8/6, Johurms
1460 MACY Puscagoula, Miss. Now C.E., J.G.O'Brion, says FG is 2nd Wock 2:00-2:15 AL
1460 TiPRW Mincessis; Va. S/on 5:30 AM. Edmunds (BOX 1248, Johurnes
1460 miET Brockton, Muss. S/off 11:15 PM. Ednunds
1480 TISL Shamokin, Pu. TT/FC is on 3rd Tuo. ut 1:20-1:30 EDT nowe Johunas
1480 KYOS Morcod, Cul. Vkday S/on 7:00 AM. Sum Johnson
1500 MBRF Indianapolis, Ind. Sked. 5:30A-7:45 PN. Add. 4802 E.62nd. St. Johlans,
1500 WRER Pompton Lukos, H.J. S/off 5:00 PM tho liconcod to sunsot. Edmunds
1500 UFIF Milford, Comm. Hud OC ET on 8/3 at 4:45-5:05 PM. Muy bo on vory soone
15h0 KFA Spotano, Wish. RS. 8:00-2:50 AR. Sun Johnson,
(Edmunds.
1520 KMAN Portlond, Oro. ML S/off is 4:01 AM. Sum Johnson
1520 VTGR Myrtlo Bouch, S.C. Hud TT/ET on 7/3I ut 1:00 AM., JVB
1540 MRR Murshall, Mich. Studios lovelod by firo on 8/8. Rick. Evons
1540 KEVU Bollovue, Wäh. Off uir sinco 7/12. Sum Johnson
2550 KYHI San Francisco, Cul. Wkday S/Off 2:00 AM. Sum Johnson.
1550 गOKJ Juckson, Mies. Whay S/on is 6:00 All. Sumt Johnson
1580 TFYB Bonson, N. C. Hud ET on $8 / 6$ at $1: 34$ AM. Bons
1580 WJUD St. Johns, Mich. Hud TT/FG on $8 / 7$ ut $3: 32$ AM. Bons
1590 WSMI Plattovillo, Wis. Hud TT/FC on $7 / 22$ ut $1: 18$ AM. Bons
1600 WXKYI Troy, N.Y. S/an 4:00 AM. Edmunds
1600 WAM Amn Arbor, Wich. MM SP is 12:00-6:00 AM Edmunds
1600 WTRU Muskegon, Mich. Had TT/FC on $8 / 7$ ut 3:10 AM. Bons

- 1360 WMI Kelamuzoo, Mich. Dofinatly AN oxc. Mh. SP Il PR Sun,-6:00 AM Ms. Rick Evor Sorry hud to louvo out a for itoms, too for for 3rd pugo. Plouso continuo to sond ull DXDD itoms to J.W. Bruunor, RD-1, Box 61, Pumxsutumey, Pu. 15767.
many, Many TNX for your support of DXDD during pust soason, JVB.

| $\begin{aligned} & 550 \\ & 560 \end{aligned}$ | KOY | Edward R.Jonney, CE A 1220 | WLPO | Lawrence McCan, CE Req Mocaucland, RD |
| :---: | :---: | :---: | :---: | :---: |
|  | KSFO | Chas. H. Smith, St. Suo.A | WSOQ | Regr Mecausland, |
|  | KPQ | Joel Martin ${ }_{\text {a }}$ B | KAPT | Bob Stevens, PD F |
| 570 | KILAC | Richard J. Anderson, 3 A | KKARf | W䤈.A. Acord, OE $\bar{B}$ |
| 580 | KVI 9 | Dick Velo, OBe A 1230 | WCRO | Johni Kersheskey, CE G |
|  | OPRAq | George Roach, OE C | WQUAm | J.K.Iarson, CE E |
|  | WTAG | E.A. Browning, GE D | KFJBfm | Herb G.Anderson, CE |
| 590 | $\begin{aligned} & \text { KUGNP } \\ & \text { KBIISSm } \end{aligned}$ | Geo Hathaway $\quad$ BE Pimothy, $\quad \underset{\mathrm{P}}{\mathrm{B}} 1240$ | KVAKm | Winston Ridale, GM |
| 600 | KOGOq | Leroy A.Beliwood, OE A | WJTNCIh | James: ${ }_{\text {S. Hartline, }}$ CE I |
|  | CJOR | A.F. Erdman, CE ${ }^{\text {c }}$ | KDECm | Dewey Barth, CE |
|  | KIDDx | Robt.K.Sherry, P , B | WCNO | Jos. I. Lamb, Jrı., GM |
| 690 | WEID | Edwin B. Allen, CE G 1260 | KWHK | I.C.Sandlin, CE |
| + 730 | CKLG | Peter Mackintosh, CE E 1260 | WFBMa | Robt.W.Flanders; |
| $\pm 790$ | KTHR | S.Harold Jones, CE B | WIE | Marvin Mollring |
|  | WNO 9 | Robt. A. Ftase, TD B | WWTCIm | Caryl Force, CE |
|  | WVNY | Michael Yonkovis, DoE ${ }^{\text {c }}$ | KERGp | Wa. H. Green, CE |
|  | KNEV | Vincent L. Hoffart, CE F | WHKY | Thos.E.Long, CE |
|  | WAKYq | W.T. Hall, ACE - G* | WAVZC | Ralph Carfanno, TS |
| * 760 | KFMBm | Chas. $\mathrm{F}^{3}$. Abel, MoE A | WOSC | Robit.I.Rooney, CE |
| 810 | CHQRf | Mel Hoyme, GE 1310 | WRR | Billie Davis, S/MD ET |
| 850 | CKRDmq | Jerry Tenent $\quad \frac{E}{F} 1320$ | WBETm | Jim Grainger, III, CE |
| 860 | KSHAh | Dwight Allbright F F (320 | WRJWm | Floyd Bernard, CE |
| 870 | WPLO | John D. Wilson, M \# 1330 | KAHR | Ron Rose, CE, B |
|  | KIEVm | A. Costello, EiC A | KFACah | Leonard T. Robinsom AB |
| 900 | WDDTr | Julian Bishop, E E | WHOTq | Homer Wesley Boyd, E G |
| 910 | KANDp | Cal Carter, PD E | KYMO\% | Jack DuMars, CE A |
| 930 | WTADC | Lee Ellis, CE E E 13 | KAOR | Jan A.claire, PD |
|  | KITEm | Dave Scmibner, P\&GM E | WSOY | Frank Bowman, PD |
|  | WCNRR | Bob Fuzton, GE G | KXEOI | Jerry I..Johnsion, CE |
|  | WEOT | Robt. A. Moore, E G | KBPAm | George Whitacre, CE |
| 940 | WMAZq | W.D.Sowell, StE F | KPRKom | Stephen Phillips, CE |
|  | KIXZ | John Tudenham, E B | WJRI | Kent Atwater, M |
|  | WESA | Rom Price, CE , H | WORK | Ed 2ug, E I |
| 950 | KBOI | J.A. Johntz, CE B | KSROq | H. Canni, CE RI |
|  | KAHIx | Ron Knilght, $P D$ B | KLYD | Dick Brown, PD E |
|  | WIBX | J.T.Dowdell, CE O | KBNRm | A. I. Anderson, 0 \& GM |
| 960 | KFLN | Roger Lufft, GE H | WSIRq | G.V.Paul, CE I |
| 970 | KBEE | Albert Sohneider, CE B | KGB | C.N.Duncar, CE |
|  | WREO | Gordon F. Baldwin, E f/ 1 | KDTH | Donald R.Abitz, CE F |
|  |  | Frank 1N. Bernato, CE G | WLOV | Ron Reid |
| 980 | KFWBa | D.A.Stimmons, CE A | WKJGr | Erugene A.Chase, CE |
|  | KCAB | Boyd Hodges, CE (ET | WRBCm | Ferb Guthrie, CB |
| 1000 | WIOOns | Randy Greenway, CE HJ 1 | WEOKr | F. Brill, CE |
| 1010 | WINS | Hal Brokaw, CE H | WEAM | R.S. Houston, OE |
| 10.50 | CFGPq | Jim DeRoalaes, CE B | WONDq | Milton Thurlow, CE |
|  | WSERM | Jack Burgess, OE C | WYSL | James Moranty, CE I |
| 1060 | CJIR | Denise Par ent $D$ | KPAM | Bob Moclanathan, CE |
|  | CFGNq | R. Lambe E | WINGG | Jacob Yancey, CE |
| 10 | WKOW | Robt.J. Wiokham, CE K $\mathrm{K}^{\text {d }}$ | KUJ ${ }^{\text {a }}$ | Vern Russell, PD |
| 1000 | WYCG | Thos. Middleton, VP-E P | XexXe | Ruben Gonzales, S I |
| 1090 | CHECm | R. NeDonald, OE E | CKPTfs | mh Fred Owen, E |
|  | KAAYq | Felix MeDonald, CE K | WOC a | Paul Arvidson, CEi |
| 111 | KRLA | Jactereder, CE RA | KPEIm | Oscar I.Talbot Jr.,0 |
| 1130 | KVKHa | Prank Page, PD E 1430 | KUO | Wayne H. Moss, CE |
| 1140 | CKXIf | Wm. W. Martin, TD B | CKFHf | G.A.WiIson, CE |
| 1150 | WRUNf | Richard E.Thomas, PD D | WIREq | Gordon W.Trout, CE |
| 1180 | WLDSq | Roht. F.Germer, CE E 1440 | WBAB | John A.Blake, Jr. |
| 1190 | WLIB | Gordon Greenfield, E G | WQOK | John Hudson, |



Well, looks like a real hefty column, for a change. Thanks all for your contributions. Sorry about the delay on Tim Davissonts entries. Lost 'em. Keep 'em comin', guys.
REGARDING FURTHER ENTRIESE Send all contributions to my N.J. QRA for the next issue. Iexpect to advise all of my Postbox number at S.U by then. Anyone wishing to send them on ahead, the street address is 303. Stadium Pl. Syracuse, N.Y. 13210.

Watch for a change in the format of the $V / S$ column. I suspect RHC will break the details. In the meantime, PIEAS try not to repeat any signers listed in the previous 6 (six) issues!! They will only be dropped if I notice them.
**********
As of $8 / 17 \mathrm{PM}$, I have not yet heard from Bob Bruhns with the data needed to complete the stencil (s) of his crystal filter and Makino Noise Limiter Circuit. I will print this up for inclusion in DX NEWS as soon as I receive it. I also expect to present plans for ani antenna tuner for longwire antennas, providing there is sufficient interes Lets hear some comments on this.. Is it worth it??


## CENTRAL:



Thanks, everycne, for contributing to such a fine contest. It represents a lot of hard DXing; but turned out to be a lot of fun. Prizes will go to the three highest scorers of each division at $\$ 5.00$ wo win, $\$ 2.50$ to place, and $\$ 1.25$ to show, of course, in the East, this meana the mon who finished 2,3 , and 4 , since 执 1 s not seeking a prize ... nor is $\# 2$ in Central. The first and agcond prizes will be in the form of foreign stamps, domestic stamp, or combinations thereof; the third prize, U.S. stamps. Will the winners, therefore, plesse let me know what they want, and, if forelen stamps, which oned? The next contest begins September list, under similar rules, which should be published in the September NRC IDXD. I hope all of the above members will be back, along with others who like foreign DX. Entrance fee probably $50 \neq \mathrm{again}$, so get off to a good start... Ben Dangerffeld.

European Eroadeast Urion Supplament \# 41-A, as of July lst, 1965, shows the following:
548 ALCERIA. Bechar (20) on this frequency since late May, previously 570 kes .
SPAIM. RNE Oviedo (5) Heard here since 6/26; previousiy on 566 kc . 1
918 sPAIN . RNE Madrid-Argande ( 120 ) heard on $9286 / 18-6 / 25$, but back to 917 (nomanal frequency) then.
1040 MOROCCO . Tetuan I (20) heerd here $\pm$ I ke sinoe midulune, formerly on 1052 kc .
1052 AUSTRIA, Eed Goisern 2 (.05) in service since $6 / 16 / 65$; Gnund 2 (.05) in service since 6/4/65
1055 GREECE. Greek station on this chamel ( $\pm 1 k 0$ ) sinee early My, previousiy on 1069 kas.
1105 SPAIN. ECS-21, Eaeza (2) Cn this frequency since mid-vune; previous1y on 1097.
1164 SFAIN, R. Juventuad de la Costa Brava heard $5 / 12 / 65$ by one of our members.
1167 SPAIN. EfJm23, Albacete (2) On this frequency ( $\pm 3 k e$ ) since early May, previously on 1199.5 ke .
1197 POLAND. Unid. Polish station heard on $11945 / 19$ and $1197,6 / 15$ by one of our mombers.
1217 ALBANIA. Korce heard here in May by one of our members.
1246 SPAIN. EFEm 40 Palmos heard on $12466 / 19$, previously on 1227.
1273 ALBANIA. Altentan station heard here on $6 / 19$ by one of our mombers.
1331 PORTOCAL. Elvas (.1) on this frequency sine $5 / 6 / 65$, prevtously on 1358.
1.340 EALEARIC IS. EAK-18 Mallorce heard here $6 / 27$ by one of our members, previous 1dentifiecation on 1340 12/62. 1345.5 INTL. WATERS (England) A. Pomela heard here $5 / 19$ by one of our members.

1357 SPAIN. EFE-15, El Ferrol, heard here in midwhy. Previous identification on $1362 \mathrm{kc} 4 / 44$.

ANGOLA, Locel monitoring of ell stations in Angela has resulted in the following complete and up-tomete Inst: Emisori oficial do Angola, Luanda, 872 and 1295* R. Olube do Lobito, Lobito, 1466
R. Clube de Angola; Luende, 827
R. Clube do Huambe, Nova Lisboe, 1259
R. Ecclesia, Luanda, 1034

A Voz de Luanda, Luanda, 1547
R. Clube de Cuanza Sul, Novo Redondo, 1169
R. Clube de Mocemedes, Mocamedes, 1331
R. Clube do Congo Portugues, Carmona, 1187
R. Clube de Huila, se de Bendetra, 1367
R. Clube do Kalenge, Nelange, 1205

Re Clube do Ble, Sllva Porto, 1385
R. Clube do Moxico, Luso, 1214
R.clube de Cabinde, Cebinda, 1349
R. Comerciel de Angola, Se de Bendeira, 1405+

* Due to gove to 1124 and 2412 kc . respectively.
+ Sohedule 0030-0400, 0500-0800, and 1200-1800.
( ScDR \#820)
EGYPF, Reception reports to Radio Cairo should be sent to Propagetion Department, Telavision Euilding, F* O. Box 1186, Cairo. (SCDX \#822)

TRUST TERRITCRIES OF THE PACIBIE ISLANDS:
There has been an expansion in the redio service of the Trust Territories of Marianas, Marshall, and Caroline Islands:

| Loortion | Call | Kes. | Watts | Sked, EST |
| :---: | :---: | :---: | :---: | :---: |
| Ponape, Eestern Cerolines | YSZD | 2450 | 1000 | 1530.0700 |
| Moen, Truk, Eestern Carolines | WSzC | 1500 | :1000 | 153040700 |
| Seipan, Martana Islends | KJER | 1350 | 1000 | 1530 m 0700 |
| Keror, Palau, Western Carolines | WSZB | 2500 | 250 | 1530-0700 |
| Mejuro, Marshall Islands | wszo | 2440 | 1000 | 1530-0700 |

A sixth station with the power of 1000 watts is to be opened in Koror shortiy. (NZ DX Times) WSZA, Yap, West Carolines, also operstes on 1480 with 1000 wetts. (IRCA)

PIRATE STAPIONS: World Redio Bulletin \#77l lists the following fun-down;
R. Garoline North, P.O. Box 3, Ramsey, Islo of Mer, located on $\mathrm{M} / \mathrm{V}$ Caroline, 4 mles off Frinton on Sea. $\mathbf{2 5 2 0}$,

10 kwe , Scheduled 0000 m 1400 ( $0100-1500$ winter.
R. Ceroline South, Caroline House, 6 Chesterfield Cardens, London W.l., England, located on the MI Amigo anchored 4 miles off Harwich, $1493 \mathrm{ke}, 10 \mathrm{kw}$. $0000-1400$ (hinter 0100 m 200 ).
R. City, Record Centre, Whitstaple, Kent, England, Located on A.A. Guntower et Shivering Senda in the Thamea Es. tuary, $1033 \mathrm{ke} 60 \mathrm{kw} 0200 \mathrm{~m} 1400(\operatorname{Sun} 2430)$, 1621 kc .56 kw . 1300 (Sun 1145) -1400 (Sum 1430)
King Radio, Oxford House, Folkestone, Kent, England, Loceted on A.A. Guntower at red Sands in the Themes Estury, $1268 \mathrm{ke.} ,\mathrm{I} \mathrm{kw,} ,\mathrm{Soheduled} \mathrm{0000-1200} \mathrm{( } 0100 \mathrm{~m} 1300 \mathrm{WInter}$ ).
Radio London, 17 Curzon Street, London W.C.2, England, located on former J.S. Minesweeper Celaxy, anchored 4 miles off Fininton-onmsee, $1133 \mathrm{ke}, 50 \mathrm{kw}$, Sked 0000 m 1500 ( $0100-1600 \mathrm{winter}$ ).
Radio Verontca, P.O. Eox 218, Hilversum, Holland, on M/VVeronice, anchored west of The Hague, $1562 \mathrm{ke}, 3.5 \mathrm{kw}$. Sked 0100-1900.
OTHER PIRATES REPORTED:
R. Albatross, 78 - 80 High Street, Gosberton, Spalding, Linos., England.
R. Atlante, Dublin Bey, Ireland, 1558 kes .
R. Lambey, Dublin Bay, Ireland, 600 kese
R. Shannon, Coaster Viking off the Mouth of the River Shamnon, 1499 ke .
H. Atlantis, a Belgian station projected.

Star Club Radio, a projected 150 kw station located between Helgoland and the German Coast.

WHATES HEARD...
540 留CIOD. XEWh, San Luis Potosi, S.L.P. Noted in very well $8 / 7$ about 2340 . Usually not hoard after DST. (Edmunds, Ned.)
545 NICARAOUS. YNCR, R. Corporecion, Nanegue ( $5 \mathrm{kw*}$ ) is now on the air on thds frequency, not 540 as per ifst. (Schatz, Fle.) lagged on Ron Schatz $\mathrm{y}_{\mathrm{s}}$ tip. Seems to be AN; Clobberod most of tiae by CMAN slop. (Silvera)
550 CWhe CTAN, R. Rebeldo, Pirar del Rio. S4 all morning 8/8, Jammer faint, but noticoable. (Edmunds, N.J.)
570 CUBA. CM-, noted much stronger here on Tuesdey mornings when WKBN is off. They tust have inereesed power. (Tilbrook, Pe .)
 anthem. Not sure. You should hear the XE. Could also be Nocaracuen. (Silvera, Jamaioe) Probably XEPH (Ed)
630 CUBA, CMFQ, Sante Clera, has raised power to 50 kw . dey \& night. Louder than CNG-640.in Miami. (Schate, Fle:-
（more from Richard wood）or other，by one felrly clear station．Stetions heard betweon July 28th and August 8th wewe：GET－540；VOCM－590；CKCM－620；CEN－640；WNEC－660；CJCN－680；WNAC－680；CBF－690；WABC－770；CRDK－790；WHBH－ 850；CIIT－860；WCBS－880；GIER－900；CKLH－900；CJCH－920；GJON－930；CRM－940；WLOF－950；CHNS－960；CKBK－1000；CFRB－ 1010；WINS－1010；WEZ－1030；CHUM－1050；WHN－1050；CBA－1070；WBAL－1090；CBD－1110；WNLS－1130；GEI－1140；WRVA－1140； CRSJ－1150；WNDB－1150；Marathon－1180；WCAU－1210；FCAR－1220；WFVA－1230；ZEML－1235；CKBL－1250；HEZE－1260；WAME－1．260； CJCB－127O；CJMS－1280；WADO－1280；WKNE－1290；CBAF－1300；WHR－1300；WLOB－1310；CKEC－1320；WMID－1340；WROD－1340； WBDQ－1340；WAVY－1350；CKBC－1360；WKAT－1360；WLCY－1380；St．Pierre－1375；WCSC－1390；WPOP－1410；WENE－1430；WAB－ 1440；CDG－1450；WOKO－1460；WLAM－1470；WTOP－1500；WMEX－1510；WKBW－1520；WCKJ－1550；WGXR－1560；From Latin America too many to list．New loggings，not noted here before，are LV10－620；LVI 4 ． 630 ；LVh－ 900 ；mqny Argentines ome pouring in each night，starting with LR1－1070 at 1700 EST prompt，when Paris－1C70 signs off．＂Some very beauti－ ful summer DX Richard，and further incentive for the guys next summer to keep their djels loose．（Ed．）
 ROY PATRICK，erby，England，reports＂Guite a bit of dx coming in at 0330 cmp ，chiefly South Americans but a few state－side stetions are audible．＂Roy lists 764 Dakar fair at 2300 GMT ，CRN； 950 LR 3 ，R．Belgreno，Duenos Aires； 960 CHNS，Helifax，fade out et $0400 \mathrm{GMI} ; 1010 \mathrm{WINS}$ fair up to $0430 \mathrm{GMT} ; 1070 \mathrm{LR1}, \mathrm{R}$ ．El Mundo，Euenos Aires，fair； 1130 WNEN poor with a lot of CRN； 1157 Swan Is．，R．Americas；still audible with good sigral at O430 cmP； 1232 Voice of Moroceo，Tangiers，heard well in the Iato ovenings； 1495 Radio Caroline south now hea a newbcast on the hour； 1520 R ．Caroline North now on the air $0000-0200 \mathrm{GMT}$（ 1900 m 2100 EST ．）INDIA，AIR Broadoast in a newseast thet the new 1000 kw station inEastern India should be on the air by the end of 1966 or aarly 1967 ． Russian ecurpmonta＂

## BEAZILIAN CALL AND FREOUNVCY ALLOCARIONS <br> Ey Renald $F$ ．Schetz

The deep South American countries are united by a radio agreement strikingly similar to our own Mable of the five participating nations（Argentina，Erazil，Chile，Pareguay，and truguay），Brazil is singled out as having the seoond largest number of bCE stations in the world（nearly 1000）and the only country of the five with gopar－ ate freouencies resorved solely for low－powered stations，which compirse themafority of broadeasters in the coun－ try．

The＂Internationsi＂frequencies allocated to Brazil are 600，700，720，740，800，860，880， $940,980,1000$ ， $1040,1100,1180,1220$ and 1280 ．It is interesting to note that all these frequencias can be divided by 201 Moximum power is 50 kw ，end the general rule is usually（but not always）one station per frequency，

Erezilian＂greveyarders＂usually occupy the 13 frequencies reserved for them，but there ere many exceptions． The frequencies are $820,1460,1490$ and 1510 through $1600 \mathrm{kc} / \mathrm{s}$ ．Powers are 100,250 or 1000 watts，sometimes differing dey and night．Almost all of these stetions are located in the southern－most part of Brazil．

The other frequencies are regional，with two or more gtations on ach．Most use 10 kw day and 5 kw night，bd other power combinations，including 25 kw ，occur，along with a for＂gravoyarders，＂

Station－class illustrations：Regional－mpry－840；International－PRB9－1000；Local－ZYK30－1560．
As is the case in Colombie，Brazilian calls reveal their history．The oldest are PR ${ }^{2}$ ，the third letiter ranging from A to $L$ ，and the final numeral from 2 to 9 ，thus PRA2 through PRL9，＂Mddale－aged are the one－dagit ZY＂s，ranging from ZYA2 through ZYZ9．

The newest calls are 2 or 3－digit $2 Y^{\prime} s$ ，with the 3rd lettor indicating the＂estado＂or＂territorio＂where the station is located．A few examples follow：

| 2YF\＃\＃ | Maranhäo | ZYT\＃\＃ | Ceara（Fortaleze） | 2YK\＃\＃ | Pernambuco（Recife） |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2YN／\＃ | Bahia（Salvador） | 2YP抽 | Rio de Janeiro | ZYR铎 | Sexo Paulo（SEBo Peulo） |
| zxs\＃\＃ | Parana（Curitiba） | 2YT／\＃\＃ | Rio Grande do Sul | TYVf解 | Minas Gerais（ Pelo Ho |
|  |  | ZYZ\＃\＃\＃ | Guanabera（Rio do |  |  |

Next：Argentinna

DCMINICAN REPUBLIC．There is a sitght mix－up with＂Re Santo Domingo Television＂stations．A membor of wIDXA in Puerte Rico says there are two sets．．．one is the＂old＂ono and one is clandestine．I do not agree with him． It appears to me that it is onenotwork justusing some stetions for olandestine purposes．The ones heard here by me are：

860 Sento Domingo 1370 Santiwnomingo 1370 Not $100 \%$ sure，but believe
1250 Sentiago 1350 La Moca 1530 Santo Domingo／Berahona．
I heve heard clandestine programs on 1370 and 1530 ，both of which are announced when the network IDs．He also reports clandestines on 950 ， 1208 and $1336 ;$ I have heard the first two but the Iatter seems to be just 1530 slipped down，as I did hear it once thereabouts．Desides，it would be stupid to have two stations in the same town only 6 kcs apart．Well，I dunno．Anyone else herr them？（Silvera，Jemaica）Hope eventually the political situstion（and the radie aituation）wan get straightened out in this neighbor to the south．（Ed．）

960 LUIDD, VOA station, yystery. Vague sard received frompoh, Weshington, verifying their iTransmission from Washington, D.C." Tais in reply to a query as to who had their "Ereakfest Show" on $5 / 26$ at 0230 m 0300 and on, mentioning $1259 \mathrm{kc} / \mathrm{s}$. No mention of location or station, then thought to be a temporary Domint cen Rom public outiet for our tropps there, but others lean toward thinking it is ZFIm, Dermuda, relaying VOA. inyone know for sure. (Cooper, N.Y.)
1000 MEXICO. XEOY, R. MII, Mexico, D.F. heard s/off at 0101 8/2. (Cooper, N.Y.) Must be what I heard here Hes not Colombian, so that leaves little doubt. (Edmunds, N.J.) Read on! (EC.)
NICARACUA, YNY, R. MAI, Menagua. Heard s/off et 0104 on 8/2. The two R. Milis in and out with one another, YNY with old USA tumes and Spanish ennouncemento. S/off with (apparently) the Niciaraguan National Anthem. So there are at least two Radio Mils being heard in the $0,5 . A$. Agein in nicely $0000-0006 \mathrm{~s} /$ off on MM $8 / 9$, fine signal, and report sent. (Cooper, N.Y.) You dianit give me one of these in DST, did jou? (Ed)
1020 EOLIVIA.CP-4, Le Pez, could be the Unid L*A, here very briefly heard $7 / 26$ at 0533 to 0541 fade. Fretty suréno ID's were given during this period. (Seaver, Calif.) Is heard on West Coast mirs after 0540. S/on believed to be 0530 . Addeess is believed to be Av. E. Camacho Edificio Krsul. Program "Cantaras de Bolivia" with ID's as "Emisore del Estedo." (IRCA) GWTRMALA, TGUX, Guetemale. Heard to $s /$ off .0055 on $8 / 2$, nice signal. Goes off "Cold", ne NA. Announcements in Spanish. (Cooper, N.Y.)
1034 PCRTVGAL. SSR-2, R. Clube Portugues, Lisboa. Loudest European during August 0000-0100 fade. Ferfectly readsble. (Schatz, Fla.)
UNID.VOA noted $7 / 31$ with special English program at 2014, with French efterwards. Where??? Marathon??7 (Bruhns, N.Y.) 4VEF, Cap-Haitien, carries VO Special English Newe 2000-2014, then Frenoh. (Ed.)
 ID atop WHO at $01238 / 9$. (Silvera, Jamaica)
1060 UNDD. Leti Heard here $7 / 26$ at $0610-0630$, very weak, and in XBRB's shedow, but there. Is XEDP on now? I figure it was either they or cm06. Anybody see it different? (Seaver, cellf.)
1070 COLOMELA/UNID./NEN ZEALAND, HJCG, Bogota, always dominant Monday mornings. $7 / 19$ saw 12B, Auckland, thirough at times, best at 0240, with another Spanish-speaker under HICG after 0400. LR1? (Seaver, calif.)
DOM, REP. Emisora HIBF, Santo Domingo, struggied atop HJCG for ID only at 0001. IDs as "IBE". 7/16. (SIIverc, Jamaice)
1100 COLOMBIA, HJAT, R, Reloj, Berrenquille. In and out with HJCN most every Mondey morning. - HJar seems to be the dominant one. (TLIbrook, $P a_{0}$ )
1140 GUEAN JAMMER. Noted in equal with WIIE both over WVA 7/23 2317-2322. (Edmunds, Nos.) ver, Calif.)
1175 EL SALVADOR. YSCD, Le Voz del Pecifico, Sonsonete, no ID heard on this one 7/19 at 0617, but whe else? (Seem/
1195 COSTA RICA TICA, R. Columbia, Funtarenes, very good 7/19 at 0615. (Seaver, Celif.)
1220 MEXICO. XEB, Mexico, D.F. S2-3 0055-0100 8/O. (Edmunds, N.J.)
1250 VENEZUELA, YWN, R. Caroni, San Felix, believe this is YV wth Loterta ads, oto., etop Relof 7/27 at $1810_{*}$ (Silvera, Jumica)
1270 UNID. Seems to be a femper for the Cuban on this channel. Could it perhaps be in the U.S.? (Cooper, N.Y.) What about jammer here and on 5507 Can you "loop" them, G.P.N.? (Ed.)
1295 SINT MAARTEN, PJD-2, Ph lipsburg, like a ton of feathers $7 / 12$ from 04300448 . (Seaver, celif.)
1370 NEXICO C Campeche, logged with special pragram $7 / 11$ at 0200 under WBGA TT. Not what $I$ heard here before. (Schatz, Fla.)
1380 MEXTCO. XECO, R. EEO, Me.ico, D.F. poor signal along with WBNX. $7 / 12$ at 0049 . (Silvera, Jamaica) WNID. Lefa Spanish speaker bore through WLCY IDring as Radio Equis (X); could it be YNX relay moved from 1970?? Heard at $22068 / 8$. (silvere, Jama10a)
1385 COLOMBLA. Caracol outlet being clobbered by 4VS at $18507 / 27$. (Silvera, Jamaica)
1406 CLANDESTINE. R. Libarted operates here. ID in Spanish: "misoras Internecionales, R. Libertad, La Voz Antia Comundsta de America. ${ }^{\text {t1 }}$ In Engiish: "This is the Internationel Shortwave Station of Radio Libertad, the Anti-Cominist Voice of fimericea one monitor heard adaresses in Spanish es Apto 5657, Caracas, Venezuela, and P.O. Box 2113, M1ami, Fle. Another heard address in Eng11sh as P.0. 耳ox 5650, Caraoes, and 2114 oocan View Branch, Miami Beach, Fla. (WIDXA) Anyone hoar in North Amerion? Any loop bearings?(fd)
 at whioh time IF and E2O esteblished that it was a Far West African. Then got a note from Ron Schatz gaying he had heard en Baglish speaker on the freq around 0115, which upset me greatly sinoe might have been Kaduna violating E20 prodictions; Happily, Bamako egrees most excellently with predictions. Signal strength intermeciate betwoen Ibaden-1358 and Dakar-764, so likely is 30 kw xmitter ilsted for 1430 rather than new high power xmitter. Carriar s/on about 0045 nightly oxcept Sume, IS on native instrument (Sounds like autoharp) at 0058, followed by sfon in French. Mach native W. Africen music until fade-out about 0120 (E20 about 0118). Freq. varies a bit: on $8 / 4$, started on 2415.82 , and ended up after erratic wanderings on 1415 . 45 , so xifiter

640 UNID. LeA. What is the station under CMO every night? Is this tho colombien station? (Tillrook, Pe.)
650 EL SALVADOR. YSS, San Salvedor. Over 2 under WNBC slop 1955 on $6 / 16$. No sign of WSM audio.e. only Open Carrier. (Edmunds, Noil) I still hear YSS on 655, Russ. (Ed.)
670 colcumiag how, te Voz do Bello, Bello. Readable under MMAC 0006-0009 8/8. No positive ID, but heard mention of Colombla. (Edmunds, N.J.)
675 NICARLGUA. YND, Union Redio, Phnegue; Heard 8/8 $0011-0013$ under heavy het. Agein with Spanish masio 0137. (Edrands, Nov.) Schodule change? After 0100, I*ve heard the costa Rican ANrer elone here, following YND a/ofi. (EA.)
683 SPAINo R.N.E., Sovilla, loudest of the RNEts during late July and early fugust past $2300 \mathrm{~s} / \mathrm{on}$. (Schatz, Fha.)
700 COSTA RICA. THB, R. Reloj, San Jose, noted at fatr level $7 / 30$ at 0605 with Spenish rook. Verified severel years ago on 690 kc . (Callammen, Texas)
720 CUEA. Who is this $37 T$ Where and what powerfi Heard along with jammor $8 / 70140-0150$. Heard gein $8 / 8$ ebout same time. (Edmunds, N.J.) PFS listed published 3 issues ago shows Colon as leoction, 30 kw . as power.
730 MEXICO, XEX; Mexiso, gtrong gill AM 8/8. (Edmmds,NoJ.)
797 MOZAMBIGUE. A. Clube de Mocambique, Lourenco Marques, best audio so fer from i.c.M. noted on 7/28. SADC and the usual Mgerians also good. (Nelson, Mass.)
750 JAMATCA. J. B.C. Point Celina, best over $7 / 26$ at d 452 giving FM frequencios. (Seaver, Callf.)
$760 \mathrm{MEXICO}_{\mathrm{A}} \mathrm{XFABC}, \mathrm{R}, \mathrm{ABC}$, Los Reyes, Mex. must be AN. Noted $7 / 260449-0456 \mathrm{wJR}$ SSB et good level; elso heerd AM of $7 / 30$. (Callarman, Texas)
NHW ZEALAND. ITA, Auckland, hearc pipe and ID $8 / 2$ at 0600. (Soaver, Caidf.)
764 SENBOAL. Deiker. This station is being heard even in August here. Heard $8 / 2$ at 0115 S-6. (Cooper, N.Y.)
770 EL SALVADCR. YSKLE, SAn MLguel, logged with excellent signel $8 / 2$ paralleI 760 \& 750 before 0100 s/off. (Schatz, Fla.)
785 BARBADOS. R. Barbados, Bleck Rock. Here from 795, thanks to PJE. IDrs: TThis is Radio Barbados, 7m5 kilem cycles, $t$ e Voice of the Eastern Caribbeane" (Schatz, Fla.) Heard on new frequency on $8 / 10$ at 2005 , sti.11 $\mathrm{BEC}, \mathrm{Sm}$ 7 to 8 . (Sohmidt, Pa.) I guess ay now everyone knows that R . Earbados is on 785. (Dengerfiled, Pa.) Definitely heardion new spet, with fine signal, but no different here from when they, were on 795. (Cooper, N.Y.) Changed to this frequency probably to get away from RJH-800 CRM (T1lbrook, Pa.)

795 BARBADOS. Black Rook. Logged for solid hour 6/16 from 2005 to 2105. Report oust next day, but no answer yet. Do thoy still verify? (Edmunds, N.J.)
UNID. Noted U.S. music about $21307 / 28$. Bonairel Faded badiy, No ID noted. (Eruhns, N.Y.)
800 EL SALVADOR. YSAX, R. Penamerica, Sen Selvador, Slogan and call letter IDis at 0551. (Seaver, Callf.) Noted at good leval 7/30 0557-0614, with comeroials for "Nacioneles" oigarettos between each aelestion. Then whole string of commercials 0611. (Callarmen, Texes)
830 VENEZUELA. YVLT, R. Miranda, Los Teques, with poor signal on frequancy boabed of late by HJDM. Noted $7 / 21$ at 1827. (Silvera, Jamaica)
835 GIMG. New Peking outlet heard in New Zealand very strong in Chinese at 0945. (NX DX TMes)
840 ST, LUOTA R. Caribbean International, Castries, in French clobbered HJBI 7/18 at 1842 . (S1lvera, Jamatca) SURINAM. R. Apinthie. Heard ID in Spanish which sounded like this one. Could it be so, on so late? 2309 7/26. (Silvera, Jama: a)
UNID. LeAA Spanishmspeaker, seens to be running all-night now, heard on Monday morning 8/2, su5 or so, around 0130. (Cooper, N.Y.) Heard nothing on channel $8 / 16$ after 0104 s/off of Radio Emperacor. Perhaps you have FhH-9, ANF, Emile. (Calliman, Texas)
850 ALASKA/TRUGUAY KICY, Nome, holding this chemel $8 / 6$ at 0400 , with CX-16, $R$. Carve, Fontevidee, breaking through aceasionally. (Seaver, Calif.)
 VENEZUELA, YVOF, R. Boliver, Civ d Bolivar, is noted on this frequency in Trinddad. (WIDXA)
870 culh. R. Rebelde, new one, location unknown. If not in Oriente Frovince, power could bo as much as 50 kw . Cleer all day. Noted first $8 / 4$ 1830. (Silvera, Jamaica)
880 PENU R. Union, Lam, heard to s/on daliy at 0600 with four chimes repeatad for several minutes. Power 10 kw. (ITGA)
890 WID. English-speaker here Monday $7 / 19$ at 0314 during ThS SP. Too week to get any 1dea of programming, but occesional words came through. Possibilities are 5AN, VRH-9, and AFRS-Adek. Fummmm. (Seaver, Celif.)
935 MOROCCO. R.T.M., Agedir, noted loud with morning chanting $8 / 9$ pact $0100 \mathrm{~s} / \mathrm{on}$, even louder then Dekar- 764 . (Sohatz, Fla, )
947 TMID. LeA. Almost due south of Memf, eccording to leape Eouador very possibie. (Schatz, Fle.)
950 COSTA RICA, TIECO, R, Eeo, San Jose, a bit garbled from overmodulation. ID's with bird calls. Noted $7 / 18$ at 0017. (SIlvera, Jamaice)

## SCHEDULES, LOG CHANGES, ETC.

539 KWWATT , Scheduled in English 1200-1400. (NZ DX T1mes)
565 E. MALAYSLA. 9WD221, Sabeh, operates here with 10 kw ( NZ DX T1mes)
677 JORDAN. Jeruselem, now uses $200 \mathrm{kw*}$ (NZ DX Times)
680 VENEZUELA, YMR, R; Earquisimeto, increase in power to 20 kw . coming. (WIDXA)
685 THAILAND. HSCV , Presumbly Langkok, operetes here with 20 kw . until $1200 \mathrm{~s} / 0 \mathrm{ff}$. NZ DX Times)
750 E. MALAYSIA, 9 WD209, Stabah, operates here with 5 kwe (NZ DX TImes)
800 JCRDAN. Ammen now uses 200 kw . (NZ DX Times)
835 ADEN. Aden Forces Eroadcast Association, ex- 900 kcs , now hera. (NZ DX Times)

930 E. MLAYSLh. 9 WD204, Sabah, operates here with5 kw. (NZ DX Times)
1131 CONGO(Leopoldvillel. R. Leopodville uses this frequency. (whis $/ 4772$ )
1250 TANZANIA. R. Tanzanie third progrem scheduled 0900-1100 (WRB \#/769)
1520 THATLAND. Radio 20, P.O. Box 2129, Benckek, is seheduled $1800-2200,2300-0200$, $0430-1200$, with News in Tatish 1830 and 1000 , French 0655, according to verifcation. (NZ DK Yimes)
1550 LAPAN. F.E.N., Itazuke, now uses 10 kw . (NZ DX T1mes)
1570 NGZFOLK IS. VL2NI, 26 wetts, broedcests the monthly sessions of the Norfolk Island Council at 0330 on the first Tuescay of eaoh month. (NZ DX TImes.) Drool! (Ed.)
 R © Y PATEICK... sends a second report in just et deadine. "I start off this time with some nows an : PIrate stations: R. Caroline South is to have a 50 kw tx to cover a wider service area. Ro Sootlend. This pirate radio ship project has been dropped. R. Faloon. is due on the air very soon, no further details yet* R. City. The Dristol Chennel stetion will be on very soon. No frequency given yet." Roy moves on to DX heard: 764 Dakar audible eround 2330 CMT ; 800 PJB fair at 0330 cmP withenglish Nows; 960 CINS Helifex good at 0400 GMT; 962 Tunis, good at 2200 GMT for English program. 1010 WINS, New York fatr 0330 OMT; 1050 win fair to good. 1070 R. E1 Mundo, good at 0330 CAT fade at 0400 ; CEA, not audible until about O400 CMT; 1210 wCAU quite good until 0430 GMT ." Roy reports the following QSL's: WWVA card; RNE San Sebastien letter; KING Redio, card; Emissores de Norte Rounidos, Portn, letter; SEC Weles, Letter; and Roy closes with this note from the Isie of Men: Thanx Radio is to eet moro power in the futures a new tx stn is to be built in the contre of the island, 750 feet above sea level."

## 

SUFREMACT RATINGS...
Applications to take over this duty have come in, in chorologicel order, from Willim W. Willis, is Cresconta, Callf., and Norm Maguire, AIbuquerque, NM. Decision will be made at the NRC convention in Cedar Rapids. Anyone else wish to valuntegr??

OEDAR RAPIDS... Musings, IDXA and DXDD editors, publisher, and many key DXtert will be there. Irm bringing my forelgn veries and a complete file of $D X$ Newses, dating back to 1940 . It will be a great show, yy friends, with the possibility of a few surprise visitors, as well. If you cen possibly make the last minute plens for the big blowout, do so. Toutil never regret it. Also, thereill be some spirited eompetition for next yearts convention site, and the convention-goers make that deoision. See ye there.
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9. Roy Petrick, 8 Sidney Street, Derby, ENGLAND
10. Dave Sohmidt, 44 Green Lane, Green Ridge, Chester, Pa. 19014
11. Ronald F. Schatz, 510 N.E. 158th St., No. Mami Beach, Fle. 33162
12. Randy Seaver, 2119 30th St., San Diego, Cailf. 92104
13. Michael A. Silvera, 5 Trenton Ave., Kingston B, Jamaice
14. Sweden Calling DX'ors (SCDX), Radio Sweden, Box 955, Stockholm 1, Swedon
15. Mike Tilbrook, 261 Hoodridge Drive, Pittsburgh, Pa. 15234
16. West Indies DX'ers Assocation, 21 Richmond Street, Port of Spein, TRINIDAD
47403)
17. Richard Fe Wood, 11, Norwood Ave., Newcestle upon Tyne 6, ENGLAND. (After 8/22: $207 \mathrm{E}, 16 \mathrm{th}$, Bloomington, Ind,
18. World Redio Handbook Eulletin, Lindorffsalle 1, Hellerup, Denitaik. Good show this time. Thanks. 73 JAC
not xtel controllea. Signal quite good and severe fast fade seems to be due to poor freq. control rather then lohospheric offects. Going back through ny rocords, I find thet this station egrees perfectly in E20 time and DF bearing ( 99 degrees) with the unid. West Aerloan heard and reported by me last $12 / 22$ at 0130 on 1416, at which time was essumed to be NES, Kedune. Irve had the computer calculate back for condx that nite and I find that the station heard at that time wes much more likely to be Bamako than Kaduna, based on E20 considerstions, Aftor 17 niehts of listening, have naver heard English, only French, so ID of station heard by Schate still a mystery. Mali logged as Country \#105. (Nelson, Mass.) "La Radiodiffusion Netionale du lail." First heard $8 / 2$ past 0100 to 0132 fade withplenty of West Africen music. Loop pointed streight Fast, but too late for Kadune-14l6. Thought at first lingo was English, but turned out to be Frenoh. Loop and 0120 initial aunise fede indicated Western Mali area, but nothing listed. Gordon Nelson said probably Bamako- 1430 ( 30 kw ) moved over. $8 / 10$ montoring brought the following s/on sequence: 0045 - open carrier, deteotably drifting in both power and frequenoy, meking it herd to neil down and loop; 0055-1000m cycle tone, poor modulation; 0.058 . IS on "khora" went something like umbbbbbbbbbemeAmeanase" rofrained. 0100- band music, probably anthem; 0101- ID by tenormoiced man: "ICi la Radiodiffusion Nationale du Mali..."" then a bunch of frequencies, otc. Sharp, natural fade followed. Gone by 0135. Not heard 8/8, probebly

2470 YENEZUELA, Somene here mentioned "bolivares" otc., but Ron Schatz says "IA Voz de Apure" 1s deloted. Whot Anyone else? Noted at $20137 / 22$. (Silvera, Jemaice)
1484 SENEGAL. R. Senegal, St. Louis, he probably the faint signol hare around $01308 / 9$. No ID, not oven good audio, but seemed to parcillel 764, etc. Loop also said St. Louis, only possible 1484 at the time. (Schatz)
1500 UNTD. LeA. Mystery Spanish-speaker heard $7 / 25$ around 0200 , seams to be 011-night. In and out with KSTPmAN. (Cooper, N.Y.) HoN back on frequency? (Ed.)
1573 COSTA RTCA. TRTU, R. Union, LAberia, reported on this frequency with news and music in Spanish. (WIDXA) Check this one, pleese, as the station, which formorly operated on 1505 , was reportad deleted several years ago by DX'or who visited Cogta Rice this winter. TIJJG, R. Columbia, Palnares, has been heard on 1575 this season. (Ed.)
1580 MEXICO. XEDU, Hermosilio, Son. Fut in Sm signal 7/23 2325-2335. (Edmunds, N. 5 . )

VERIFICATIONS..e
584 SPAIN, R,N.E., Nadrid, sen nice CSL-card for $3 / 22 / 65$ recpetion. No signer. (Tilbrook, Pa, )
685 GUATEMALA TGRT, R. Fabulose, Guatmela. Sent nice 0 Simeard with 680 kcs , on cerd. Address for them is Estud10s: Vie 6, 3-79 zone 4, Apartado Postal 1466, Guatemale. (Tilbrook, Fa.)
715 HoNDTRAS. HRTV., R. Television, Tegucigalpa. Sent nice letter confirming $4 / 18 / 65$ reception Also sont two Chs of both their transmitters. Addressalpertado Postel No. 734. (Tilbrook, Pa.)
764 SENECAL. Dakar CSI wth black and white picture of a fish next to a coil of rope with Radio Senogal printed in upper left corner. Reverse side hes frecqueneles and compents in French. Report wes for 12/28/64, and the card has the date of uy follow-up report, $6 / 27 / 65$. (Dreut, N.Y.)
782 PCRTUCAL CSB 9 , Miramar, sent beautiful QSL card confirming $3 / 22 / 65$ report. Central office is Parede; Portugal. (T1lbrook, Pa.)
795 BABBADOS, R. Barbados, Black hock, sent usual form oir lettor for $3 / 21 / 65$ report. Signor is Dennis Vance, CM. and F.O. Box is 795 . I wonder if this wili change to 785 . (Tilbrook, Pa.)

845 TTALY. R.A.I. Roma, sent usual RSL card. Address: RAI, Direzione Programm por imestero, Roma - Via del Dabuino, 9. (Talbrook, Pa.)

1035 HATPI . $\mathrm{VGH}, \mathrm{Cap}-\mathrm{Haltien}$. Sent OSL end pamphlets; also says new outlet soon on 820 . I don't see this ohe staying there very long, though; they are bound to have CNKC and HJE trouble. (Silvera, Jamaica)
1214 ENGLAND. $3 B C$, sent usuaz non-specific CSL oard confiming reception of Light program heard in April. (Tilbrook)
1235 BEMMDA. $2 \mathrm{BM}-1$, R. Bermude, Hamilton, in follownup report, sent a pepared card, and it came beck in two weeks. (Draut, N.Y.) Sent nice post-card CSL confirming $3 / 28 / 65$ report. Reports should be sent to the prom grenme director, but sigher unreadoble. (Tilbrook, Fe.)
1295 ENGLAND. BDC, Crowborough. Sam cerd as 1214. Signer for both is K. . Sturley. Adaress Bush Houso, Strand, Kondon, W.C.2. (Wilbrook, Pa .)
1390 DOM, $\mathrm{nEF}, \mathrm{HIDB}$, R. LIbertad, Santisgo, sent nice, colorful hand-painted card plus post-cerd v/s. Director seme as per MRC list, namely: Abraham Venderhorst* (Silvere, Jamaica)
1430 PURTPORTCO $W N E L$, R. Caribe, Caguas. Sent beautiful letter verifying $3 / 21$ reception. Signer is Gabriel Figuaroa II, Erec. V.P., Americana Hotel. (Tilbrook, Pa.)
1530 PURRTO RICO. MUPR, Jtuado, Sent lotter confirming $9 / 22$ reception. Signer is Jose A, Ribas. P.O. Box is 68\%. (Tilbroolf, Pa.)

LAST CALL FOR GEDAR RAPIDS: ! :
DATE: SEPTEMBER 4, 5 and 6, 1965
, IOR S2laI
HEADQUARTERS: ROOSEVET FOTEL, CEDAR RAPIDS, IOWA S2LOI
RATES: Single $\$ 6.95$ to $\$ 12.95$ Double $\$ 9.95$ to $\$ 19.95$.
Suites available; Bachelor quarters; Fanily rates. We suggest you write for a rate card. Hotel reservations available at Roosevelt Hotel either direct or through me at the address below.
SATURDAY NIGHT BANQUET will be at Bill Zuber ${ }^{1}$ S UDUGOUY", Homestead, Iowa. Bill is a former New York Yanice pitcher turned "restaurateur": We will order from the menu. (Top Steak is $\$ 3.00$; ranging dow in price from that figure). Time for the Banquet is $6: 15 \mathrm{p} . \mathrm{m}$. CDT.
COLLINS. TOUR has been arranged for those interested.
ANYONE ARRIVING VIA PURLIC TRANSPORTATION -- let me know when you will arrive for transportation to hotel.

United Airlines \& Ozark Airlines at Municipal Airport ( 4 miles from hotel). Milwaukee Railroad (Union Pacific) at Marion ( 4 miles from hotel).
Fock Island Railroad from Minneapolis \& St. Louis in Cedar Rapids (about i mile from hotel).
Greyhound Bus - Trailways - Missouri Transit - Jefferson Lines - all serviced at Union Bus Depot ( 4 Wlocks from hotel).
We already have reservations from a good group of DXers, but will need some more to have a large turnout. Friends are welcome, too. Will everyone who plans to be here, please let me have a caxd or letter as soon as possible, so that I can get some fairly accurate preliminary idea of the size of the group. If you find you can come just at the last moment, but have not made reservations, come on myway! we 111 take care of everyone! BOB GORSUCH, 2509 "D" Avenue, NE, CEDAR RAPIDS, IOWA 52402
 I have many items sent directly to me that I can't find space for. May I acknowledge visits here in Kittanning from TOM FARMEIE and DOUG WIST of Pittsburgh, Mr. and Mrs. EV JOHNSON and DAJGHTERS who stopped for a short but most welcome visit, TTM DAVISSON of AReron, Ohio along with his father and brother. Also had a short visit from FRED PFAFFI, who lives in nearby Valencia, Pa , and an overnight visit from JIM WARNER AND WAYNE PLUNKREII of Toronto who were headed for Pittsburgh. Glad to have visitors at any time.
Len Kruse forwards me a letter received from Ray $F$. Syslo of Radio K-TTT, Columbus, Nebraska. Mr. Syslo has answered 211 reports received on their DX program, asks to be forgiven for the delay, etc. He mentions receipt of some nasty correspondence from some of you impatient DXers. Werli print his letter in full next issue. Meantine thanks to Ernie Weslowski for his help in getting this station to answer. From DAVE SCHMDT, L 4 Green Lane, Green Ridge, Chester, Perna. I9014 comes word of a DX program. Dave has lined up the first one for the DX calendar as follows: KNWS 1090 kcs. Waterloo, Iowa will conduct a test on November 1, 1965 from 3:00 to 3:30 AM EST. Reports with return postage go to Walt Rice, Engineer, KNWS-AM, Waterioo, Iowa 50702. More details Iater when the DX Galendar is resumed on Page 1.
Dave Schmidt also asks us to insert a request for a used HQZoo. Aryone with a line on such equipment will please contact Dave at above address.
May I express a word of appreciation to many of you who have inquired of me in the matter of special printing orders. I regret that my facilities do not permit me to accept any orders for QSL cards, etc. Your home tow printer will be your best bet! If you want to use the clib emolem", III be glad to lend you a mat for this purpose. Self-addressed stamped envelope, please.
NRC REPORT FORMS AND LETTERHEADS are now available with your name and address immintec free of charge. Minimum order must be for 500, any assortment. The cost is $\$ 5.25$ postage paid. Allow ten days extra for delivery.
FORTY PAGRS AND NUMEROUS ITEMS HAD TO BE CARRIED OVER! Old Sweetie Cake is sure to ask for a raise - - or worse - - threaten to resign! C if in C R - - RHC.

COMPILBD BY HENRX J.WILKITSON, JR., 6620 BEEAM AVEME, MORTH HOLJYKOD, CALIFORIIA

| 1. Hank Tyndalı | (VAC) | $\frac{\text { Iocat Ton }}{\text { Vermont }}$ | $\frac{\text { TOTAL VER }}{6550}$ | $\frac{\mathrm{FOR}, \mathrm{VER}}{}$ (271 | $\frac{\text { \# CTRIES }}{163}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2. Kermit Geary |  | Pennsylvania | 4,581 | 780 | 163 82 |
| 3. Bob Botzum | (VAC) | Pennsylvania | Lu18 | 518 | 72 |
| 4. Len Kruse |  | Iowa | 3826 | 77 | 15 |
| 5. Stan Morss | (VAC) | Massachusetts | 3516 | 329 | 69 |
| 5. Ernje Cooper |  | New York | 3337 | 271 | 56 |
| 7. J.W. Routzhan |  | Pemsylvania | 2967 | 190 | 42 |
| 3. Morm Maguire | (VAC) | New Mexico | 2827 | 21.8 | 50 |
| 9. Ev Johnson |  | Illinois | 2633 | 113 | 26 |
| 10. Walt Goldy. |  | Mlinois | 26014 | 119 | 17 |
| L1. Gene Allen | (VAC) | California | 2521 | 349 | 52 |
| 12. Dick Cooper |  | Pennsylvania | 2266 | 110 | 31 |
| 13. Ken Mackey | (VAC) | New Zealand | 2245 | 2191 | 123 |
| 14. Hank Holbrook | (VAC) | Maryland | 2170 | 523 | 91 |
| 15. Ray Edge |  | -New York | 2133 | 66 | 21 |
| 15. Art Cushen | (VAC) | New Zealand | 1811 | 1746 | 108 |
| 17. C. P.Atherton |  | Massachusetts | 1805 | 79 | 35 |
| 18. Roy Millar |  | Washington | 1600 | 283 | 60 |
| 19. Ron Schiller |  | New Jersey | 1590 | 157 | 72 |
| 20. Frank Wheeler |  | Pennsylvania | 1509 | 71 | 22 |
| 21. Ralph Sperry |  | Connecticut | 1505 | 85 | 32 |
| 22. Fred VanToorhees |  | Pennsylvania | 1418 | 1 l | 42 |
| 23. Roger Anderson | (VAC) | Virginia | 11,214 | 400 | 92 |
| 21. Andy Pugg |  | Quebec, Canada | 1271 | 150 | 52 |
| 25. Steve Johnson |  | Maryland | 1169 | 196 | 69 |
| 26. Pete Taylor |  | California | 1090 | 204 | 55 |
| 27. Robert Duggan |  | Georgia | 954 | 70 | 30 |
| 28. Ernest Wesolowski |  | Nebraska | 810 | 32 | 15 |
| 29. Clarence Freeman | (VAC) | California | 808 | 182 | 48 |
| 30. W.W.Willis | (VAC) | California | 807 | 113 | 1.8 |
| 31. Hilding Gustafson | (VAC) | ㄲlenois | 783 | 239 | 78 |
| 32. Joe Fela |  | New Jersey | 738 | 35 | 24 |
| 33. Ken Butterfield |  | Michigan | 737 | 35 | 25 |
| 3h. John Callaxman |  | Texas | 718 | 106 | 42 |
| 35. Eric McIntosh | (VAC) | New Zealand | 686 | 635 | 63 |
| 36. Carl Dabelstein |  | Nebraska | 671 | 30 | 28 |
| 37. Dave Pope |  | South Carolina | 639 | 110 | 57 |
| 38. Mike Tilbrook |  | Pemsylvania | 616 | 36 | 25 |
| 39. Richard George | (vac) | Kansas | 66 | 36 | 22 |
| 10. Alan Merriman |  | Virginia | 596 | 50 | 45 |
| 11. Dan Phillips |  | Tennessee | 517 | 35 | 23 |
| 42. Jerry Conrad |  | Kentucky | 471 | 33 | 27 |
| 13. John Sampson | (VAC) | New Jersey | 436 | 68 | 50 |
| 1,4. Rob Karchevski |  | Massachusetts | 422 | 15 | 12 |
| 45. Ben Dangerfield | (VAC) | Pennsylvania | 341 | 270 | 100 |
| 46. Hank Wilkinson | (VAC) | California | 283 | 268 | 53 |
| 47. Gary Collins |  | New Jersey | 246 | 1.3 | 36 |
| 48. Bob Leamy |  | Pennsylvania | 245 | 34 | 30 |
| 49. Jim Gangler |  | Maryland | 244 | 124 | 5 ? |
| 50. Greeg Calkin |  | Hew Brunswick, | Can. 239 | 68 | 4 |
| 51. Hal Robie |  | Massachusetts | 235 | 121 | 69 |
| 52. Ron Musco |  | Connecticut | 222 | 9 | 9 |
| 53. Roy Patrick |  | England | 168 | 162 | 67 |
| 54. Charles Mohr |  | New York | 165 | 6 | 7 |
| 55. Russ Edmunds |  | New Jersey | 145 | 5 | 7 |
| 56. John Draut |  | New York | 140 | 6 | 8 |
| 57. James R. Neff |  | New York | 131 | 13 | 12 |
| 58. Paul Hoffrnan |  | California | 125 | 15 | 15 |
| 59. Len Dunikoski |  | New Jersey | 120 | 26 | 26 |

1363.5 SPAIN. FCS- 44 Ciudad Real ( 3 kw ) on this frequency since early My; previously on 1360 .
1373.5 SPAIN. EAJ -45 , Denia, heard on 1379 in May and here June 8 th by one of our iiembers. Previous 1dentification on $1378 \mathrm{kc}, 10 / 64$
1385 FRANCE. Le Mans heard on $5 / 19-20$ by two of our members; then no longer in service. (These the auto race dates $f$ If so, look next yeer. Ed.))
I448 ITALY. Udine 2, Power increased to 2 kw since 12/12/64.
1475 EZECHOSLOVAKIA. Unid. Gzech station heard very rarely late May and mid Jume.
1482 SPAIN. ECS-24 Cerona, heard on this frequency since late May by two of our members, previousiy on 1424. This frequency $\pm 2 \mathrm{kc}$.
1497 SPAIN. On this frequency ( $\pm 1 \mathrm{kc}$.) since carly June. (Also heard on $1477,1487.5$ and 1512 kc. ) Is TaJ. 34 , Gi\$on, 2 kw .
1500 SPAIN. EAJ-64 Segovia heard on this channell $5 / 22$ by one of our members. Previous it on $24975 / 64$.
1559 Yucostiavia. Unid. Yugoslav station heard here $5 / 16$ by one of our mambers.

Richard E. Wood sends two reports from Neweastle upon Tyne, England, between last month's deadine and this: MThe first of the Spenish MW stations to ciose down in favour of $\mathrm{FM}_{\mathrm{g}}$ in accordance with the Spanish governments dacrea, is EFE-15, La Voz del Perrol, El Ferrol del Caudillo, witich oeased operetion on July 24th. I have ©SL, for July 22nd for $1356 \mathrm{kc} / \mathrm{s}$. (Nominally 1358 , so stated in OSL), so, I presume, the last esE listed for WiN by thet station. Siened by J. Enrique Alvarez del Castillo, Director. Now only on FM. The second station to go the aane way is, I understand, EAJ-4, R. Galicia, Santiago de Compostela, Elso in the province of La Corufa, formerly on 1448. Can this be taken to indicate a weve-like sweep over the country; starting in the northmeasti This is of course pure speculation. I am, as you will realize, in a frenzy of report-writing to spantsh stations at present to obtain all the oSLrs in time." (Will be ancious to see the ESt-harvest from these efforts at the Cedar Rapids convention, Richard. And will be pleased when the situntion in Spein is straightened out so that some form of stablility can come to a listing for that countrylll -Ed)
Richard also reports: ( $7 / 20$ ) Conditions on the trans-Atlantic routes have been oxcollent during the past month. Two pecks for reception, here in England, of North imerice, were neted: July 6th end July 18th. on both these nights, WJJD-1160, the -arthest west heard at this season, was well received. The nights before and after July 6th brought good reception of the Camadion Mariti es, with some W.S. stations coming in well, notabiy WRVA-1I40, which is most unusual here, since CBI-1140, is usually dominant. The southeast and the New England area were well audible, but New York was poor, on such nights. The peak night, july 6th, skipped right over New York and the New Englend area. WJJD wes dominant and other stations from non-登st coast regions were noted. Regular powerhouses like CBA and CJON wer: skipped over. The next peak night, July 18th, brough no such skip effect. Although wIJD wes quito good, there was a regular and logical hierarehy of strength from thecoast iniand and downwards, with the Maritimes and New York dominarit, although, being summer, some southerners such as WCSC-1390 end WLCY-1380 were noted. A full 11st of the North Americen sheard here this month is: CKCN-620; CBN-640; wNPC-660; CJCN-680; WNAC-680; CJOX-710; WADC-770; CFRRC-800; WGY-810; WHDH-850; CDH-860; WCBS-880; CJ $\mathrm{CR}-900$; CJCH-920; CJON-930; CBM-940; CKAB-950; CHES-960; CKBW-1000; WCNS-1010; WBZ-1030; Sugarloaf-1040; WHN-1050; WRCV-1060; CBA1070; WBAL-1090; CBD-1110; WNEW-1130; CBI-1140; WRVA-1140; CTFJ-1150; WJJD-1160; Merathon-1180; WCAU-1210; WGAR1220; WEZE-1260; WAME-1260; CJCE-1270; EYMS-1280; WROC-1280; WKNE-1290; CBAF-1300; WLOB-1310; CKEC-1320; CFGEm 1340; CKEN-1350; WAVY-1350; CKEC-1360; St. Pierre-1375; WLCY-1380; WCSC-1390; WPOP-1410; WENE-1430; WALD-1440; CBG-1450; WOKO-1460; WPCR-1490; WTOP-1900; WMEX-1510; WKDH-1520; WCKY-1530; CDE-1550; WQXR-1560; CBJ-1580. South limerica has also been excelient this month, with peaks for the West coast more than one night, notably to Santiago and Lima. At 2255 EST on 7/18, after e night of North Americans; there was a swing to W.C.S.A., and OAXLTh-1320 wes heord like a local. Latin Americen loggings are: PRF9-640; CB66-660; PRC7-690; LR6-790; FJR-800; FRA2-800; LUT2-820; PRH9-840; CXI6-850; PRA3-860; LRA-870; ZYU33m88; ZYI23-900; YVPF-910; LR4-910; 2P1-920; YVOP940; PRF4-940; LR3-950; ZRF1-960; PRP3-960; YVNM 1000; FRB9-1000; ZYN23-1010; LT4-1010; YVAR-1020; PRG2-1040; CX26-1050; CE106-1060; LRI-1070; CX28-1090; PRG9-1100; PRI4-1110; PRF7-1110; LR2-1110; LOך-1120; HJAC-1130; YVNA1130; CE114-1140; LV2-1150; Americes-1155; PRE3-1180; CB118-1180; YVO2-1200; PRH9-1200; YVMN-1210; PRi9-1220; LT2 1230; 2MM-1235; 2YCi4lim1265; ZYD5-1270; LSII-1270; WCNN-1280; FJD2-1295; ZP10-1305; Fort-de-France-1310; OAX4I1320; LT14-1330; PRH6-1340; WIVV-1370; ZYK31-1370; PRD5-1400; $2 \mathrm{ZYK} 30-1560$, .... Antenne in use for above recep tions was a 4 foot loop of seven turns, with a. 500 pf. capacitor, and the inductive loop coaxially fed to the receiver, which is a Marconi CRIOC." "In the second report, fichard writes: "The predicted North Amorican peak around August $2 n d$ did, in fact, occur, although acturily the two extreme dates, July 29 th and August 4th, were the bast. These two peaks were different in tinat, on July 29 th, reception quite far inland (WoKs, Miss.) was possible, while on August 4th, Southern Areas, especially those on the Atlantic coast, were dominant, with little sign of inland regions, and a spread of stations from the Paritimes, down through New England, the mid-Atlantic coast, and into Florida. While on other nights, such as Aug. 5 th, the shareci frequencies were messy, with many stations Pighting each other, the hth was an outstanaing night for greveyards, several of which were dominated, at one time

