JULジ 11.1973
"Please renew my membership for a second year; I wish I'd joined NRC years ago! Count me in as another completely satisfied member!"
(Rich Frcho, Ohio)
IN THISISSUE...
DX Treasures: Risks and Protection - Andy Rugg
The Barlow Wadley XCR-30: A Review - Mike Hardester
NEW MEMBERS THIS WEEK...
*Stephen Pitts, 2170 Church St. SE, Salem, Ore. 97302
*Stephen Cheiuk, 2243 Grayling, Hamtramck, Mich. 48212

* Earl Jesse, 1815 Sweetwater Rd., Spring Valley, Ca. 9207?

Welcome to the Club, people; we hope to be reading of your DX'ing efforts often here in DX NEWS.

RENEWALS THIS TIME...
Sharp... Morss... Burger... Frcho... Poterba... Duggan... Wolf... Reh...

## PATTERN BOOK AND LOG MAIL DELAYS..,

At least two dozen members have written to report that their Logs and/or Pattern Books had not arrived. The problem turns out to be the Post Office (again) - a large batch of First Class items - clearly stamped and bearing almost a dollar in First Class postage - were all treated as Third Class mail. IDXD Editor Page Taylor reports that his copy of the Log, marked First Class and with $88 \%$ worth of postage, required 6 weeks for delivery... If you haven't gotten your item yet, that's no doubt what's happened to it. If it's been more than 6 weeks since you ordered your book(s) via First Class and they still haven't come, let us know and we'll send you a replacement copy. Two requests: if we send you a replacement copy and the original comes straggling in, please send one back to $H Q$ - otherwise you'll be cheating someone else out of his copy. Secondly, if you are the victim of a six week delivery of a First Class item, please send us the envelope and we'll raise the appropriate Hell with the local P, O, Thanks for the help. .

## MAKE YOUR PLANS NOW FOR THE 1973 NRC BOSTON CONVENTION

This year's NRC Convention will be held from August 31 st through September 3 rd at the Sheraton Commander Hotel in scenic Harvard Square, Cambridge. This is an extremely central location in a very interesting area. The tentative schedule, according to Convention Manager Big George Kelley, will be: Friday checkin, registration, and informal discussion. Saturday - station tours or visits to the local surplus electronics stores in the AM; technical sessions and equipment demonstations in the afternoon. Banquet and awards during the evening, followed by informal gettogethers and DX'ing. Sunday afternoon will feature the business meeting, etc.; technical sessions in the evening, and

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-(hopefully) a MM DX'ing session on the 6,600 foot Beverage antenna. This'll depend upon lightning activity in the area, of course... Monday will be a free day with no scheduled activities.

RESERVATIONS for rooms must be in by AUGUST 15th and each DX'er should contact the Hotel directly regarding his room reservation. Rates are $\$ 18$ for a single, $\$ 24$ for a double, and $\$ 30$ for a triple. Be sure to indicate whether you want a single, double, or triple when you make your reservation; people can pick their own room-mates when the time comes...

Harvard Square is serviced by the MBTA (formerly the MTA of Lost Charlie fame) from the Airport, bus terminals, etc. We'll run a Convention form next issue so that we can arrange pick-ups, etc., along with maps, etc.

## UPCOMING PUBCOMM CHANGE. .

A highly qualified group of members has voluntecred to assume the publication workload effective the end of the Volume year; we are holding back the formal announcement here until they have completed their negotiations with the printer. Many aspects of the change-over will be discussed at the Convention; no interruption of NRC operations or services is anticipated during the transition period.

## DOMESTIC LOG CORRECTOR NEXT ISSUE...

Ron Musco's compilation of all corrector and update information submitted to date for the new Domestic Log will appear next issue; all material from this time on will appear in DX NEWS in the form of Log Updaters.

SUMMER SCHEDULE FOR DX NEWS....
Due to the lack of material on hand during this execrable summer DX season, we've shifted the schedule around a bit; there'll be an extra issue in August when hopefully cx improve a bit; this'll be instead of the midsummer issue.

## CREDITS AND KUDOS...

Composition and publication of the past few issues by Ray Moore, Cary Pall, Bill Bailey, Diane Nelson, BGK \& GPN. Special thanks also to Frank Waldron for recent help on sample bulletins.

## NO IDXD THIS WEEK...

Page Taylor reports no support for IDXD this time except for Bill Bailey's Logging of Gabon on 1554 s/on with IS and man in French at 0430 on May 19th.

MAKE YOUR CONVENTION RESERVATIONS NOW! Write Sheraton Commander Hotel, 16 Garden St. , Cambridge, Mass. 02138; indicate that you're coming for the NRC Convention!

JEFF ROBERTS = 945 Fast Moore Street - Decatur, Illinois - 62521
I'm overdue for a report. First, I want to congratulate everyone whi made the new Domestic Log possible. My totals by month this year are: Janu-ary-56, February-37, March-26, April-17, May-2. Now that school's out, I've been doing some SRS listening, During the past week, I've noticed as wuch as an hour difference in the s/on times of various kNoX-1310, N. D. in weakly w/r/c e 1:30. I rarely get a good opening into North pakota so reception of these two stations I rarely get a good ope
was most welcone. 73 s .

KEN CXYSCHUK - 12934 Page Court. - Blue Isle, Illinois - 60406
Hi again. A few interesting notes in the last month. 5/21- I wes trying for the Phillies-Pirates game on WCAU-1210 when I ran into something that was not to be found in NA just \& fter 9pm during SSS. I heard internatiom 1 mX followed by ID: HCJB, quito, Ecuador. I belleve it was a split requency near 1210. It came in well to SE most of time. I aiso caugn around 1040-1050k It certainly surprised we. I ha it on my mothem 6/17-18 miles NH of Blue Islanc. I was up late Sun. PM-M 6/if local superpest wLS 890 of'f the air just before lam. Then I heard Rev. Ike on Super-CFL - 1000 till 12:30 mixing it up was Then wCFL s/off e 12:30am. (Is this CDI, Ken? LRC) WM back to the 890 area. HCSS-880 in well alone. Chmb-900 ont. in rar brierly, then knocked off © $1: 37$ to sleep. Oh well, it was interesting for a change. I caught Braves-Dodgers game 6/19 © 12:30. WSM-6, not at its best sigmal, so over to WSB-750, in much better even during a rainstorm in the local area. WJOL-1340 Ill. s/off, then a newle, WIIT Milwaukee $W / N X / W X 8$ lam, ny farthest graveyarder at night. I received my Domestic log recently. Congrats to the crew for an ex cellent job. I'm still waiting for my NRC renewal form. Is the daytime pattern book available yet? I could sure use it. One more nemfe to report, but forgot the date. WMBD-1470 Kll. s/off e 1, then 1 caugnt wor woleco w/ry w/week GHW in background. I will cut off for now. I hope to read of much Mugings in future Sumer issues. C'mon, Big Brn needs the work. 73.

RICHARD WAMMN Jr. - 12 East Cak - Villa Park, Illinois - 60181
No $D X$ of late to report. I plan to buy a realistic $D X-150 \mathrm{~B}$ RX. I also plan to buy a Space Magnet antenna. Any suggestions would be welcome. I am willing to trade SCs. What do you do when you are taping znd a buzzing noise starts to interfere? Do you know who got "1 QSL from WWWE? Do you count stations when you use a timer and tape recorder? What do you do about postage for stations out of this country? How long does it take to verify PJB? So long for now from the home of the two World Series teams.
BLAKE LaWRENCE - Box 803-Canon City, Colorado-81212
Hello a11. This member is coming out or the BCB DX season with no great claims, due mostly to lack of interect here. After reading of Eric D Ricco's death a few issues aco, you way wonder what will happen to our DXtras column. I plan to send in a column this Summer, but this will probably be the last column unless someone else wants to continue it next season. I will be at tending the University of nenver beginning in September, \& I'd rather not have the added responsibility of Dxtras to take care of. If you are interested in editing the column, write. In short, DXtras is NOF dead, but it may be soon. In other news, I've left KFLN-1400 and am now weekend jock at KKAM-1350 using the air name of Larry Blake (ah yes, Top 40 Padio!) This Sumer, I'malso studying now and then for my First Class license, which may be at the end of a steep and rocky road, hi. But it doesn't hurt to try. Attention aircheck collectors: I can get recent checks of Pueblo \& Colorado Springs rockers, plus not-too-recent ones of Denver stations, cassette only - write first if you'd like to trade. I also welcome correspondence from those bitten by the Broadcasting Bug as badiy as I. Tc let someone who has something to say, say it, I'll get out of here- 73 .

PETERA. ROMETKA - 17 Old Caks izad - Rosemont, Pennsylvania - 19010
Well, I think it is about time for another Musins. This is my post-graduation Musing. I've had a lot more time to tunethe dals $\&$ a few more stations have been heard since last time. I have been concentratine mostiy on the locals and regionals, because of the usual 1 CX found at this time of the year. Here goes. on 6/7 WDOV wes heard w/rr on 1410 k from 4:40-5:01pm zDr. On 6/10 WFBR-1300, Baltimore, was heard /rr from 9:44-10:Iqua. WKST was heard on $6 / 11$ from 1:19-1:50am on 1280, New Castle, Ra., rr. WAMS-1380, Wilmóngton, De1. was heard from 12:16-12:35pm w/rr on 6/13. WPAZ-1370 was heard on 6/13 from 12:49$1: 13 \mathrm{pm}$, Pottstown, Pa. w/MoR. WILM-1450 Wilmington, Del. was heara same date from 2:48-3:13pm w/rr. WASA-1330 Havre de Grace, ma. was heard on $6 / 15$ frcm 2:30-2:57pm w/MoR. Finally, on 6/16 WBNW-1170 Somerville, N.J. was heard from 1:45-2:05pm w/MOR. I hope to be listening in more now that school is over with I would like to hear from any member in the Tri-State ara. To everyone, 73 in 73 and good DX to all. Let's hear it for the Phillies. (Pffftt- ERC)

HARRY J. HAYES - 9 Hency Street - Wilkes-Barre, Fennsylvania - 18702
With college gradustion coming up $6 / 7$ it looks like more free time at least until Fall when $T$ will transfer to a school in Baltimore. Not much DX to report. $4 / 29-$ WKCW-1420 Va. heard © $7: 34 \mathrm{pm} \mathrm{w} / \mathrm{c} / \mathrm{w}$. 5/15-UnID-1540 signing uff in a robut-like voice - WRGM3 5/31-8:15pm WFIR-1570 Dundee, N.Y., Jack Clancy, s/off announcer. $6 / 1,8: 45 \mathrm{pm}$ WEND-1580 Pa. Summer was a long time coming. Would you believe we had a good snow on May 18 th? There was about $2^{11}$ at my Pocono location and the city even got a good coating! But now summer's here sizzling and flzzling with $R X$ static.

JIM POIERBA - 949 Queens Drive - Yardiey, Penngy lvania - 19067
Greetings, a11! Very little to say this time; TV DX has been active for the patt week or so, and has attracted much BCB DX time. However, here's what we ve had: $5 / 28$ - CBD-1110 s/off 12:08am, CKEY-590 2:50am, new station KHYM1060 atop $\mathrm{W} / \mathrm{ET}$ 4:20am. 6/2- WIPA-1450 s/on 5:56am. 6/3- WMAJ-1450 atop all
 1460 briefly a s/orf $8: 44 \mathrm{pm}$. 6/8- WVAM- 1430 to pattern change $8: 45 \mathrm{pm}$. W:201460 briefly atop $8: 34 \mathrm{pm}$, and finally, 6/9- WEBO- $1330 \mathrm{~s} / \mathrm{off} 8: 45 \mathrm{pm}$. A few veries have found their way in, including: WERE WFRM CHUM WKBO WLCC WDEE KHYN WTRN WSM WGR WREO WKSM \& CKEY. That about sums everything up, so 73 s , and let's hope
Summer CX don't get tog bad.

NANCY CANTZER - 3122 Simpson Avenue - Apt. 1 - Hoquiam, Hashineton - 98550 H1 there. Just a short Musing to keep ERC happy. If you've been woncering, yes, I still do DX in spite of very little time to listen. In Mey I joined the staff of KGHO AM \& FM and work in the traffic department. As far as DX goes, only three stations are audible here days (KBKW KXRO KGHO) but KGHO poses a big problem since their XR is only two blocks asay. WCJW-1140 M.Y. finally went on the air $5 / 16$, w/an MoR type format $\mathbf{I}$ believe. No other to report, but 111 report anything good that happens to-come in. For anyone needing a KGHO verie send your reception report to me c/o KCHO (address in NRC Log).
I'll warn you now, make those reports good as I'll be critical. Have fun Sumer DXIng. 73. (Good luck in the west, Nancy - how about a KGHO TEST? -ERC) (To non-IRCA-ers, Nancy has recent ly resigned as IRCA Forum-Fast editor -ERC)
TAN MORSS - Foute 3 - Bradford, Messachusetts - 01830
A few veries - WRAR \& WWWE, both old reports \& no f/up. Only report out to WKPQ-1320 ex-WJAS az they already have applied for another change to WKT? and wy semi-loca 1 WKIG will be to WKTP. Dr. Pepper keeps you going ask Bis George. Come to the Walpole Sheraton for your bottle of $\mathrm{Ge}_{\mathrm{e}} \mathrm{H}=\mathrm{lp} \mathrm{p}$ and-Co-Dr.-Pepper we'll have a king-size for mave schmidt.

CHARLES R. "CHUCX" RADER - 22 Robert Street - Hamburc, New York - 14075 I thought that you might like to know that WCJW-1140
is now on RS. They are the new station in Harsaw, IT.Y., $1,000 \mathrm{D}-3$. Address given on air: WCJW- Merchant Padio - Warsaw, N.Y. 14569 . They are mostly Mon. June s/off is $8: 30 \mathrm{pm} ., \mathrm{Ax}$ network starts in a week or co.

GET READY - IT'S GELTING VERY CLOSE! NMTCH - WE'RE TALKIHG ABOTT THE CONVENTION:

CiLIFORNLA ANGALE' Bitsinitl Natwork 5
ARIZOMA:
1340 K F B R Nogales HAWAII; 1080 KHAI Honolulu 1400 KTUC Tucson
K V OY Yuma NEVADA: 1230 KLA Las Vegas

CALIFORNIA:

| 610 | KA. V L | lancaster |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 620 | K NGS | Hanford | 1340 | KS FE | Need 1er: |
| 710 | K M P C | Los Angeles |  | KATY | San Luis Obispo |
| 970 | K CHV | Incio-Coachella | 1440 | K PR 0 | Riverside |
| 990 | KGUD | Santa Barbara | 1450 | K P S I | Palm Springs |
| 1230 | K WTC | Harstow |  | K T I P | Porterville |
|  | $\mathrm{K} \times \mathrm{O}$ | E1 Centro | 1560 | K P M C | mekersfield |
|  | K P R L | Paso Robles |  |  |  |
| 1240 | K S M A | Santa Maria | bbmit | ed by Cha | 1es Mohr. |

STAN MORSS wants to know if anyone has an address fir a new magazine called "Country Music." If so, please drop him a note at Poute 3, Bradford, Nassachusetts, 01830. He says he'll see all at the Walpole Sheraton!

JFFF ROSS has for sale, a Fallicrafters SX-122 commications $R X$ which has double conversion on BCB! Anyone interested, either phone him at 212-474-4510, or let conversion on BCB. Anyone interested, either
us know here at our 438 address in Brooklyn.

JOE BRAUNER, R.D. 1 , Box 86, Punxsutawney, Pa. 15767 , writes and he is home appit and recovering nicely from a serious operation. He says he's IXing with his old receiver which has served him so well through the yesrs, with Mis old receiver which Silver from around 1938 or $s o$.

DEADIINE for the next issue will be Thursday, June 28th. Let 's hope the support for that number will be a lot bttter than for this one, with this and a measly 2 other pages of Musines! Do so few of you care for DK NEws?

ERNEST R. COOPER - 438 East 21 Street - Carrier Route 56 - Brook lyn, N.Y. 11226 Tip: If you N.Y.C. area Dxers need WSVP-1450, look for games of the International league Pawtucket team, as they carry their games, even tho they can't be heard at alght in Pawtucket, 15 miles away from WSVP, in West Warwick! (Info noted in Sporting News). Nothing new has been added, but we're still at the knobs MMs. MM $5 / 18$ - Very noisy. Iocalc WOR \& WABC were off. I noted unns WNHC-1340 atop e lrjama the $r / c$ of WDIC- 1430 © 1:33; an umID TTer on $12901: 35-1: 41 \&$ on O/WICE. ANTs like WGAR-1220 and WJR-760 were on OC only aroumd 2 ह.m. Somebody preaching on 1230 © $1: 43 \&$ on, in/out with a couple others but unID. On 1310 $\mathbb{3}$ 2:O7, another unID TTer to 2:12, then on $\alpha$. Even this late in the year, on $5 M 5 / 27$ R. Globo was really barreling in on $1180 @ 1: 50 \mathrm{am}$ ( Also noted was an SS-1560 @ 1:30 a.m. This can't be XEVIP as they're EE, so who is it, Santiago, D.R.? MM 5/28-All the NYC ANers were going full blast on this holiday (but rainy) M. On 1330@1:23-1:30, an unID TTe. o/u WFBC which was on with a severe storm watch. WTRY-980 was ANing w/rr, WNVA-1140 was still on 2 1:45am o/CJTR-FF. on 1450 , it was a flght betwemn unns CFJR \& WIIM e 2. WYWO$\therefore 190$ was $4 N$ for the holiday weerend. I noted WGR atop 550 e $2: 15$. And, on 860 , R. Mundial, Brazil, wa at a fine $s-7$ level and easily lugazie, 3:07am. Some of their mx wes U.S.A. rr. MM 6/4-Not a very good DX morn, and rather noisy too. WWDJ-970 was off. On 1440, I had a TTEr e 1:18, but no IDe caught. After a few trips up and down the dial, snd noting nothing ear-catching; - went back to bed. I keep truing eveninge for WSVP-1450, but they just won't break through here - at last, not yet. WKIP is generally un top as the skip sets in at twilignt, a station which seldom used to appear here at all, not even on $\mathrm{f} / \mathrm{c}$ ! New WPRJ-1310, Proy Hills/Parsippany, N.J. just does not reach here, and so daws another WERA Russ E., please talk them into a TESI next autumn. They aren t anywhere near U.S. Route 46 which goes right through those two tows as no antenra is visiule. Maybe they 're one of those "underground" stations, hi. C UN 21.

Very soon now, the BPC will be outlining the details for this year's bie Boston ask! Nake those plans to be there: Naturally, it's over the Iabor Day Weekend, August 31, and September 1, 2, and 3: Come on down to Beantown and meet those who have been giving us these exciting $D X$ NENSes lo these past five years:

ALGERIA. A new station at Bechar began operations several months ago as a relay of the National Service; schedule is $0600-1800 \mathrm{GMT}$. According to Radio Algiers the frequency is " $1500 \mathrm{kHz}^{\prime}$ but more likely it is on the standard European Zone channel of 1502. Power unknown. (Editor)

MALTA。 Broadcasting Authority Malta has been testing on 998 and 1546 kHz for the past few months; transmitter is 20 kw and located at Nigret. Hopefully they'll stay on 1546 since the old BBC Relay station was well heard in North America when they were on that channel. (Editor, EBU)

TOGO. R. Togo is currently on 1304 with 1 kw ; the tower for the 20 kw rig on 1394 was recently knocked down in a storm. A new 10 kw station at LamaKara is expected to go into operation in November on 1502. (Peters, BDXC)

CANTON ISLAND. To date there has not been a single reported QSL from WXLE on 1385 since all reports have been returned as undeliverable. A new address to try is Kentron Hawaii Inc., Canton Island, APO San Francisco, 96401; this supplied by Alan Roycroft via the NZDXRA.

SOUTH KOREA. The FEBC's new 250 kw station on Checui Island is now testing on 1570 kFHz with relays of the Okinawa-based FEBC operation. (Maeda, SCDX) Plans call for 11 hours of programming in Chinese, 1.5 hours of Russian, and 2 hours in Japanese and Korean. (Ryden, Japan)

CHINA. A Japanese DX report confirms my earlier report that the Peking PBS on 1480 kHz is carrying English lessions several times during the broadcast day. (Ryden, Japan)

SOUTH KOREA. VOA programs in Korean are still heard on 1270 kHz s/on 1300 GMT; relayed off VOA Okinawa. A report to the former APO SFO address of the VUNC was returned by U.S. authorities as "Unknown'. (Ryden, Japan)

USSR. The Radio Alma Ata transmission on 1493 is no longer heard. Vladivostok operations on 575 (Majak) and 1475 (Foreign Service in Chine se) are still in regular use. (Ryden, Japan)

SOUTH VIETNAM. The American Forces Network Vietnam (AFVN) ceased operation on March 22nd. It was replaced by the Ame rican Forces Radio Service Vietnam (AFRS-V), a civilian-run operation under the Defense Attache Office, US Embassy, Saigon. Operations limited to continuous mx with news on the hour on FM, along with unattended 50 watt relays in Can Tho on 1390, Nha Trang on 1040, Plaiku on 900, and Da Nang on 850. (Ryden, Japan)

BRAZIL. Radio Jornal do Commercio, Recife, is now NSP on 870. (SCDX)

## PIRATES AND BOOTLEGS

NETHERLANDS. The Dutch Parliment signed the Strausburg Treaty on June 28th which has the effect of denying supplies and support to the offshore pirates in the region. This includes R. Veronica, R. Nordsee, Radio Caroline, and the planned R. Atlantis now under construction. As Holland has long been the last country in the area to hold out ratification of the treaty, this should spell the end of all offshore operations in Western Europe. (Press reports, Editor)

ISRAEL. Following a long series of equipment breakdowns and malfunctions Abie Nathan's shipboard 50 kw station finally took to the air at 1800 on May 19th from a site about 8 miles off the Is raeli coast. Signing on with "Give Peace a Chancer", Nathan traced the history of his dream project and inaugurated RS transmissions in English, French, Italian, Hebrew and Arabic. While the announced frequency is given as " 1540 kHz ", various European monitors give it as 1541 or 1542. Readers of DX NEWS recall that the Editor strongly urged Nathan's crew to operate on 1546 kHz , the channel formerly occupied by the BBC relay station in Malta. Reports have been received from many areas of Europe, Africa, and the Mideast; supposedly he is operating with 25 kw - only half his potential power. NRC'er Gregg Calkin, currently in Madrid, reports that reception thexe is good but that the het with the Ge rman superpowered outlet on 1538 is severe; hopefully they'll move up a few kHz . Press reports indicate the station was off June 25-30 due to generator troubles but that he is back in operation now and plans to begin selling time to help meet expenses. Programming is pop music with pacifist commentary plus news serviceitems "pirated" from radio teletype. Address for reports is PO Box 1010, Nicosia, Cyprus. (Editor; many press sources; NASWA; SCDX)

USA. According to press reports, fundamentalist preacher Carl McIntyre whose Media, Pa. outlet WXUR was closed by the FCC on July 5 th is planning to begin operation of "Radio Free America" from a ship located 3-1/2 miles off of Cape May, N.J. Target date is supposedly July 19 th and they'll supposedly choose a channel "which won't cause any interference". A last minute press clipping spotted by Steve Bohac suggests that it may be FM and not BCB but the wording is not really clear. If he does come on, watch for heavy press coverage if Watergate is quiet. . Speculation with Russ Edmunds on a likely MW channel for a Cape May operation gave 1160 kHz as the first likely channel working down from the top of the band (where the shipboard antenna will be most efficientddd efficient) by process of elimination... NRC'ers may recall that DX NEWS carried several items about a proposed Radio Free America to be operated off the coast of California about 5 years ago by a group of far left free-speechers; no connection with the new R. Free America we suspect... Hi!

## MYSTERY..... MYSTERY..... MYSTERY..... MYSTERY

An item from Edward Janard of London, reported in Sweden Calling DX'ers says that Nathan fired up the Voice of Peace the day after he left New Jersey 0100-0700 with a fund-raising program for U.S. listeners on 1540 kHz . This would be March 17 th (GMT). The question is, did did he really come on the air off the U.S. coast? Nothing appeared in the U.S. press about this alleged broadcast, and there have been no reports from the $D X$ community. It does sound like the sort of publicity stunt that Nathan would try; on the other hand no one seems to have heard him. This Editor argued long and loud with them for a test from an off-shore U.S. location but they absolutely refused to even consider firing up the exciter for fear of repercussions from the U.S. authorities. We also have a long and detailed chronicle of the Transatlantic cruse of the Voice of Peace from the Rev. John Hennessey who was onboard and reported their misadventures in the Union City Dispatch (4/30/73, via Steve Bohac) but he makes no mention of the alleged fundraising broadcast to New York City. Does anybody have any info on this matter?

In the brief 5 years I have been an active DXer, few portable receivers have been made available to the public which have proved to be of any value to the DXer planning a Dxpedition, or going on vacation. One excellent receiver was the Realistic TRF; however, before its true value was realized, it was taken off the market. About the same time the TRF was making news, another receiver was being born, but it wasn't until late 1972 that any real attention was placed upon the receiver from South Africa: The Garlow Wadley XCR-30. Currently available in the United States through Gilfer Associates, Box 239, Park Ridge, N.J. 07656, the XCR-30 was retailing far US $\$ 195$ in December of 1972.

The ouners manual has this to say about the XCR-30: "The XCR-30 is a specialized, high sensitivity, portable short wave receiver, designed to provide precision frequency tuning over the full short wave spectrum up to 30 MHz , with exceptional transmissions." The circuit is a "multiple heted $A$...." aid singit sidebeiai (a....... wherein the harmonics of a 1 MHz quartz crystal control the frequency shoun wherein to an accuracy sufficisnt to is known. The crystal stabilizes the received frequency to eliminate tuning drift over long periods of time and to provide stable single sideband pitch. Frequency selection is a composite function of two dials." Dne dial displays the MHz sencment in whole numbers (e.g., $1,2,3$, and so on to 30 ); the second dial displays the MHz segment in fractions (e.g.,.000, .010, .020, and so on in incraments of . Uld MHz up to 1.000 MHz ). To tune a frequency, the whole number dial is set to the MHz segment (e.g., ll), and the fractional MHz segment is set to a fraction (e.g. .950), thus the frequency is $11.000+0.950=11.950 \mathrm{MHz}$. It takes a little practice to get the hang of the dials, but once practiced, it's done without thinking.

Modes of reception are AM, CW, \& SSB (USB 8 LSE) with a tuning dial to rlarify SS日 signals as well as AM signals. In addition to the mode selection switch, and on/off/volume, the tuning dial is accompanied by a fourth dial: antenna trim: for peaking incoming signals. A "S"-meter (of sorts) is built in, but at times it may indicate a low reading for a local station (e.g., KTRS-860 with lo kw beaming
directly at my QTH) and shortly thereafter, a high reading.

The XCR-30 is desioned to operate off of six (6) type "D" dry cell battexics (each 1.5 V ) for a total D.C. inout of 9 v . An external power socket is provided for a power supply of 6 to 12 volts input. Two other plugs are present: an ear phone jack ( 8 a am ), and external antenna jack. The receiver comes with a builit-in whip antenna; however, I have found it only of use for casual listening. On medium wave, I have utilized the Space Magnet (SM-1), manafactured by Worcoster Electronics Laboratory, R.D. 1, Frankfort, N.Y. 13340. Dn the short wave frequencies, the XCR- 30 manual suggests that any longwire employed not excoed 50 feet in length, to mittle cross modulation being noted.

Frequency readout is 10 kHz over each 1000 kHz tuning range and calibration accuracy is within 5 kHz on all freauencies with resetting accuracy within 1 kHz on all frequencies. Utilizing a Bendix $\begin{gathered}\text { GO-221-M frequency meter, I can attest to }\end{gathered}$ the above claim of 5 kHz accuracy. The resetting accuracy also checks out as correct to within 1 kHz on all frequencies. I should point out however, that I
can only make this claim from. 5 to 20 mHz as the upper limit of the BC - $22 l$ can only make this claim from. 5 to 20 mHz as the upper limit of the BC-22l is 20 mHz . Unfortunately, I do not have the means of checking above 20 mHz .

Sensitivity is excellent on all frequencies (utilizing the $S M-1$ or longwire) Though the built in whip is not used while DXing, East Coast stations such as KDKA, $\mathrm{LS} 日, \mathrm{WGZ}$, etc., are heard with fair signals, but not as well as when using the SM-1. On shortwave bands, I was unable to find any station on my Hammarlund HQ-129X which was not audible on the XCR-30. Though the signals on the HQ-129 were sometimes stronger than on the XCR-30, the XCR-30 pulled each signal in to an audible level at the least.

Selectivity is 6 kHz overall RF on AM , and 3 kHz overall RF on 55 B and CW . In actual use, I have found $A M$ selectivity to be from 4 kHz to 30 kHz (depending on the station being monitored). The 4 kHz was determined from USZ-1 on 844 with
 during the day, and slacking off at night only to the extent onna whip, SM-1, or lonire. of America occasionally pushing it to 25 to 30 kHz .

The Garlow Hadley XCR-30 is a prototype receiver, somewhat new ta North America. At the present, an XCR type receiver is being planned to include the FM band. This was excluded in the current models "to eliminate the possibility of cross madulation." Unfortunately for the designers, they neglected to guard against cross modulation from locals, but then, what receiver is totally free of the products of cross modulation? Possibly the only other "complaint" I can put forth is that concerning the lack of selectivity regarding locals. however, keeping in mind the fact that the XCR-30 is a portable receiver, I feel it is equal to many non-portable receivers, and should be recognized as an up and coming piece of equipment in the DX field, whether for a main receiver or as a portable receiver for Dxpeditions or trips.
**5hould be changed to read...UHAS-840

BRING OR SEND ANY AND ALI DX-RELATED GOODIES TO THE 1973 NRC CONVENTION AUCTION. EQUIPMENT, PARTS, CM'S, OLD BULLETINS, COCONUTS, EVERYTHING GOES ON THE BLOCK AND WILL BE SOLD WITH ALL PROCEEDS GOING TO THE NRC. OLD RADIO TUBES, STATION BUMPER STICKERS, ETC., ETC. IF YOU CAN'T MAKE IT TO BOSTON, SEND YOUR JUNK TQ HQ...

Are your "DK Treasures" safe?
Nany DXers neglect to secure their "DX Treasures" because they don't consider their value or vulnerability.

However, any DXer could be victimized by fire, burglary, or other damage. The results could be tragic.

It could be very costly to replace valuable equipment, and even more tragic if valuable records were lost for good.

Logboots, veries and/or tapes are the fruits of years of dedicated DXing. They may have priceless personal value. Unlike equipment, or stamp collections, many veries and tapes are unique items which cannot be replaced at any price. Especially by the veteran DXer!

Most serious DXers would be very distressed if their treasures were lost. This risk should not be ignored because disasters have happened, viz:
-recent fire at NRC $H Q$;
-recent burglary of a Florida FRCer;
-one DXer's son apparently inadvertantly put some veries in the trashcan;
-some ham radio stations have been decimated by hurricanes -etc.

There is no specific "best" way to cope with such risks, because everyone's circumstances are different. However, this article will provide some general guidelines on what the concerned DXer can do to achieve "peace of mind". Each DXer can use these ideas to work out his own individual solution.

## (II) PROTECTION:

It costs money to reduce risks and protect "DK Treasures". However, the DXer who can afford the $\$ 13$ annual NRC dues also should be able to afford a modest amount of protection for his "DX Treasures". (Admittedly, for some DXers, it may not be worth the cost.)

If you are concerned, you should think about the following: - personal value of DXing records (tapes, veries, logbooks, etc.); -replacement cost of equipment;
extent of protection you would like;
-\$\$ you are willing ta spend on protection.

Once the DXer has these facts out in the open, he can do something specific to secure his so-called "DX Treasures". The DXer must use his own judgement to determine what action and costs are appropriate. The following tactics are a starting point.

Basic tactics could involve such measures as offsite storage of copies of critical records, and equipment insurance. Here are the details:

## (1) OYFOITE GTONAGB of CIUIIC.L HUCOADS:

DXers accumulate valuable records such as logbooks, verifications and tapes. These are personal papers with no commercial value. however, they may be more valuable to a DXer (especially a veteran) than his equipment.

If lost, many of these records could not be replaced, even with insurance proceeds. Many "one-time" loggings could not be repeated and it would be difficult to obtain replacements for all one's verifications (especially older, and/or foreign ones).

Rather, the concerned DXer should make duplicate copies of his records. Tapes can be duplicated. Verifications can be photostated or microfilmed. All these copies should be stored in a safe place. (I note that in the business world most companies have elaborate systems of "backup" records for their computer data.) Here are the details:

## (1) Dunlientiont_

Duplicate tapes cost little. The DXer with a tape recorder can prepare them with little effort. Ihis is straightforward and will not be discussed further.

It is a different ballgame to copy verifications. Unless you have free access to the right equipment, you will have to pay someone else to copy them for you.

Photocopies are relatively cheap. In the right circumstances, so is microfilm. Keasonable people would accept such copies as replacements or substitutes for the original.
(a) PHOTOCOPIES usually cost between $10 \phi$ and $15 \phi$ each, depending on how many you buy. There are various places to get ther: see "Photocopying" in the "Yellow Pages".

Note that you can fit 2 or 3 \&SL cards onto one photostat, and save some money.

The prudent DXer could obtain photocopies of his
and/or prized verifications. At about lo申 each (in logbook and quantities) the average DXer could get photocopies of his prized documents probably for somewhere between $\$ 10$ and $\$ 50$.

Of course, it's up to you, the individual DXer , to decide how much "peace of mind" you want, and where to "draw the line" on such costs.
(b) MICROFILM is an alternative technique which might appeal to some DXers.

If you want to copy large quantities of veries, it is cheaper (say, $1 \frac{1}{2} \phi$ to $3 \phi$ a document), and easier to store. However, it is mo

The author found microfilm convenient because for about $\$ 50$ he could microfilm all 1,414 of his BCB veries (as well as an additional stack or ham cards, and personal papers) on one roll of microfilm which he can store in his safe deposit box. (However, he would have to rent or borrow a viewer if he ever wanted to look at the microfilm.)

Based on the author's experience, the DXer may find it difficult to obtain the right kind of microfilm service. I 'phoned several companies listed under "Microfilming bervice in the Montreal "Yellow Pages"; most of them were geared to architects and engineers and only would microfilm large blueprints for 304 apiece.

However, I did find a sympathetic person at the Montreal branch of XEROX Microfilming Service. He told me that they could microfilm 2,000 documents onto one reel of film at about 24 each. (Letters and QSL cards would have to be done in separate batches.) He added that the same service is available all over Canada and the U.S.A. at between $1 \frac{1}{8} \phi$ and $3 \phi$ a copy (ror large quantities).

## (11) Btgracer

Once you have duplicate records, you should store them in a safe place, remote from your "DX den".

Although storase might cost money, you should be able to get it free. Such free safe places wouid include: -the custody of a trusted friend or relative -a desk at the office or a locker at school; -reciprocal storage arrangements with DXers in another town.
(Note that tapes and microfilm may be damaged by extremes of temperature and/or humidity. It is a sound extra precaution of temperature and an air-conditioned site.)

As a last resort you might have to spend some money and store duplicate records in a safe deposit box or a public warehouse. It's up to you to shop around for the best deal.


The DXer's equipment may or may not be more valuable than his records.

In my case, I could replace my equipment for less than 200, which is less than what my veries are worth to me. However, other DXers have more elaborate equipment and their situation is different.

The DKer should determine whether:
-DX equipment really is wor th insuring;
-if already it is covered by existing insurance.
Host adults already have homeowner or tenant insurance coverage for personal property. Depending on the fine print in your policy, your DX equipment may or may not be covered. If it covered.

Many younger DXers may not have insurance coverage. If living at home, their personal possessions may not be covered by their parents ' insurance. This was the case for the author own caneras $415 /$ year for a sriall special policy covering his own cameras, stereo, DX equipment, etc.

If you want to consider such insurance coverage, contact some casualty insurance agents, shop around, and see what type of coverage you can get. Parents, friends, bankers, etc. may be able to refer you to a reliable agent.

Here is an example of coverage which is available. In Montreal and Tor onto, the going rate for young bachelors living at home or in an apartment) is between 415 and 225 a year for standard coverage for loss/theft/damage/etc. on up to $\$ 4,000$ of personal property.

Of course, it's up to the individual DXer to decide if such insurance coverage is worth the price.

If you get such insurance coverage, you may be able to get additional special "fersonal irticles Floaters". These will give extended theft coverage for special collections, such as jewelry, stamps and maybe veries. This costs a few $\$$

However, the author doubts if any sum of money really could replace stolen tapes or veries. Instead, I would rely on duplicate offsite copies.

## EaItan: <br> P.1. etmunts <br> Dis 141

Wifis. 1.|. 0747
(201) $835 \cdot 5191$

Greetings, again. Another small DDXD as por to rotten cx continue.....
P/C's
JUNE: 2nd MM: WGMF-1500, WCAZ-990, WCYN-1400 (JMP), WGOH-1370, KANY-1390 (TRS, JMP); 2nd TU: WREL-1450 (TRS); 2nd WM: KDTH-1370 (TRS); 2nd SU: KALO $=1250$ (TRS) ; 3rd MM: WBB2-1340 (JMP, TRS), WCOR 1450 , WGAU-WNNS-1360, WQDE-1250 (JMF) ; 4th MM: WCMS-1050, WNAK-730, WTON-1240, WBCB-1490, KAMA-1060, WHUN-1150, WJDY-1470, WBFD-1310 (JMF) ; Lth SA WABD-1370 (TKS).
©HANGES: 1st or last $\mathbb{M} 1:$ WTLP-1310-NY. Delete check per CE. (JMP)
tall apalications

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 610 | SGGM-NM | req. KRKY | 1420 | KHFH-AZ | req. Kifin |
| 1040 | KIXL-'X | rec. KPBC | 1450 | WSUP-III | req. VKRI |
| 1260 | KWFR-TX | req. KIXY |  | KAIE-WA | req. KUPY |
| 1340 | WEKY-KY | req. WRKY | 1530 | CP -PA | (jeannette) WBC. |

## changes

| 570 | KCSJ-CO | NET: M 1560 | WTAI-FL | NeT: Ae |
| :---: | :---: | :---: | :---: | :---: |
| 710 | KUNC-iX | luET: C 1580 | WRBJ-MI | NET: M |
| 720 | KOTZ-AK | ex-KICE (CP) | WYYZ-GA | CP is on. |
| 760 | KGU -HI | NET: M 1590 | KBBQ-CA | NET: M |
| 170 | KJIM-TX | NET: M 1600 | KZON-CA | NET: Ae |
| 960 | WYIX-IL | NET: M |  |  |
| 1010 | KLIA-AR | SCH: $24 \mathrm{hrs}$. (Morss - MA) |  |  |
| 1110 | WNAR-PA | M/R: 500 watts. delete propo | sed incre | ase. |
| 1130 | KBLR-MO | NET : M |  |  |
| 1220 | WLTD-IL | NET: M |  |  |
| 1230 | WERI-RI | NET : M |  |  |
|  | WIBU-VII | NET : 14 |  |  |
| 1270 | i/d -iHI | Charlevoix; 5000 D1; effecti filed b4 then. ADD: 204 Park around on this one. | $\text { ve } 7 / 10$ <br> Row, 21 | no oppo $\text { : } 49720$ |
| 1300 | WNHC-CT | NET: M |  |  |
| 1390 | WCER-MI | NET: M |  |  |
|  | WYXI-TN | NET: Ae |  |  |
| 1640 | CFGO-3N | CP for increase to 50000 fin | ally off | ially app |
| 1490 | KVEN-C. | NET: Ae |  |  |
| 1470 | WPGF-NC | NET: Ac |  |  |
| 1490 | WSIR-FL | NET: Ai |  |  |
| 1500 | $\mathrm{CP}-\mathrm{OH}$ | Youngstown, 4503; 500 D1, 47 Centrel Square. (5/22) | 50 CH ; | ite 1200, |
|  | CP -PA | Ellwood City. DELEME. |  |  |
|  | KXRX-CA | NET: M |  |  |

570 NCME-VID Noted ET'ing w/ cl mx, slone, to 0201 ID 6/18 (JMP)
600 WCA-NY Noted ET'ing $\mathrm{W} / \mathrm{OC}$, TT $04406 / 18$. ID 0441 (JMP)
600 WCAC-15 At, last, noted atop WICC w/promo for sending oomments to $G M$, thought I'D never get this one, M1 $6 / 250230$ (JMP) ** Best time to get this would be sunset in summer, $\mathrm{Jim}-\mathrm{KjE}$
620 wvitert ET/TT $04156 / 10$ thru $0430 \mathrm{w} / \mathrm{DD}$, then TT cont 'd., mostly atop freq., good sig. (TRS)
TOD unID Anyone get ID from TT here w/ 1 kHz TT MP 6/11 ard 0120? Perhaps KEk ? Help? (JMP) \#\# Perhaps W'ABC w/ $10 \mathrm{kw} .\mathrm{AXR} \mathrm{??-RjL}$
TY0 WAKY-KY Nicely atop WTAR w/ "Ten Questions" phone show, 0020-35 6/11 (JMP)
1070 WAPI-AL Noted running Braves $\mathrm{BB} 6 / 220100$. (JMP)
$1340 \mathrm{WIZE}-0 \mathrm{H}$ Atop 0240-0300 $\mathrm{w} / \mathrm{rr}$, jx, several gond IDs 6/11 (JMP)
WHAP-VA S/off copied here 0029 $6 / 18$ well o/WHAT, WNBH, etc, no SSB (JMP)
1370 KDEA-ME Eling well atop WSPD/VTTS w/ CC, starting w/ ID 0159, complete surprise (JMP)
(VTIS-13 Alone w. WSPD off, sunning rr w/ typical contemp. format 6/18 (JMP) *** What time ??? -RjE
1420 Whati-IT Alone $w /$ c\&w format, OM DJ SM 6/24 0620. Trying for $0630 \mathrm{~s} /$ on of WITRR, but no luck. (JMP)
1,650 WAL - DC $6 / 21 \mathrm{w} / \mathrm{ID} \& \mathrm{TC} 0110$ atop WLPM, ete. new. (TRS)
WHPTFA $6 / 25$ hrd ending $n x$ headines 0103, ID, into talk show. Continued atop rest of Ail. (TRS)
WH-Ph 6/25 faded up for ID, TC 0105 ending $n x$, "WMAJ... the music people" ther back u/MiAPT, new (TRS) Apparently ETing w/day patt., as $+50 / \mathrm{s}$, stronger than locsl WBCB on $1490,6 / 18$ all AM (JMP)
Aryone ID the ET'er w/ 1 kHz TI 6/25 ? Hrd 0415 to after 0445 w/ no ID. Loop bearing might include Hornell, N.Y. (JMP)
1450 WTTL $4 / 2$ Logging for noce rpt. $\mathrm{w} / \mathrm{WBCB}$ on $\mathrm{r} / \mathrm{c}$. Able to get latter down to 99 these days, so can maybe DX 1490, hi (JMP) ** When, Jim?? no dite or time given -kjE
1560 WGLB-WI ETing IMM $6 / 18 \mathrm{w} / \mathrm{MoR}$ selection, many IDs, greetings to DXers, easily atop here. (JMP)

## sunset E evening

1140 WCJU-NY $6 / 62045$ s/off quite readable thru WRVA/vCBA w/SSB. Hrd again 3 s/oif $6 / 17$ (IRS)
1250 ViPS-NY Easily atop channel w/ end of sx \& "Be Still \& Know" 2040-42 6/15 (JMP)
1260 Wh'TC-MN $6 / 14 \mathrm{w} /$ ID picked out of jumble $2230 \mathrm{w} / \mathrm{WADO}$, CHAM momentarily disappearing. ID quite plain on tape, lonking for this last. few months, new (TRS) *** Whatever possessed you to try for such an unlikely catch as this, hi?-RjE
1310 WNAE-PA such an unlikely catch as this, hi?-RjE /off, no SSB well atop WCRM 2059 6/9 (JMP)
1330 WEBO-NY Emding s/off w/promo for FM 2045 6/9, no SSi (JMP)
120 WALY-NY habe a good bet w/ June s/off 2O44, no SSB, usually = WHK (JMP)
100 WVAM-PA Atop WENE-WNJR mess 2030 to patt chg $2045 \mathrm{w} / \mathrm{rr}$, many jx (JMP)
460 WEMD-MD *** What date ??? $=$ RjE
(460) WEMD-MD Briefly o/WOKO w/rr/soul format, soan gone, 2031 6/8 (JMP)

1570 KBUZ-NY Making a rare appearance here atop CKI

1980 W6OU-NI Making a rare appearance here atop CK
slightly later than other s/offs (JMP) Noted atop w/s/off SSB 2059 6/19, fairly easy in June (JMP)

Thassit for this time, so without further ado, $\operatorname{tnx}$ to JMP (Jim Poterba) and TRS (Tom Sundstrom) for making this column possible (necessary ??).

KXRX-CA NET: M

MIKE COLLINS $=2021 \mathrm{Ma}$ in Street - Stratford, Connecticut - 06497 DX has not been too productive of late. 5/15 (Tuesday) WOKJ-1550
 it because of the static. I suspect W4AY Humtsville. Back on MaN 4/16, I was It sound hear a progressive rr station on did not get a positive ID. WKBW-1520 was off from about ram on last MM5/14. Charlie Greer who used to be AN man on WABC- 770 is now with WKQW-1300 Spring Valley, N.Y. Jfm Runyan, of WWWE-1100, WHRT-850 \& WCFL-1000, who was the big-voiced announcer of the old "Chickenman" series, died recently of cancer at 42 . WLAC1510 Nashville becomes the third 50 kw station to leave CBS recently. WSIX-980 Nashville is picking up BS, \& aropping Ai, but keeping Ae. CBS has also lost KIRO-710 Seattle to MRS, \& WBP-1110 Charlotte, which is now independent. WJAS 1320 Pittsburgh which applied for WKPQ-1450's (South Paris, Me.) call letters, apparently did not get them; WJAS received permission to switch to WKPa instead. WHAS-840 Ky. atill does have a SP, each SM, 2:30-6 EIT. It lonks like that new station in the Bahmas on 1060 is going to be a pest, since it is NSP like 1540; however, it is considerably weaker here than 1540 . WEII- 960 New Haven is now taking "The Worla Tomorro. "' nightly 11:30-12. The application for 860, Walling ford, Conn. ( $1,000 \mathrm{D}-3$ ) is still pending, \& WCBS is fighting it. The applicant is Quinnipiac Broadcasting; Wallingford is just $N$ of New Haven. However, I'm not sure about the two applications for 850 , Radio Ridgefield, Inc. (1,000 D) at Fidgefield, \& one for 250 D in northern Westchecter County, N.Y. (I forget the wact town). To clear up misconceptions, there are only at the most a dozen U.S. stations eligible for super-power if it ever is nndeed eranted by the FCC: KFI640, WSM-650, WSB-750, WJR-760, WBAP-820, WCCO-830, WHAS-840, WWL-870, WHO-1040 KSL-1160 \& HOAI-1200. WGN-720 is trying hard to get it also. However, under current allocations, WGN is ineligible, because 720 is also allocated for use in Nevada by the FCC. LNBC-660 N.Y. has not been ruled out for superpower by the FCC. WGN, like the majority of stations seeking superpower is seeking 750kw. According to maps supplied by WGN, the daytime radius of the WGN $.5 \mathrm{mv} / \mathrm{m}$ would be extended by about 90 miles with the high power, from the approxim $t 150$ mile radius $w / 50 \mathrm{kw}$, to about a 240 mile radius $w / 750 \mathrm{kw}$ power daytime. At night, $W C N$ like mogt non-directional 50kw clears, has a radius of about 760 miles for its प5. 5 mi/w skyave contour. That is, WGN has a . 5 mV/m skywave at a distance of about 760 miles, for at least half the nights of the year. However, with the 750 WGN is seeking, their nighttime skyware would be extended to about 1200 miles. 73

JTM POTERBA - 949 Queens Drive - Yardley, Pennsylvanis - 19067
Yet another Muse! $D X$ is ralling off rapidly of late - means I have to start hitting the gravevards more. What we've had: 5/7 AM: WTFE-1310 1:17; WRCH-910 2:36; WDBO-580 4:30. 5/9-2:15am, WATM-1590 on r/c. 5/13-WALI-1340 @ 5:48am, WNNT-690 8:15pm. 5/14-WNUS-1390 1:37am, KMBZ-980 3:17, WJBC/WCOL-1230 fighting it out e 4:30am. 5/16-WKYG-1230 2:35am; 5/17-WCFM-1280 on $\mathrm{r} / \mathrm{c}$ 1:14am WLPM-1450 1:50am. $5 / 21-$ WASC $-14501: 15 \mathrm{~mm}$ r/c. I'm still managing to get reports on a good many stations though, \& that means many veries in the days ahead. Recent veries: WCOL WJBC IILAC WCPM KMBZ CFRS WXUR WIMA WGBI CFJR CHIR WDDY KTOE WNHC WWIN WNNT WQXI KPMC CIIM WURE R. Dominica-595 CFGT WCPC KWED WIWB WAKS WGCB WSCO WHNH HJCY-810 R. Demerara -760 WJJD WMBR WBJW WGET. Semi-1ocals on the grave yarda have been turning up for a few of ny most-nanteds recently. That about does it for this time, so 73 s \& I'll be DXing (?) through the static this summer.
bOB G. MABRENHOL2 - 307 01d Port Street - Tullahoma, Temessee - 373 8
Since I have been a member for about six months \& now have a good idea of what the NRC is all about, it's aiout time I introduced myself. I am married, an electronics engineer \&e ham. The PX is a fallicrafters $S-10$ with a Hammarlund HC-10 Sideband Adapter. Ant enma is a longwir:. My interest in med fum wave DXIng is in the technical end of the equipment used $\&$ in listening for the enjoyment of it rather than in collecting verificstians. I am presently experimenting with reciprocating detectors \& squaring-loop detectors for the elimination of selective fading. When I come up with a suitable detector, I plan on
building a complete receiver around it. I would be interested in hearing froe aryone with simila interests. Also does anyone have a manul or a schematic for the mofel RSSB-59-1 RX built by Kahn Research Labs for AM broadcast stations? 73. (We lcome to NRC \& Musings, Bob! Muse often! -ERC)

JEFF BRASIER - 10341 Shirley Avenue - Northridge, California - 9132
OK, I guess it's about time you heard some JABBINGS from JAB (copyright pending). Intro: I'm 16, a junior in Chatsworth High. I've been DXing ab ut $1 \frac{1}{2}$ years and started to verify ay catches $12 / 72$. Now I have 155 total veries, $36 / 25$ for states, $13 / 6$ for countries, and $5 / 4$ for provinces. I use a 1950 Hammarlund $\mathrm{H} Q-129-\mathrm{X}$ and a $4^{\prime}$ box loop, unamped. I have heard WXIE WCLS WISO EICY which I consider some of my better catches. For some of my newest stations heard, see DDXD. I would like to take this time to tell you about a new club being formed. It will be a longwave club with articles on longave (below 540k). Membership will be free for the time being, until we see how thinge are going and Bntil there are enough members to warrant dues. All correspo dence should be directed to me. Beck to BCB: some of my recent veries include: KSOM KCI KOBY KBVM KBIS KAZA CJVI KNDE XEPR KCVR R. Bellze-834 KUPK KVSL KKIM \& KTFI Tom Magowan, the $v / s$ for KOBY put: "K Dad. You heard us. So what's that prove? (a future DXer?) that's it from here for now. I hope to hear from some of the members out here in the West that are in IRCA telling ne of their new catches. 73 s in 73. (so that phrase is already copyrighted? Ch wow!) (Welcome to you, Jeff, and we hope to hear often from you - please be kind enough to doublespace?)
gREG HARIISON - 17600 Oma Drive - Granada Hills, California - 91344 Greetings, people. Not a whole lot to report, except three things: 1) I got my new Log, don't worry, it's great. 2) DX is picking up here in Granola Hills. I just sent reports to WSUN-620 st. Pete, \& WDMG-860 Ga for 5 \& 5:30am receptions respectively on 5/28. Finally, last \& most, I'mannoucing the formation of a new club, based here in Southern california, dealing mainly with long wave reception, primarily European \& Asian broadcast, but also comestic material, such as the WX bradersting FAA beacons, operating throughout the U.S. We have yet to really get it going - it s still mainly in the plannina stages, but if anyone is interested, please write me here. More info upcoming.
RICHARD WOLF - 7410 South 127 th - Seattle, Washingtion
Hello to all NRCers: I'm a new member from Seattle. Actually I live outside the city limits on Skywy Hill. I'm 15 and attend Renton Hish school. I started lxing about a year ago on SW. Then about the end of 1972 I got hitched onto the BCB. My RX is a 1930 vintage Westinghouse. I would have gotten more stations this last Winter but these aged parts have numerous break down. Nevertheless, I did get some DXIng done. My best catch was Kovo-960 when it hopped over the usual Kale-960 for about five minutes. Other catches were CCO-830, XBMO-860, WWL-870, KRNN-880 and a mess of stations along the WC. Be fore next season I plan to have a new $100^{\prime}$ longwire and have most of the bugs worked out of my RX. See you next time. *Welcome to the NRC, Richard, and we hope you'll report in frequently - good to see some action in the West! -ERC)
ROW MUSCO - 16 Chestnut Drive - Windsor, Connecticut - 06095
The $\mathrm{f} / \mathrm{c}$ for May (5/14) from WLSV-790 heard here 12:12-12:22am w/another unID TP also. V/l back saic s/off © 12:22, and returned e 12:35-12:50am because of QRM from PoP from the ahio area. By the strength of that TT I thought it was WEAN. $5 / 28-$ WENT- $1340 \mathrm{~s} / \mathrm{fff}$ E 11 pm over the clutter. E rlier WGIR-6 10 7: $55-8 \mathrm{pm} \mathrm{w} / \mathrm{sports}$ phone-in show till WIP pattern change © 8. WTOR nulled to hear WGIR. 5/29-Two more N.Y.-ers: WSNY \& WJTN-1240 both heard a round 12:150m w/the likes of WWCO WGBB \& WOCB a 11 fading in \& ut together. 5/30-With WMMW nulled, WSRO-1470 7:14-8pm s/off \& WNBP-1470 caught two minutes of s/off announcement weak $u / W S R O$. All three s/off w/SSB. Iater WTWN-1340 on top 11-11:10pm, possile s/off, for vt. H9. 5/31- WBET-1460 w/WOKO nulled 7:30-8pm power cut for WBEI解 strength 8:20-8:35pm when HNL killed that channel. 6/2-N.Y. 8 . 88 in WHVW-950 8:25 -8:30 s/off $u$ /WPN/WRYT. This one says (in part): "Due to FCC regulations, we regret that we must leave the air." $\mathrm{v} / \mathrm{g}$ in from WGIR, WAXC. $\mathrm{v} / \mathrm{l}-\mathrm{WPAT} \mathrm{WLSV}$.
$\mathrm{V} / \mathrm{CM}-\mathrm{WENT}$. $\mathrm{V} / \mathrm{PD}-\mathrm{WFNR}$. 73.
hive stiondi - ovailey Herrace - apt. y - milmineton, velaware - yove How do: DX has taken a back seat, to FM \& TV pluw many 11-to-7 shofts at work. To keep it short and sweet, I need some help with the norma pest season holdouts. They is as: WBVM WMO CJFN WHAZ KRGO (aaeeiil!) WINL WNDB WKPQ WSWN WGOE-TEST KRNY-TEST WTHN WDAN WKST WATR WHBG WITE, and the most disgusting one: WERC. Funny thing, about WERC, I spoke with Dave Gleason, sent him a tape, written report et al, and the tape even has a portion where the announcer said that I was talking with him! That's some stunt, I'll admit. Maybe little things like that help get bone DYers discouraged and that's why support toward a radis club drops off. Next season will be from a new location. My wife and me wll be moving into a new house in New Castle, Del. around $0 / 1$. A much better DX location, mainly because it's way far out from the locals. For those interested: WILM-1450 is now going off MMs between $12: 05$ and $12: 35$ tili $3 \mathrm{a} . \mathrm{m}$. WAMS1380 is now off MMs 12:30 till 5. Only recent verie: v/l-WTCR-1420. That's it.

ETRNEST R. COOPER - 438 East 21 St. - Carrier Route 56 - Brookivn, N.Y. 11226 No veries, no f/ups sent out yet, but soon, hopefully. And virtually no reports for the second consecutive issue of DX NEWC. This is not to disparage the ones we did get but bo bemoan the possible ones we didn't. My WSVP-1450 tip on Pawtucket Baseball coverage must now be amended to read "WKRI1450 " as they were heard on RS Thursday $6 / 14$ while on the way to Cape Cod on R. 195 in Rhode Island. They're rr without screaming DJs otherwise. No DX searching done on this visit, so nothing new to report on Padio Heaven (Easterm Mass.) I vas home for MMs 6/il and 6/25, which I'll report on, with again, nothing hew. MM 6/11- Local WABC-770 off. Unn WKST-1280 noted on top © $1: 53 \mathrm{am}$. There was at. $O C$ on 540 e $2: 38$ \& on, unIDed. A tremendous 1 y virile sigma on 779 giving WBEM the screaming mimies turned out to be only another Cuban, with ID as Cuba heard © 3am. Both WCCO-830 \& WHAS-840 with the same CRS NXCast e 3-3:05. 1550 had an $O$ C 2 -3am \& on, as did 1500 © 2. Not much going on today on 1510 - let's hope it stay日 that why for next Winter's season. MN 6/25- WABC-770 aga in off, perhaps this can be construed as regular. Surprise on top of 1450 @ $1: 34 a \mathrm{~m}$ in unn WMPT, South Williamsport, Fa., rr. That 779k Cuban wasn't there today - maybe he had slipped over from 760 or someplace for a while. WXYZ-1270 was still on © 2, and UBAX-1240 was rocking WGBB at that time in more ways than one. I discovered an SS on 1210, back on came a woman announcer on WCAU to state they had been off for 42 minutes for XR adjustments. WONO-1190's OC was on @ $2: 43 \mathrm{ma}$. 1380 uas a lmost $100 \%$ open again, and 1510 gain weak. That's it, and again, this (2 pages) is all the grys have sent in in three weeks' time, so bye bye now for four.

HEARD SINCE LAST ISSUE<br>1060 K H Y M Gilmer, Texas $\quad 1450$ WKRI Ex-WSVP) rr

## MAKE YOUR CONVENTION RESERVATIONS NOW

Write She raton Commander Hotel, 16 Garden St. , Cambridge, Mass. 02138; indicate that you're coming for the NRC Convention. Deadline for reservations is August 15th so get moving unless you want to sleep on the Cambridge Common. .!

The Loudenboomer Report **

The International Worldwide Continental DX Association Bulletin
To all IWCDXA Members: It has come to ye scribe's attention recently that reports to our shortwave column have badly deteriorated in quality! Therefore, with the assistance of several 'friends', we have drafted a suggested policy guide for your consideration when you report your shortwave loggings to the bulletin.

We are not trying to force the se guidelines down anyone's throat, but we only ask that reporters and other clubs give them their sincerest conside ration. You now have the opportunity to shape up. If you don't you will never be given another chance. Ve haff vays uf dealing vith troblemakers!

First, effective immediately, we are putting into effect a comprehensive and new language abbreviation list. In the past we have persistently stuck to the old, tried and true-blue abbreviations, such as ENGLISH for English, PORTUGESE for Portugese. You will recall that we repeatedly stated that if anyone could show an accepted, standardized abbreviations list already in existance, we would readily accept it.

Someone has recently informed me that ANARC, whatever that is, has such a list, published and distributed by ASWLC, whatever that is, which is widely used by DX'ers, whomever they may be. This individual even sent me a Xeroxed copy of that list. This certain individual, who shall remain nameless for his own protection -- but he knows who he is! -- also will never be given another chance!

Needless to say, we could not accept the so-called ANARC list, as it differed markedly from my own. However, we do recognize some limitations with my own 7 to $10-1$ etter abbreviations, so, not wishing to be hard-headedly unreasonable, we have created a new, improved four-letter list of language abbreviations. It is as follows:

| Afghan-Persian | APES |
| :--- | :--- |
| Belorussian | BELI |
| Baluchi | TUMS |
| Burmese | BUMS |
| Bugi | FLIT |
| Catalan | COWS |
| English | PYBZ |
| French | FFFF |
| Ibibio | IBIB |
| Mbundu (Umbundu group) | MBUU |
| Mbundu (Kinbundu group) | MBUK |
| Russian | RSKY |
| Sinhalese | SINS |
| Smoke Signals | PUFF |
| Uiguhr | UGHH |

The original abbreviation for Assamese, as submitted by our "friend" was omitted by the editor for reasons of good taste. For those with limited understanding of foreign languages, we will accept the following abbreviation -XXXX -- in liev of any of the above.
*Swiped from NASWA's July FRENDX

