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# DX News



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NUMBER 4

"Please renew my membership for another year. DX NEWS is the only bill I pay ahead of the due date!"  
(Bob Fischer, Delaware)

## IN THIS ISSUE...



DXing Polynesia and Beyond - Jay Murley  
Revised CARACOL Colombian Station List - Dave Gleason  
Supremacy Ratings - Norm Maguire  
Domestic DX Ratings - Bob Karchevski  
Captain Glotz - Carter Scholz



## NEW NRC MEMBERS THIS WEEK...

\*Gregg Calkin, Mexico City (rejoins!) \*Robert Steinkrauss, Milwaukee  
\*John Ringen, Jamaica, N.Y. \*Gary Shea, Milwaukee, Wis.  
\*Craig Cook, Milwaukee, Wis. \*Mike Nabholz, Little Rock, Ark.

Welcome to the NRC, people, we hope to be reading of your DX activities often here in the various sections of DX NEWS. **Is there another NRC nucleus a la Boston & Youngstown forming in Milwaukee?**

## RENEWALS THIS ISSUE...

Maguire... Boyd... Fritz... Leamy... Bay... Renfrew...  
Buckley... Murphy... Hoover... Block... Anderson...  
Hansen... Lewis... Kruse... Starr... Reynolds... Sperry  
Parillo... Black... Draper... Yates... Rosenbrock...  
Giese... Nissen... Ryden... Kelley...

## JOIN UP WITH THE FLASH ALERT SERVICE!

Just a reminder about this new service which has been described in the past two issues of DX NEWS. Carl Junker (1312 Colwick Dr., Dayton, O., phone 513-254-9936) is heading up this service; if you wish to receive a card informing you of very last minute special broadcasts which probably won't make it into DX NEWS in time, send Carl 10 self-addressed postcards...

CREDIT WHERE IT'S DUE DEPARTMENT...

HQ workers who helped in the mailing of last week's issue included Dr. Harriet, Ruth and Diane Nelson, Randy Kane, Big George, and GPN. Composition for this issue included Bill Grant, Carter Scholz, Lynne and Cary Pall, Bob Foxworth, Big George, and GPN. Foxy, visiting HQ with his new wife Cathy, prepared two additional pages of hot IDXD tips for inclusion in this issue...

DON'T FORGET RAMADAN!

Ramadan, the Moslem month of fasting and all-night radio broadcasting is now in progress; many rare Arab catches are now being made as a glance at IDXD will reveal... For the first time in quite a number of years Ramadan and good TA conditions have coincided so now's your chance to add quite a few new countries to your log. Ramadan will last until November 19th...

A NEW SPACE MAGNET IS AVAILABLE...

A new flyer from Joe Worcester announces an improved Space Magnet, the SM-2. This unit is basically the old SM-1 with the addition of a tilting feature to permit altazimuth operation as in the big NRC version. This new feature of the Space Magnet should improve the ability to null out powerful local stations but in general shouldn't improve the nulling of distant skywave stations.

VIOLENT CONTROVERSY ROCKS NRC?

The NRC's long-standing policy of limiting DX NEWS to topics associated only with medium wave DX'ing has substantially contributed to the outstanding success of the Club during the past few years and remains as a cornerstone in our editorial policy. During the past week we've received a couple of communications from members who were extremely upset at the caption on one of the pictures in issue number 2 in the mistaken belief that we were taking a political position. This is most definitely not the case; 'twas all a misunderstanding...



The "Impeach Nixon" caption was written by HQ staff who had attended the Convention Auction and who carelessly hadn't given a thought to possible misinterpretation by those who hadn't... Many unusual items were brought to the block to be auctioned off - old Australian TV Guides, a used Canadian dollar (it went for \$1.10), a free pass to a NYC Massage Parlor, etc. One donated item was a 3 year old petition (unsigned) to impeach the President (a Constitutionally valid procedure); because it was originated in the South, Auctioneer Murley asked the only member in attendance from that part of the country, Ron Schatz, to read it before it was auctioned off. Ron did so with appropriate accents (he hadn't seen it before he read it), everyone had a good laugh, and it was auctioned off for a mighty 31¢... To our irate Republican Party worker we stress that the NRC has no political orientations of any sort, nor will it as long as the present Publishing Committee is doing the work. In particular though we'd like to apologize to Ron Schatz (whose political alignment is unknown to us) for any embarrassment we may have caused him by our captioning... Said affair is a fine example of why we should continue to stick to only DX topics here in DX NEWS...

\*Gordon Nelson

DX CALENDAR

Table with columns for date, call letters, frequency, location, power, and time slots. Includes entries for Sun. Nov. 14, Fri. Nov. 26, Sat. Nov. 27, Sun. Nov. 28, Mon. Dec. 6, Fri. Dec. 17, Mon. Dec. 20, Fri. Dec. 20, Mon. Dec. 27, Fri. Dec. 27, Mon. Dec. 27, Fri. Jan. 21, Mon. Jan. 31.

VOA-1178 Still no direct word here on this DX - no signer, no address, except (of course) VOA, Washington, D.C. We understand they'll be on a half hour between 3:30 and 4:30, with everything off in North America save for KEFR.

"AN" SITUATION

ONS: 930 WJAX SPU OFF: 680 KBAT Off SMS, on WMA 1350 KUOR AN-6 ON: WHOM - 1480 AN-6, in SS WBBC-660 wants to know who wants to hear their AN host, Long John Nevel, on Sunday nights - Monday mornings, as well as the other six mornings. How about an avalanche of WOs from you NRC buddies?

R. COOPER - 438 East 21 Street - Carrier Route 56 - Brooklyn, N.Y. 11226

Some more fine CX here, and let's tell you all about it. SM 10/17 - What sounded to me like FF on about 1367 or 1368k @ 1:38-2:06 and on, w/ slow, easy-listening mx, mostly female vocals and male announcements. They tell me this could be R. Wordsee, but it sounds like French, not Dutch, to me - anybody recognize spoken Dutch? On 1180, tough jammer, but some SS making it in/out, but unID, likely KEFR; WHAM off. They played that silly "Charge" like they do at some hick ballparks on the trumpet from time to time. I noted local WHOM ANing on 1480 in SS, so we now have two SS ANs, WADO-1280 & WHOM-1480. MM 10/18 - Um WTRY-980 off, WRC on top @ 1:25. Um WHOO-990 ETing o/CB/WGCK @ 1:52, said 50kw. Two locs off, WOR-710 & WABC-770, hip hip hooray! On 770, I bagged a brand new one, La Voz de Libertad, Panama 5, Panama, HOL-80, w/IDs & MoR SS tunes, atop two other SSes, which Russ E. said were Cuba & Colombia. Somebody with what I think was a Mendelssohn Symphony on 710 u/jammer @ 2:25, a WGBS test-call noted way under @ 2:30am, um. WGY-810 also had pains, and were off until they did a WPAT-930-type s/on @ 3:17 - just come back in the middle of a selection, like they'd never been off at all - but while they were off, an SS noted S-6, but no ID on him, certainly too weak for Sutatenza or WRVM. I'll try this guy on Friday AM. WHAS-840 seems to be OCing every MM now, but two SSES u/that all AM, I didn't get time to check them out, one likely the newly-reported R. Revolucion, and the other Ondas del Caribe, Santa Marta. I sent a letter of thanks to C.E. Loyd of WABC for the silent period, hoping it'll continue. ANYBODY ELSE THINK OF THIS? 10/21 - WRDI-1580 in 6-6:17pm s/off o/u pest WPGC and WCRV (s/off 6:15) and another announcing 250w @ 6:14 s/off. WRDI is ex-WNH, Hamonton, N.J. WPGC still has "Big Wilson" as DJ @ off @ 6:30 plugging Fmhard. Also a 500w s/aff at that time, likely either WHEX. I suggest, to anyone who subscribes to Broadcasting, sending a letter to their section for reader mail, telling our plight and asking stations to consider continuing Monday morning silent periods, or before long, we'll be up to the top of our dial in channel hogs. C U N 7. (Nonsubscriber letters welcome, send to 1735 DeSales St., Washington -rf)

# MUSINGS



BOB BUNDY - Box 114 - Truk, Caroline Islands - 96942  
Times EDT. The past month has been a good one. I've now heard 87 U.S./Canada stations from 20 states & three provinces. Varies in from KPAB-1110 KPMC-1560 KAIM-870 KYXI-1520 KOMA-1520 KGEM-1140 KPOL-1540 KOA-850 KASA-1540, my report their most distant & they remain my only daytime station logged (6,275 miles) KCRL-780, reports having received 12 reports from N.Z.; KLO-1430 WOKJ-1550 KBUY-1540, on day power w/nice v/1; & CHQB-1280, most distant report at about 5,525 miles. Other loggings include WHAM-1180 & KMOX-1120 on 8/30. WHAM has been heard twice since. CHSM-1250 was logged 9/8. 9/10 brought in WIS-890 for only time heard o/semi-local Fijian @ 4:12am. KTAR-620 was first heard w/HI on 9/12 & remains best U.S. DX below 100K. Several lkw stations have been logged: CHQB-1280 KJOY-1280 KYA-1260 & the best one, KXOL-1360 Tex. at a distance of 7,115 miles heard @ 4:38am on 9/20 w/KMO & KGB off. The graveyarders continue to frustrate me. Several stations apparently program fades to coincide with IDs, hi! 1240 seems the best bet. One station has a DJ by the name of Bob J. Hoffenmeier. PDT TCs heard several nights. On 10/4, I thought I heard an Alaska TC & Shemya mentioned on 1240 @ 8:52am temporarily over a Jap. Anybody know if this AFRS station is AN? On 10/6 I finally caught KMBY-1240 Cal. w/ID @ 3:52am, but not enough for a report. A few new countries have been logged. KMTH-920 Midway Is. has been heard several times around 3:45am. A German on 1602 is being heard quite regularly from about 3pm to local SRS. Presumably this is Munich. ZNS1-1540 Bahamas was heard briefly 9/6 @ 6:16am. No ID heard, but there was a WX report for Bahamas area. KPOL was off at the time. Distance is 8,400 miles. Singapore-790 was logged on 9/17 @ 12:29pm w/s/off in EE. Finally my most distant station logged is R. Globo-1180 Rio de Janeiro at a distance of about 10,950 miles. This has been heard several times around SSS. I've heard unID SSES on 1430 & 1180 & another unID on 840 which was either SS or PP. With so much good DX in the evenings, I haven't been getting up early enough to try for Europe-Africa. When I have I've found most Euro-Afro frequencies dominated by Russians. 73s & r bountiful TP DX to all.

DON EGGERT - 321 Hoffman Court - #8A - Crown Point, Indiana - 46307  
10/11. Greetings. DX is starting to pick up here after the normal long Summer period of noise & inactivity. Recent loggings on my HQ-180 w/a 2' loop are MM 10/4- WAIN-1270 on TEST @ 1:47am EIT per tip via phone from Rick Evans. I had listened earlier to no avail, but they evidently came on a half hour later than sked. Later, KROD-600 @ 2 s/off. 10/6- WSRF-1580 @ 7:40pm w/unusually strong signal - perhaps still on 10kw as Aurora did not seem to be the case. 10/8- WAKC-970 @ 7:30 s/off as the announcer got kc/s and watts all twisted up. 10/9- WRAY-1250 @ 7:15 s/off & KAMB-910 @ midnight o/usually dominant KGLC. 10/10- KQXI-1550 accidentally heard while not really DXing but checking the connection on the loop @ 8:15pm s/off. MM 10/11- KSCJ-1360 s/off-SSB @ 12:10 um here but noted due to the unusual time. CKX-1150 dominating the frequency @ 1:30, KTAR-620 w/ good signal @ 2:05 just ending NX, WKKE-1380 ID in OC @ 3 testing 5kw XR & UUDL-1380 s/off at the same time. Later, KWKW-1300 @ 4:02 on what seems to be a fairly clear frequency, on MMs, w/WTAQ/WOOD & others apparently off. Random items, WJAX-930 was heard a few nights ago mentioning "24 hours a day" but I didn't check this past MM. WIND-560 s/off is 4am EIT on MM rather than what the NRC Log has, also local WWCA-1270 MM s/off seems to be @ 1 EIT now as I've heard this about three weeks in a row. Well, I certainly hope that DX is picking up for everyone else. See you all at YAD II!

JOHN TWEEDIE - vacationing in Tangier, Africa  
I arrived in Marrakech, Morocco today, 10/12, & have been in Spain and am going on to the Canary Islands day after tomorrow. Nice trip so far, but no DXing.  
DX NEWS IS WEEKLY - THIS MEANS WE NEED MORE MUSERS - HOW ABOUT YOU, LAD?

RICK "MAX" BRIGGS - Box 1321 - WWC - Swannanoa, North Carolina - 28778  
Greetings from the NRC member with world's longest address. If you spell it out (WWC) you would get Warren Wilson College which would be a heck of a lot for Ernie to type, hi! DX for this season started out slow and then fizzled out. Maybe I should lay paped out. After my second try at DXing down here I somehow managed to touch two wires and cause an explosion that wiped out my electrical power system. If I didn't have my batteries with me I would't even be able to listen to the locals. I figure that Nang (an electrician from Siagon) and I can get the set working by Christmas. But if I do I will find another problem. My dorm is surrounded by high voltage wires and the noise is ridiculous. Now I know how Dave Schmidt felt when he lived across from WFMJ. Congrats to Dave on his CPC Man of the Year award. Be watching for some Briggs arranged tests this year. I'm working on a few stations down here. Well my cloths are done in the dryers so I'll split and say 73s and good DX to all.

DAVID E. ROYS - Route 3 - Blueberry Hill Road - Nashville, Tennessee - 37218  
It's been a long time since I have appeared in these pages, so I will fill you in on latest developments. Until May '71 I was working at RCA Recording studios in New York and living in Middletown, N.J. DX set-up there was only a 75' longwire which netted very little, so I was inactive for a time except for having some local confabs. I have transferred to RCA studios in Nashville and have bought a house & 21 acres about 15 miles NW of town. (Another triumph for Country Music! -ERC) I am in the nulls of WMAK WSIX WVOL WENO & WLAQ. At night, none of them is too strong and WSM is a good distance away. I have a 500' longwire now with plans to extend it to 1,500'. This will tie into two high-Q tuned circuits, then to an HQ-180. The tuned stages before the RX help tune the antenna and make a world of difference in eliminating spurious responses. I have not had too much chance to turn the dials, but at night there seems to be no trouble with spurious responses, and local splash seems to be at a minimum. As the season progresses, I should have some very interesting results. My antenna is pointing towards Australia, so we will see what happens. How about Nashville in '74? 73. (Good to hear from you again, Dave - Good Luck in Country Music USA)

TONY LAGATTUTA - Box 6,291 - Portsmouth, Virginia - 23703  
Hi from Virginia. Nice verie in from #FCM-1550 "World's Finest Country Music". I enjoyed another fine visit to local IRCAer John Howcroft in Norfolk. We peaked up his RX & talked DX. Report out to WHLE-1170 as it and WHLI-1100 are my favorite daytime DX stations on the new RX. There seems to be a new beacon of some kind above 1600. The new RX will have a special band above 1600 marked in memory of WKOV-1620 and WFSR-1620. Since I hope to meet the Boston DX-ers some day I can't express how I have felt since I read of the "Great Pirate Bust" (really the Yonkers Tragedy) in recent DX NEWS. No politics, hi, but had I known I would surely have tried to hear these great stations. Now to DX. All plans were sent out for requests on the R.F. amp. except the last two. I hope to have some two-page ones made up this week. They are free. The R.F. amp. will give wonderful gain if the RX is low-sensitivity transistor tupe and its ferrite antenna is where a primary coil can be placed onto it with some masking tape or such. I heard WEZB-1090 w/WBAL nullled out. It was near 4pm but it may have been all ground wave. Best DX until next week.

BRUCE WINCHEMAN - 1404 Alumni Place - Lawrence, Kansas - 66044  
The first couple of weeks of good CX CX have been to no avail since many other things have taken my time. But still some DXing has been done. 10/2- KVGB-1590 even with & often o/semi-local KPRS @ 7:35pm. 10/10- KNQE-540 w/ mx & mention of LSU and Saints @ 2:08am, unID-560 w/phone-in talk show u/KLZ @ 2:11, any ideas? 10/12- WDXR-1560 w/that GOOD c/w mx @ 12:43am. 1550 had nothing strong here where WOKH/KKJO usually battle it out, what happened? 1540 had MoR w/ KXEL's preacher @ 12:48, KPOL? (Or ZNS-1 -ERC) 10/13 - KLIK-950 w/WX & mx @ 7:21 pm. KJRG-950 up o/KLIK briefly @ 7:22, then back down w/local NX. Whilst the great NRC time debate goes on, I'd like to vote for EIT all the wah through DX NEWS. Continuity and uniformity being my main concern. The longer I'm connected w/NRC the better it gets. And the more I get into MW DXing the more addicted I

6 become. It may even be fatal, hi. I wish I could make it to YAD #2 but many things prevent it. I'd like to meet some of the people who are only names right now. HQ- would it be at all possible for you to run pix of the BPC in one of the upcoming DX NEWSes and have the membership send in their mug shots for future inclusion? This would be better than never meeting the names in person at one of the infamous NRC Conventions or TAD-land get-togethers. At least we could have something to associate the currently faceless names with when we read their ~~bits~~ and ~~bits~~ in the Musings. I'd like to have some feedback on this from HQ or the membership in general. Phone here (when school is on) is 913-864-8454, NO COLLECT CALLS, please! 73 and good DX.

JOHN W. HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan - 49855  
 Big news here is a 1,200' Beverage antenna pointed SE - only direction I could get. It runs over a big bluff behind the house and was really rough putting up through all the brush. I also put up a 750' wire running SW, but that was maximum length possible. My Space Magnet is at Lab being repaired so I can't compare it but I noted two S-units of gain over the 750' for the new 1,200' wire. But harmonics are everywhere - WSB Atlanta on 780, KXEL on 1600 WGN on 880, just to mention a few. Why in the world would that be, when they are at such a distance? DX: 9/27- I had excellent signal @ 1am from R. Nacional-854 Lima for first log on new Beverage. 9/29 had mild Aurora w/WLJ-1580 s/off 7:15 pm for new log. Then WJWC-910 and WKCT-930 atop @ 8:15pm for two newies. That AM I had WASK-1450 @ 12:15 and WDAW-1450 Indiana, Pa. @ 12:20. On 10/4 CFTR-680 ex-CHEF very loud - so must've been higher power mentioned earlier. Also WKAQ-580 w/their "mas musica" after each record. On 10/5 I heard our local, WKCD-970 Ishpeming which recently changed ownership announcing as "WHOOPEE Radio -- WUPY" so this is a definite call change but certainly not announced in Cooper-Trent. Also WGRY-1590 finally from Grayling, Mich. @ 5:20pm. Very interesting CX into N.C. & Wis. w/stations like WCSW-940 WNEI-980 WDLB-1450 all rarely heard well at respective channels. On AM of 10/19 my two closest unlogged bit the dust w/WAGO-690 Oshkosh @ 7:25am just before KRCR's s/on and new WISS-1090 Berlin Wis. in/out @ 8:30 w/Muskegon's WMUS and Ft. Wync's WFWR. Looks like WATT in Cadillac Mich. now owns that dubious distinction of my closest unheard. 73s for now.

ROGER W. WINSOR - 718 North Fremont Road - Valparaiso, Indiana - 46383  
 It has been many moons since I was last in the Musings. I have been almost totally inactive since last March when I got fed up with all the AN stationx and went to interference-free FM. It still is aggravating to hear all those needless nighttime stations going AN with hardly any commercials. Oh well, to DX. 9/17- WYRE-810 very weak w/CW ID @ 12:31, copied to 1 w/rr and jingles & CW IDs. 9/20- Semi-Auroral CX, HNL. WTHB-1550 w/r/c 12-12:45 L&C, WSWN-900 Fla. as usual w/MM ET beeping tones to 1; new KFNF-920 Ia/ w/rr and dedication #2462980 to 1:02 s/off-SSB. Cl on 910 assumed to be KPOF, I never did hear ID though. 10/6- WINR-680 N.Y. heard w/fair signal on new AN programming, 1:15-2:05, copied. 10/11- WDXR-1560 sked SP is MM 12 to 5:30, left KWCO/KEVIP. KWCO has extended their sked by one hour I guess. Go get 'em, Ecers. WCKY noted off @ 12:15, so maybe earlier s/off now. CKFH-1430 on, noted L&C @ 12:50, mentioning fooling around w/50kw tonight. Unk SSB-1100 @ 1, KREX? I heard weak KFAX s/on right after, but SSB was strong. KPOF-910 Col. finally IDed @ 2 s/off. KIOA evidently NSP, as was noted @ 2:40 on RS-rr. Unk R&B on 1550 to the SW w/IL @ 12:30 & on, but no ID. Has XEBG change format or WOKJ on NSP? No ID though has me confused. A few veries this Summer, thanks to a couple of f/ups: KEYJ-1400 N.D., KSEK-1340 ET, WPNS-1080 ET, WSMI-1540 RS & WKBJ-1600 r/c, all v/1. Latter said r/c is no more. WJDM-1530 TEST. Nothing new on the local front except that WKVI-1520 seems to be off the air more than on, & the s/off 9pm nightly now, so must be in \$\$ trouble. I never could see how Knox could support a station anyway. They have a pittance signal from their 398' tower, which is too high for 1520. WKJR is now on 10kw DA, a daytime regular now on 1520. Totals at 2,657/50/50, nine provinces and 41 countries heard. I hope to hear some good TESTs this Winter.  
 YOU TOO CAN BE IN MUSINGS EVERY WEEK - IF YOU'LL JUST SEND ONE IN EVERY WEEK!  
 PLEASE DOUBLE SPACE!

MIKE COLLINS - 2021 Main Street - Stratford, Connecticut - 06497  
 I was interested in what Mike Hardester had to say in his 9/11 Musing about the old radio. I obtained a large GE console w/four bands (including the old FM) circa 1940 someone was giving away and couldn't believe its performance. It pulls WEMD-750 Md. 1,000w 265 miles over land all day with just internal antenna. WHAM is now an Ai affiliate, noted 10/18. 9/29- WKVO-1330 N.C. noted 1:30am very weak u/WVEVD w/rr & hurricane info; also WNCT-1070 N.C. WOBRR-1530 N.C. & WMBL-740 N.C. all heard. 10/8- Paramaribo-725 excellent @ 8:25pm w/movie listings, into Dutch @ 8:33 w/EE ads; R. Tiempo on 1200 Venezuela solid around 8:15pm. 9:15pm program rock on 1580 turned out to be WCLS Ga. (I hoped it was KDAX). 10/11- WKBN-570 O. good w/c/w 2am on, WMCA off MMs now. WMBL-680 Cal. w/CFTR on & WAPA P.R., KNBR audible 3:29-3:45am on top briefly @ 3:42; XETRA-690 u/CMBC 3:55-4; R. Reloj-1100 Colombia ID:L&C @ 1; WBAY-1360 w/jingle & c/w during WDRC 60 second SP @ 1:20. WSRF-1580 Fla. noted all alone w/rr @ 4am. 10/15- WINB-940 Conn. Test asking for reports to CE, u/CFM 1-1:10, clear w/CFM carrier off @ 1:10. 10/16- ZBVI-780 noted @ 8:25pm w/beer ad, non-US rr, ID bragging about 10,000w covering V.I., other SS strong on many channels. 10/17- WKAQ-580 P.R. w/clear jingle @ 12:45am, very strong; WDAK-540 Ga. on top after anthem & s/off of SS @ 1:33am, WDAK w/rr. 10/18- So great to hear SSB on 710 at 12; WGBS & jammer in u/WOR carrier, which went off @ 12:22am (WGBS long desired); WGBS s/off @ 1:03 w/SS taking over, then FF w/TX @ 2am (I checked 164 & Allouis was there, so 710 must have been Rennes); WGBS on testing w/ID @ 2:10. 2:35 on, Dakar-764 clear, solid when WABC carrier off, still there when WABC tested. 3:10, WKIS-740 Fla. w/MoR u/Cuban; WFLI-1070 Tenn. & WNOX-990 Tenn. good @ 4. 10/20- 12:43am mx box ID & clear ID Monte Carlo-1466. 1am Nice-1554 & Germany-1586 good; Morocco-935 Arabic mx @ 8:15pm, R. Victoria ID @ 8:30 on 925, Mu nich-1196 stronger than WOWO @ 7:53pm; Spain-683 in too; 1586 unbelievably strong all evening long. 73s.

ROGER W. WINSOR - 718 North Fremont Road - Valparaiso, Indiana - 46383  
 Sure feels good to be back on the DX trail again. SSS wasn't too bad 10/11-12. Here's what's been heard: 10/11-KXGI-1360 Ia. L&C to 7:30pm s/off; 7:35-7:46 & perhaps beyond, KHL-1140 Mo. w/c/w. I'm not too sure if spot copied @ 7:48 was KHL or not, as KLPR came in soon after. 10/12- D3finitely Auroral, no EC at all, but S N & W were all good. WHBG-1360 Va. noted on f/c 12-12:15 & on, a move from second Friday? ET on 1190 w/TT turned out to be WAVS Fort Lauderdale @ 1:04 ID. SS on 1310 until 2:30 at least - I don't know who though. WRR noted ABING w/HL. 2:12, KGO eas almost equal to WGY, which wasn't weak by this time of AM. WAVS-1190 heard again 2:25-2:30 playing album mx, ID. 10/13 Auroral, only this time EC in strong, WC out entirely. YNIU-965 about strongest ever @ 12:45, strong het on low side of 1080, CMEN? I also had two SS u/CMQ, assumedly TGW & YVQO, but I couldn't ID either thanks to Cuban. One had cl mx, the other lively mx. CKFH-1430 w/fabulous signal w/rr, 50kw rig must be on now, sure ruins 1430, but then that hasn't been that good a frequency anyway. 1:46-2, I copied WJAX Fla. on AN w/Music in the Night. 2-2:15, WONA Winona Miss on w/DT on f/c, I don't know if a r/c or not, reported, and finally KTYN-1430 N.D. on f/c 2-2:15 weak u/WIRE/CKFH. Taped s/off reveals only call letters & frequency, so not reported. MM 10/18, static bad, so were CX to W, but TAs really in. Nice-1554 good level @ 12, strong het on low side of 1460 indicating 1457, but no audio heard. Austria-1475 weak in GG @ 12:02am, het on 1440 indication, Luxembourg, but no audio. TT & OC on 1080 12:20-12:44 ID as WVCG Coral Gables, Fla. on w/OC to 1:13. Weak TT on 1170 @ 12:48, what eas this, het of EC f/c? Poland-1502 heard @ 12:50 w/talk & mx, weak GG on 1394 must be Austria @ 1. KVOP-1170 OK, was off @ 1, leaving OC on though, weak EE station u/static. WREM-1000 Jenkins, Ky. heard L&C on TEST 1:15-1:42 s/off using c/w, jingles, while WCFL was off/on w/OC.

HEARD SINCE LAST ISSUE  
 850 K R P T Anadarko, Oklahoma 970 W U P Y Ex-WCKD  
 W S H R (Pirate) S. Holland, Ill.  
 DAVID COPLAND, by phone, tells us that WNBC-660's AN man, Long John Newel, wants to know if listeners want to hear him on Sunday nights also. So men, let's get those NO votes in by the number! Send SASE to join his Club & vote NO!

# DOMESTIC X DIGEST



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(201) 355-6397



Greetings and solutions, oh ye readers of DDXD. Once again we rally forth in pursuit of great exploits of the realm of DX. First off, my apologies to Morris Sorenson & Rick Evans for omitting their contributions last issue. Their stuff somehow got buried in my humongous pile of papers at typewriter. Their submissions are included herein. No Change items this week, as no stuff in Broadcasting, and nothing new from K & E.

B4 going onward, I'll digress a bit and do a mini-musing in the form of a reintoo: I'm 25, single, and, until something better happens, employed as a college administrator at William Paterson College of N.J. in Wayne. Like-wise until something better comes along, I reside in a large garden apt. complex in Parsippany, N.J. where noise and TVI abound. Equipment is an old and venerable Hammarlund HQ-150 w/ a variable audio band-pass filter, a Lafayette RK825 stereo taper, an NRC FET alt-az loop, and my most recent creation, a 2-foot alt-az loop w/ RF amps, about which an article will be forthcoming as soon as the problems with the FETs in the big loop can be rectified. I tape many of my catches, verie a few, mostly just new states, countries or DX specials. Totals like that are in Domestic Supremacy Ratings. I've heard 67 countries, from all continents save Oceania, with best catches foreign-wise being Vilnius-1554, VOA-1259, and China-1525. Best domestics probably KPIK-1580 on SSS, KPCA-1580 SSS, KXRA-1490 on r/c & KKGf-1310 on r/c. Totals hrd are about 1200 total, about 250 total taped, about the same total varied. U s hrd: 750, but enuf of that. I've been in NRC for 8+ yrs, DXing mostly from various QTH's in NJ ( Little Silver ( NJ shore) , Glen Rock ( nr. Paterson) and here. Also spent a stretch in Syracuse, N.Y. whilest getting a B.S. in Broadcasting from Syracuse University. That DX not in the totals. Well, now on to the real purpose of these pages, hi....

### r/c's

OCTOBER: 2nd MM: WGMF-1500; 3rd MM: KFGO-790; 3rd TU: WABH-1150, WAHT-1510.  
new check: 3rd MM: (10/18) WNCG-910-SC hrd 0310-0313 by Boyd, w/ TT, so presume 0300-15.

### daytime

\*\*\*\* 590 WBCR-NJ) Outlaw hrd per Bill Alisauskas tip w/ extremely poor modulation, full-time rr, and frequent femme DJ's, on 590 10/18 1452, and on 643v 10/20 1515 - 1700 or so. (Page Taylor, Butler, N.J.) \*\* Who says that Bill A. DP'ed loudest signal around Clifton area, quite possibly Clifton High School.... - RJE

### sunset & evening

940 WNRG-VA Hrd s/off 10/10 early @ 1857 (PT)  
950 WWJ -MI In v. early 1920 10/15 w/ Andy Wms. records (Leo Alster, Rahway, N.J.)  
960 CKWS-ON Also in early 1843 10/15 w/rr (Alster)  
1010 WSID-MD) Simultaneous s/off w/ SSB w/ local WINS looped out  
WELS-NC) 1830 10/10 (PT)  
1590 KVGB-KS Even w/ and often o/ semi-local KPRS 1935 10/2 (Bruce Winkelman, Lawrence, Ks)



### midnight to sunrise

540 KNOE-LA Noted on past listed 0200 s/off @ 0208 10/10 w/mx & mentions of LSU & NO Saints FB...(BW)  
960 unID Hrd phone-talk show u/KLZ 0211 10/10, who? (BW)\*\*Well, not WFIL,WBHQ,WQAM.... -RJE  
680 WPTF-NC Off to 0500 10/11, noted WINR on 0415 or b4, CFTR/WAPA strong, nought else...(Boyd, Youngstown)  
740 KCHD-TX Hrd mostly u/ Cuban, w/ little sign of KRMG 10/18 for much of AM w/ c&w w/ occ. pop selections (RJE)  
800 CHAB-SA Hrd w/rr 0140-50 MM 9/13 ( Morris Sorenson, God's Narrows, Manitoba ). \*\*Guess DX is ok up there in God's Country, eh waht?? =RJE  
810 WTRU-ND In vy wk on TEST 9/17 0042-0100 w/ code ID's, jingles, u/KOMO, WSJC,WJCY (Rick Evans, E. Chicago, Ind.)  
900 CKBI-SA Hrd w/rr, wx 0055+ 9/17. Usually XEW is not hrd. (MS)  
\*\* 940 CBM -QU Strangeness afoot here as on past 0130 10/11, 17 & on as late as 0330 10/18, all times w/ talk (RJE)  
950 WFPA-SC Well o/WWJ-etc. 0525-0540 w/ c&w, many spots (Boyd)  
1090 CHEC-AB Hrd 10/11 0157-0204 w/"CHEC Contemporary News" after hard-rock mx (PT)  
KING-WA Hrd u/the above w/ religion, same date, time (PT)  
1260 WWDC-DC Mostly atop where WNDR usually is 10/20 0016-30 (RJE)  
WFBM-IN A real rarity here in for clr ID 0030 10/20.(RJE)  
WMMM-CT If anyone hrd a TT/ET/PoP here 0000-0300, WMMM was sked for it, but they notified me too late to publicize it. Neither PT or I hrd it due to extremely strong WWDC & het from VOA-1259. (RJE)  
1270 WDWL-NJ TEST not hrd 10/4 by either PT or RJE, tho' we did each (independently, yet) hear a tentative ID 0035 sounding like 'em. Now if I can only get the v/s on the phone... We both forgot 'em 10/10.... (RJE)  
WXYZ-MI S/off for maintenance 0330-0600 10/18 (Boyd) Likewise 0400-0600 10/11 leaving mostly KFJZ, wk CJCB to 0500, then WCGC. (Boyd)  
WAIN-KY Bombed in on TEST 0126-0200 w/TT & occ. ID's, started mx 0200 (rce)  
\*\* 1340 CFYK- Best DX catch ever - hrd w/ CBC mx, local wx 2300 9/20, w/much fading and power-line-noise, but alone on freq, to 0111 9/21. Cx were highly auroral at time, and almost no US stns. hrd. (Sorenson, Manitoba) \*\*\*GPN, please note this. God's Narrows is about 350 miles NNE of Winnipeg. Obviously, this reception describes a path with control points inside the "donut-hole" of the auroral belts -RJE  
\* ++1360 WBAY-WI S/off 10/4 0300 w/ SSB, so this leaves 1360 open after that thru to the WC.(rce) \*\*\*Once upon a time there was WDRC -RJE.... at least WC'er may have a shot at CT now,hi.  
1380 KTSM-TX S/off w/detailed annct. 0230 10/10 w/ QRM de below(PT)  
\*\* WBEL-WI On past listed s/off w/ hard-rock 10/10 0230 (PT)  
WKKE-NC TT/OC 0245-0305+ u/WLCY OC, only 2 ID's given(Boyd)10/10  
KUDL-KS W/ "World Tomorrow," s/off... 0300 this week (Boyd) "  
KRKO-WA S7 o/u WLCY OC 0320-0340 w/rr, many plugs for HIT LINES number. Top-40 under 0345-0400, maybe KPOI, but Salinas bearing is similar... (Boyd) \*\* And now there's WBEL to fight with, hi -RJE (10/10)  
WLCY-FL Still s/off 0100 10/18 o/u WKKE ET (Boyd) 10/18(WB)  
++ WMBE-IN For call change off 0103-0600 per annct. Only KUDL left  
1440 WBJW-FL S/on 0500, "This Is My Country" female vocal after s/on annct. o/u WCHB-WAAB-WBUY to 0503 (Boyd)  
1460 CJOY-ON Surprisingly atop freq. 0115 9/16 (MS)

+ 1480 WAVE-NC SP hrd 0000-0500 per annct. 10/18 (Boyd)  
 VHEC-OH Off 0003 MM 10/18, back 0500 (Boyd)  
 + 1510 VLAC-TB Off 0415-0530+ but only CJRS, WMEX there. Also off 0330-  
 0500+ 10/11, leaving same + wk KGA (Boyd)  
 1520 WDRE-BC ET/TT & c&w mx 0130-0200+ 10/9 (Starr, Ohio) \*\* Item lost  
 last week, sri - RJE  
 WKEN-NY Off 0315-0500 10/18, leaving only WTTO & het.(Boyd)  
 1550 WRID Hrd TT w/WCKJ/XEBG but no ID, 0358-0430, 10/12 (Dave Ben-  
 nett, Richmond, BC) \*\* Welcome, Dave - no r/c's listed  
 tehn, so no ideas - RJE  
 1560 KPHG-CA Hrd w/ mx 0154 9/13 (MS) S/off 0401 10/12 w/ SSB, logged  
 unID under but w/ EST TC's...(Bennett) \*\* KY is on ELT,  
 Dave, tho' is 24hrs. don't remember if MM s/off is b4  
 then or not. Maybe an ET?? - RJE  
 1570 CHEO-OB Hrd w/rr & powerful sig. 0035 9/6 (MS)  
 1590 KUUG-WA Hrd new call, ex-KSND (\*\* change run awhile ago, Dave -  
 RJE) 0430 10/12. (DB)  
 1600 KCRG-IA Hrd s/off 0052 9/6 (MS)  
 WCWC-WI S.off 0104 hrd 9/6 (MS)

## changes

(yes, there are a couple after all, hi...)

\* 1110 WBT-NC Has been off 0000-0200 for XR maintenance last several  
 AM's incl. MM 10/18 (PT)  
 + 1480 WHOM-NY Is 24 hrs SP MM (PT)  
 + 610 CHTM-MB Per QSL sked is 24 hrs, SP MM 0100-0700 (MS)

THASIT - RJE

PS: I have just found more CM's; The following available for SASEs as need-  
 ed to insure sufficient postage: 6) WYNS, 2) WUSM, 3) WSEN, 12) KXEN, one each  
 of WPGC, WSVS-FM, WKOK-FM, WNOB-FM, WALK-FM, WPGC-FM, KTIV (chh) & WER-TV.

## grok!

SCORING CHANGES - 1971-72 FOREIGN CONTEST - RJE

Due to a few comments as to the distance breakdowns in the contest as an-  
 nounced in the 10/2/71 issue of DX News, some minor changes will be made  
 here:

ADD:

6 points for each logging in excess of 3000 miles from DX'ers QTH.

Thus all stations at distances from 2000-2999 miles will count 5 points,  
 while those beyond will count 6.

7 points for all loggings in excess of 5000 miles from QTH, thus all stations  
 3000-4999 miles will be 6 points, those beyond 5000, 7.

MORE ENTRANTS ARE URGENTLY REQUESTED. ALL LOGGINGS FROM 9/15/71 COUNT, and  
 there's plenty of time left to join.

## LATIN AMERICAN INFORMATION

From WRTH Bulletin N° 6/1971

580	HOH4	1	Circuito R.P.C., David, Panamá (from 660)
610	HCJJ2	0.5	R.Punto Verde, Quevedo, Ecuador (new station)
660	YNAM	1.5	R.Mercurio, Managua, Nicaragua (delete)
660	HOF33	1	Circuito R.P.C., Bocas del Toro, Panamá (from 810)
730	HJCU	30	R.Melodía, Bogotá, Colombia (formerly R.Tricolor)
790	YVKL	5	Nueva Radiodifusora, Caracas, Venezuela (formerly R. Dif. Venezuela)
810	HOG	0.25	Estación de la Comunidad, Panamá (from 830)
820	HCGB1	0.25	R.Nacional Espejo, Santo Domingo de los Colorados Ecuador (new station)
840	HON32	10	R.Aeropuerto, Boquete, Panamá (delete)
840	HOL80		R.Libertad (Gobierno Nacional) Panamá (new station)
860	YVOL	10	R.Ochocientos Sesenta (860), San Cristóbal, Vene- zuela (formerly R.Junfn)
880	HCRP1		R.Católica, Quito, Ecuador (new station)
890	HOL81		R.Libertad, David, Panamá (new station)
890	HOR34	1	Ondas del Pacífico, David, Panamá (delete)
935	HCUE5	0.25	Unión Evangélica Misionera, Cocta, Ecuador (new)
950	YNOW	1	R.Corporación, Estelí, Nicaragua (delete)
960	HCNC1	0.5	R.Cosmopolita, Quito, Ecuador (new station)
980	YVTS	10	Exitos Novecientos Ochenta (980), Maracaibo, Vene- zuela (formerly Onda Internacional)
1000	HCD2	1	R.Espectáculo, Guayaquil, Ecuador (new station)
1015	HCRS6	1	R.Surcos, Guaranda, Ecuador (new station)
1040	HJJCJ	1	R.Super, Bogotá, Colombia (new station)
1050	OBX6B	1	R.Arequipa, Arequipa, Perú (new station)
1065	HCRV3	1	R.La Voz del Oro, Pasaje, Ecuador (new station)
1070	YVPF	1	R.Betijoque, Betijoque, Venezuela (delete)
1100	HCFW2	1	R.Alegría, Guayaquil, Ecuador (new station)
1110	CP129	1.4	R.El Sol de Septiembre, Cochabamba, Bolivia (new)
1110	HJJY	5	R.Piragua, Sincelejo, Colombia (new station)
1120	HCRT5	0.5	La Voz del Tomebamba, Cuenca, Ecuador (new station)
1150	HJGJ	1	R.Megatón, Duitama, Colombia (new station)
1165	HCUE6	0.25	R.Runacacuyac, Quevedo, Ecuador (new station)
1185	HJFZ	15	La Voz del Centro, El Espinal, Colombia (increase of power)
1190	OAX7B	5	R.Tawantinsuyo, Cuzco, Perú (from 1200 and increa- se of power)
1200	HJZW	10	Armonías del Palmar, Ríohacha, Colombia (new)
1230	YNCN	5	R.Central, Chinandega, Nicaragua (delete)
1260	HOL60		R.Exito, Santiago, Panamá (from 800 and formerly R.Santiago)
1270	HCHC6	0.25	R.Casa de la Cultura, Latacunga, Ecuador (new)
	HCRO1	0.5	R.Satélite, Santo Domingo, Ecuador (new station)
1300	YNOVZ	3	R.Satélite Reloj, Managua, Nicaragua (delete) (formerly on 1015)
1310	YNF	2	R.Circuito, Managua, Nicaragua (delete)
1310	YVZX	5	R.República, Maturín, Venezuela (new station)
1330	HJJS	1	R.Andagoya, Buenaventura, Colombia (new station)
1340	CP128	1	R.La Crónica, Sucre, Bolivia (new station)
1340	HON26		R.Cristal, David, Panamá (formerly R.Sonora)
1350	YVTJ	1	R.Cumarebo, Cumarebo, Venezuela (delete)
1350	YVZZ	1	San José de Guanipa, El Tigrito, Venezuela (new)

## COLOMBIA --- Station list --- Oct-71

Transmisor Radio Caracol	1330	10	HJCC	Bogotá
Emisora del Estado	1310	10	HJCC	"
Radio Reloj	1310	10	HJCC	"
Radio Quince	1310	1	HJCC	"
LV de Antioquia	1350	50	HJCC	Medellín
R. Villav	1330	10	HJCC	"
R. Reloj	1370	10	HJCC	"
R. Quince	1390	10	HJCC	"
LV del Río Cauca	1320	50	HJCC	Calí
Radio Reloj	1310	1	HJCC	"
R. Quince	1380	2	HJCC	"
R. Tropical	1380	10	HJCV	Barranquilla
R. Reloj	1190	1	HJAT	"
R. Quince	1270	5	HJAI	"
R. del Comercio	1190	5	HJCC	Bucaramanga
R. Reloj	1300	1	HJBB	"
R. Quince	1270	1	HJTK	"
LV del Huiz	1190	1	HJFA	Manizales
R. Reloj	1420	1	HJBB	"
LV de Cúcuta	1090	10	HJBC	Cúcuta
R. Reloj	1250	1	HJBS	"
LV del Café	950	10	HJFM	Pereira
Onda Libre	1270	1	HJLZ	"
R. Bahía	1420	1	HJAF	Cartagena
R. Reloj	1360	1	HJAV	"
R. Cacique	1260	1	HJDV	Ibagué
R. Pasto	1280	1	HJLR	Pasto
Pregonos del Quindío	1150	1	HJFI	Armenia
R. Neiva	1230	10	HJFP	Neiva
R. Barrancabermeja	1170	5	HJGN	Barrancabermeja
R. Magdalena	1430	1	HJBB	Santa Marta
R. Popayán	1520	1	HJLS	Popayán
R. Villavicencio	1290	1	HJIA	Villavicencio
LV del Caquetá	1440	1	HJIB	Florencia
R. Sabanas	1360	1	HJNI	Sincelejo
Transmisor Río	1300	1	HJDG	Montería
R. Guadalajara	1410	1	HJEF	Buga
R. Tulúa	1440	1	HJEK	Tulúa
LV de la Dorada	1380	1	HJLG	La Dorada
R. Valledupar	1050	2	HJBB	Valledupar
R. Reloj	1380	1	HJTB	"
R. Progreso de Córdoba	1040	1	HJGX	Lorica
LV del Oriente	1090	1	HJIH	Sogamoso
Em. José Antonio Galán	1360	1	HJGI	Socorro
R. Sevilla	1530	1	HJJB	Sevilla
R. Catatumbo	1150	5	HJBT	Ocaña
R. Reloj	1290	1	HJTB	"

LV del Banco	1580	1	HJLC	El Banco
Ondas del Gualf	1410	1	HJGS	Honda
Ecos del Río	1350	2	HJHW	Pto. Boyaca
Em. Cultural Bolívar	1220	1	HJNM	Ipiales
LV del Cinaruco	1320	1	HJLZ	Arauca
LV de Garagoa	1290	1	HJHI	Garagoa
La Perla del Pacifico	1310	1	HJJO	Tumaco
LV de Anserma	1360	1	HJFH	Anserma
LV de Corozal	1250	1	HJEM	Corozal
Em. Río San Eugenio	1300	1	HJLD	Sta. Rosa de C.
R. Tukarena	CP			Turbo
R. Libanense	CP			Libano

CARACOL (Primera Cadena Radial Colombiana) operates 3 sets of stations. First is the basic net, which originates from HJKC-850 (feeds from HJDK and HJED are also made) and presents soap operas, news, sports, live singing and humor, etc. Radio Reloj is not a net in the sense that programs are rebroadcast. All stations are owned by Caracol and its affiliates, and program basically Colombian tropical music. Station features frequent time checks and gives many public service spots on lost people, stolen items, etc. Radio Quince is a group of Latin rock stations, and promote Colombian rock singers heavily. In Bogotá and Medellín, a 4th station is operated, with local programming. Except in these 2 cases, stations not bearing the Reloj or Quince names are part of the basic net. Oh, yes... one last word: some CARACOL affiliates are not equipped for live rebroadcasts of the network, so they take the programming by tape, and present it later. News and sports may be done by Short Wave.

This list was prepared in Colombia, and not guaranteed 100% accurate, DFG.

Corrections to stations in

B R A Z I L

1320 ZYF64 5/1 R.Clube de Goiania, Av.Goiias 17/17. Goiania, GO  
(new call) 1000-0400.

M E X I C O

1110 XESON 1 R.Universidad de Sonora, Hermosillo (additional  
frequency to 850).

N I C A R A G U A

820 ex-825 R.Ondas de Luz, Managua  
950 ex-945 R.Monumental, Boaco  
1020 ex-1015 R.Reloj, Managua  
1040 ex-1035 R.Occidental, Chinandega  
1060 YNKW R.Cristal (former R.Musicalia Satélite Reloj)  
1080 2 R.Circuito, Managua (formerly in Chinandega)  
1185 0.5 R.Santa María, Nandaime (not Juticalpa)  
1250 ex-1380 R.Rumbos, Rivas  
1285 3 R.Granada, Granada  
1290 YNOO R.Plaza Reloj, Matagalpa (new station)  
1290 ex-1300 R.Satélite Reloj, Somoto  
1380 ex-1160 R.Sensación, Managua  
1500 R.Variedades (former R. Tierra Pinolera)

U R U G U A Y

1450 ex-1560 CW145 R.Arapey, Salto  
1460 ex-1467 Liceo San Carlos  
1460 0.03 Liceo de Castillos, Castillos (new station)  
1510 ex-1600 0.1 R.San Carlos, San Carlos  
1550 0.25 CV155 R.Atlántica, Castillos (new station)  
1580 0.1 CX158 R.Paso de los Toros, Paso de los Toros (new)  
1600 0.1 CW160 R.Fortaleza, Rocha (new station)  
1600 0.1 CV160 R.Continental, Pando (new station).

V E N E Z U E L A

1190 YVZD 10 Surcos Cultural Andinos, San Cristóbal, Táchira  
1210 YVQD R.Anzoátegui, Barcelona, Anzoátegui (new)  
1260 YVRM 5 R.Espacial (former R.Impacto)  
1320 YVWP 1 R.Apolo (former R.Santiago Marino), Turmero  
1320 YVZR 5 R.Continental, Barrancas, Barinas (new station)  
1330 YVTI 5 R.Catatumbo Internacional, Santa Cruz de Mara  
1360 YVTW 1 R.Occidental (former R.Chivacoa), Chivacoa  
1390 YVZA R.Cultural, La Voz de la Patria, Caracas (new)  
1400 YVJB 1 R.Sabana, El Sombrero (former R.Compás) new call  
1430 YVZY 5 R.Barinitas, Barinitas, Barinas (new station)  
1440 YVQC 5 R.Estelas, Guanare, Portuguesa (new station)

(From WRTH Bulletin 5/71)



continued on page 26!!!



Hawaii, down under, and in between: DXing Polynesia and beyond

By Jay Murley

It can be a long, long haul, but they're being heard. And accurately reported. And properly verified, by a cross-section of chief engineers who, by and large, are the most conscious of what constitutes a solid report of their profession around the world.

Tarawa, in the Gilbert and Ellice Islands, has been logged in Fla., Ga., Va., Pa., and a host of other eastern locations. Aussies have made it from Massachusetts to Florida - and most states to the west of the eastern seaboard. New Zealand is commonly reported, and even from the east. And Hawaii? Jerry Conrad taped five in a short period in Florida. A few of the other countries range from difficult to unbelievably difficult: Fiji, the Samoas, the Carolines, Cook Islands, Midway, Tahiti, and the Solomons. But, they're there. And they make DXing targets of above-average interest.

Characteristically, it's a different sort of DXing than the largely-western TP chasing or equally-eastern TA hunting. Nor is it like dissecting most of the Latins, though it bears resemblance to hunting elusive Deep South Americans. Aurora blankets don't preclude reception. In fact, a good aurora storm back east often aids the western DXer in increasing his Hawaiian and DU totals. Especially if the DXer doesn't have that final say over his sleeping hours to enable tuning down the dial in the wee small hours when certain frequencies open up, as North American stations sign-off for transmitter maintenance!

As many DXers have yet to positively log their first Hawaiian, much less a DU, let's take it from the top. The ground rules have to be heeded.

First, there's the temptation to let your imagination assist in overcoming the weak signals getting through to your earphones. Don't. If there's any part of the world where a bad report to a station leaves a bad taste with knowledgeable chief engineers, it's the mid-Pacific and beyond. Alan Roycroft in Honolulu certainly knows which reports were logged from WRTH or Standard Rates and Data, and if you try to sneak a bad report for KORL on 650 - wait 'til you try to get a verie for such stations as KAIM, KCCN, KHAI, KIKI, KKUA, KOHO, KUMU, or, in all likelihood, KTRG's and KHAI's eventual successors on 990 and 1090. Because Roycroft is Chief Engineer for them all! Or consider heavily-reported Tarawa: Alan Merriman's first tape was turned down as inconclusive (I heard it and I would have verified it); making the verie that resulted from Virginia's second reception just that much more valuable in Alan's collection! And you can't cop out with a lack of detail: **one well-known** DXer's reputation still suffers from a one-line reception report sent to New Zealand and released into the DX world by a local DXer! The incident isn't recent, but came up in discussion as recently as the Memorial Day weekend get-together in Riverside, California.

So don't ID unless you are positive. Let's assume you hear definite Polynesian music on 1420 at 0730 GMT. Western Samoa! For in Apia, it's sunset: is it enough for an ID? Well, it's 9:30 PM in Honolulu and a loop busy nulling something else isn't going to give a mainland DXer much direction-finding comfort. Especially with KCCN, Honolulu, having a sign-off two and a half hours later - and a format of 100% Polynesian music. If you don't get enough for a positive ID, report it to the bulletin as a tentative, including enough data to let others assist you.

You're probably going to need a loop to build your totals, unless you're a West Coast DXer shooting for Honolulu on single-skip nights with a clear horizon from your home to the ocean. On single skip nights hereabouts, Honolulu and Hilo can come in on a very low angle. Second-skip reception prevails as far east as the Great Plains. Tarawa, the elusive Samoans, the variable Marshall Islands, and difficult Tahiti tend to be third-skip in the West. And fourth skip in the Northeast. By the time you analyze Australian reception in New England, you've got a number of long skips at rather low angles. Don't expect too many of these multiple-skip receptions to keep your S-meter glued at a readable S-7. At best, they'll fade. Often with long, deep fades. One minute of readable audio followed by four minutes of nothing but QRM is often the rule. So excluding, perhaps, the Hawaiians in the western states, be prepared to spend five minutes or so on each frequency.

During the summer, for instance, this can be difficult. You'll probably have your gain peaked wide open chasing DU's and the like - and that isn't too pleasant when most of the country is in darkness with thunderstorms pounding only a thousand miles away. Summer reports of the DU's are fewer in number, because QRM levels are so high on the mainland. One tip on the West Coast: avoid the ear-shattering storms to the east by tuning in the final hour before dawn. When KOA fades with Denver sunrise, noise levels do tend to drop. The increasing number of Aussie all-nighters, for instance, may produce some great catches.

The heaviest reporting of stations from Hawaii and beyond tends to be from late September to mid-November (or whenever the Midwinter Anomaly sets in. Second in frequency would have to be mid-February to early May. A good auroral storm knocking out such stations as WCCO often works to KIKI's advantage (out of sheer forgetfulness to check WWV, that's been my usual way of discovering that an auroral storm is in progress in the distant northeast, more often than not!). I would venture the comment that most Southern California loggings of Tonga's ZCO occur during aurora, for KGBS on Monday morning precludes reception then, leaving us the prospect of attempting to null KSWB in New Mexico with KDKA comfortably absent. But the total loggings are scattered: less than half are concentrated in the key months of October and March.

The best frequencies? They'll vary. Sometimes the high frequencies will be best, with 4QD on 1550 the only audible DU. Or perhaps the low end: with audible DU signal available only from 2YC on 660. At other times, it can be just the Zedders (780-860-880) or the Aussies (770-840) or Tarawa (844) further up the dial. So another thought: it's a big ocean. Just because the Aussies/the Zedders/Tarawa/or even Nibi-Nibi is rolling in (read: audible for a change), don't expect them all to be. Because they won't.

The likeliest to be rolling in at all: HAWAII. There are 24 remaining targets. (It may go back to 25 when the KTRG-990 situation is resolved. Honolulu's telephone-talk outlet lost its license last winter, leaving an open frequency on a good dial position). Most often heard on the mainland: KORL-650, KUAI-720, KGU-760, KIKI-830, KPUA-970, KHVH-1040, KHAI-1090, KLEI-1130, KOHO-1170, and KZOO-1210. But everyone's list is different, as your local geography eliminates frequencies. Going down the lineup:

At 550, KMVI is the CBS outlet on Maui, licensed to Wailuku, carrying KGMB (Coco-nut) news, with an uptempo MOR format that gets more uptempo and less MOR at night. From 0800 to 0900 GMT on MMs, it's a possible if you can get by NSP's KAFY, KARI, WSAU, and the Cuban - assuming that KOY and WGR have picked that MM for one of their irregular shutdowns. I.e., it's tough.

At 590, KGMB, Honolulu's least uptempo MOR, is more often heard. NSPs include KFXM, CKEY, WPLO, and two B.C. stations. A little easier.

KORL at 650 used to be best from 1000 to 1045 on the first Monday of the Month if you lived near KFI-640; if KFI doesn't present a problem, any MM from 0600-1000 should do. It's a wall-to-wall station, featuring sleepy to semi-classical mx, with news on the hour, and a sign-off policy that has recently shifted from NSP to off MMs from 1000-1430, per Paul Lotsof's recent research. It shouldn't be confused with WSM or KYAK, as the two co-channel stations are both country-western at night, which certainly makes for contrast.

At 690, KKUA is imitation. Drake-formatted. Call it RKO General Rock (though it really isn't: the home stations are Chenault's two California AMs), or "Much-More-Music Top Forty," or what you like. It can hardly be confused with co-channel XETRA's Wall-To-Wall Easy Listening format. But it can disappear under XETRA's NSP signal, and can't be looped in most of California most of the time. Also NSP, to make things interesting, are WTLX, WAPE, and the Cuban. Best bet: when XETRA is off on occasional MMs, try for it after 0900 with CBU off. It can be heard well to the East with luck and patience.

KUAI, the little CBS affiliate in Eleele, Kauai, on 720, is commonly reported. It can be heard with the Cuban (and/or the two Venezuelans or Colombian) nulled on Tuesday mornings from 0700-1130 with WGN off. The music is MOR mixed with whatever else strikes the announcer's fancy. 0915 to 0930 is an especially fine time to listen:

Westerners may luck out and pick up 4YZ in New Zealand

underneath. KUA1 is a good bet (but 4YZ isn't).

On 760, KGU is uptempo MOR with lots of Islander Baseball and High School Football during peak reception hours. An NBC affiliate, it carries the Dolly Holiday show in the wee hours, HST. If you've never heard a Hawaiian, and you're a Westerner reading this in the summer time, try this approach. Get up before KFMB signs on about 0525 Pacific Daylight Time, and listen. WJR in Detroit fades out in their sunrise as much as two hours before from May thru Aug., and the last noise levels of midwestern summer weather fade an hour later. That should work several nights a week! KGU is off irregularly for transmitter maintenance, by the way, opening up a clear shot for New Zealand's LYA: but more on that later.

When I see KKON reported on 790 in the DX columns, I check to see who's doing the reporting. Hawaii's second newest AM station is the toughest. Half-a-dozen NSPs make MM reception difficult; a varied evening format of whatever-record-is-on-top makes characterization difficult (except to possibly say that they don't try to offend anyone with hard rock or country-western); and there's a little problem called mountains. KKON is on the Big Island....and from the mainland it's on the back side of the mountains on Big Island. Which precludes single skip reception even in Southern California. It's extra high-angle skip (and possibly two extra skips east of Colorado or so) is asking a lot of propagation for a thousand watts on a rather crowded frequency. I've heard it often enough in the islands, though it's tougher here. Much tougher.

But KIKI on 830 is one of the easiest. I liked it best when Grant was doing a telephone-talk show at night; for the last year or two it's been rocking. A loose, rather personality-oriented, top 40, it shares 830 with WCCO, the Cuban, the Colombian and the Venezuelan. In California, the average loop does little good: to the east, a good loop is probably a necessity to verify this NSP. If all else fails and you live in the Southeast, I suspect it may be possible in auroral conditions if you can null out the Latins.

Hilo's KHLO on 850 was an easier catch when it was KIMO, in the eyes of Father Jack Pejza, and I very much agree. One possible reason is their expanded sign-off schedule. Paul Lotsof noted that they're off MMs from 0530 to 1530; formerly they took a shorter 0915-1445 MM break. One result: they're buried under an avalanche of competition whenever they're on, including both KOA and KTAC in the West. A rocker, they carry Islander Baseball, KGU (Hukilau) News, some NBC, and an occasional football game involving a Big Island team in Honolulu, fed by KGU apparently. Let's hope they shorten the sign-off period to make this a reasonable catch (in the West, anyway): until then, they're a tough catch.

At 870, KAIM offers commercial religion interspersed by classical or background music when they have unsold time blocks. WVL shares the frequency, offering an 0700-1100 MM sign-off, and KAIM signs off between 1005 and 1010 depending on how long that night's long rendition of SSB runs. For religious // users, Hour of Decision runs at 0900. Otherwise, the full ID and s/off from 1000-1002 is a solid bet, assuming you can null the Cuban with ease.

KAHU is Hawaii's country-western station, sharing 940 with NSPs, KHOS and WFNC. In spite of the Arizonan that shares their format, they are a decent bet from 0830 when B.C.'s CJEB signs off to their own s/off at 0900 on MMs. Particularly audible are their "Kah-hoo" logos, frequently used in their on-the-air promotion.

KPUA has become an easier Big Island logging at 970. An uptempo MOR offering KGMB (Coconut) News at the hour, with some occasional AEC, KPUA signed off at 1000 my last trip to Hilo, but Paul Lotsof notes that they run AN now. Other NSPs are KCHV and KAKC, with three Eastern stations off by 0800 on SM only and three scattered outlets off by 0630 on MM. From 0700 on MM's, this should be a decent bet for many in the upper Midwest, northern Rockies, and Pacific Northwest.

I'm happy to report that I couldn't find anyone logging KTRG on 990 in 1971 issues of either clubs' bulletins. Don't. But watch for some set of call letters to re-appear on this channel whenever the FCC untangles the situation they created when they removed this facility from the airwaves.

At 1040, KHVH is very much on the air. And on SM from 0600 to 1000, with WHO off, its most frequently heard competition on 1040 are the nullable Colombian and Venezuelan facilities. Tune for IDs on the hour and near the half hour as the normally all news and talk station plays background music during these hours. Unless WBZ, WHN, or Canadian splatter from adjacent channels presents insurmountable problems, this should be an excellent bet.

KHAI on 1090 is still reported off the air at present. It's another frequency to watch, because it was commonly reported, particularly on MMs after 0930, with Alberta's CHEC nulled. (In the meantime, if you're missing Alberta, well....). When the economy fully improves, somebody should be taking a gamble on adding another transmitter back into the highly competitive Honolulu radio market. Please don't report it in the interim!

KIPA on 1110 is not commonly reported. Your best bet for this Hilo station is from 0800-1000 on the second MM of the month, with both KRLA and WET off. That leaves KFAB and CHQT competing against KIPA's Japanese-language programming, with EE IDs every half hour, per FCC regulations. At least one, and quite possibly two, of the five Colombians and Venezuelans on this frequency are NSP. If you haven't got a loop, be especially wary of confusing JJ and SS: they can sound very much alike when the target station is buried in the soup!

I hadn't tuned to KLEI for a few months and I was surprised to note that they've gone conservative MOR serving Honolulu's Windward suburbs where they're located! For several years, this facility on 1130 had been formatted strictly to Hawaiian music, and NSP to boot. Now, according to Paul Lotsof's report, they s/off at 1000, making MM from from 0830-1000 the best time to log them. If you can get by CKWX, WCAR, WNEW, and a few Latins.

The notes about JJ programming apply to KOHO on 1170 and KZOO on 1210, as well. KOHO is signing off later than its former 0930: 1200, according to Paul Lotsof. In any case, KPUG's 0900 s/off cleared the deck of all but KVOO, KLOK, and KCBQ in the past, with one of them likely to schedule MM engineering s/off time in the coming season.

The presence of a rocker, and uptempo MOR, and a telephone talk all on directional 50 kw's in the West have kept KOHO a tough catch but KZOO on 1210 has had an easier time of it. WCAV signs off from 0500-1000 MMs and the Cuban is nullable. If you've never heard a JJ station, this must be the surest bet for most!

KNDI on 1270 features Gospel Music from 0800-1000, their daily midnight s/off. Prior to then, it's largely a succession of dollar-thumping commercial religion; and if they can sell some more, portions of the Gospel Music programming will undoubtedly be cut back. Best reception possibilities exist on MM with WXYZ and CHAT (among others) off: the NSP's are KFJZ, CHWK, the Cuban, and a few less-powerful Latins. If Michigan happens to be 0° or 180° from Hawaii from your location, watch out for WXYZ's OC prior to their 1000 s/on: it's audible enough in Southern Calif. and could be a little nerve jangling, say, in Wisconsin!

KNUI is the Maui station on 1310 whose 0800 nightly s/off happens to coincide with KDIA's and KBUZ's on MM, on a frequency shared by WRR and a group of Eastern NSPs. On the favorable side, they've gone from 1000 to 5000 watts, increasing reception possibilities in the West. If Ontario, Indiana, and Maine are 180° from Honolulu for you, making effective looping impractical, wait for an auroral night. If you can then dissect one soul station (KDIA), one often in play-by-play (WRR), and one conservative background station (KBUZ), look for what sounds like some sort of MOR. And hope that they're the last of the three 0800 MM s/off's! Tough, but possible with luck, patience, a good loop, and the right location in the West. Listen for such place names as Kahului and Wailuku in the commercials, for the right combination of time and temperature readings (especially in midwinter), and their logo, "Kay-noo-ee".

KTOH, 1350, is in Lihue, Kauai. It used to sign-off at 1000 (midnight, HST); if I'm not mistaken, it now signs off an hour earlier...at 0900, as does CJDC in B.C. NSPs are KCOR, XEQK, WESY, WSLR, and WSMB. To further complicate the picture,

KRLC and WCWV s/off only on SM while CKLB and WIOU are off on MM. It's possible, I suppose, on SMs if you can line up a few offending NSPs in the null of your loop, and score this catch on a very auroral night. But it isn't made any easier by an earlier s/off.

On 1380 sits KPOI, long Hawaii's dominant rocker. "Kay-poy" offers news five minutes before the hour, is NSP, and is most often heard on MMs after KGMS and WAOK reduce the soup level with their 0300 to 0305 s/off's. Best bet: 0310 to 0450 on MM with KRKO in Wash. nulled.

As the last all-Hawaiian music station in the state, KCCN might increase in stature as a DX target. At 1420, it shares the honors of NSP with KSTN, KTOE, WHK, and either CKPT (off MM) or WBSM (off SM). The mass of low-powered Latin QRM tends to be gone by 0900 or 0930, giving KCCN a reasonably good shot for those in the West who can line up their loop nulls, especially on auroral nights.

There's one last station in the Fiftieth State: KUMU on 1500. "Koo-moo music" is a soft, conservative, wall-to-wall NSPer, on a frequency with two California NSPers, country-western KBBQ and MOR KXRX. The best bet is MM from 0905 to 1100, especially audible from such cities as San Diego where both NSPers to the north can be nulled simultaneously. Elsewhere, it's tougher.

The list above represents most of the Pacific Island potential for most DXers. But there are stations further out in the world's vastest ocean, and they are being heard by DXers scattered across most of North America.

The most hunted and most reported station in the Pacific over the last year and a half has been **TARAWA**. It occupies a nice (for most of us) split frequency: 844. And it's from an exotic-sounding little place called the Gilbert and Ellice Islands, a British Crown Colony best known to stamp collectors and Second World War buffs. If you're new to the hobby and feel that you're chasing stations that all the oldtimers blithely regard as unneeded, the story of Tarawa receptions should prove of interest.

With barely-noticed advance publicity and no sure word about timing, Colonial officials put their 10,000 watt rig on the air. Apparently, Professor Richard Wood, then in Honolulu, was the first DXer to log them. Like a few minutes later. Perhaps the Aussies and Zedders were next, but in any case, Richard's reports to the DX publications had to wait for the post office to handle the mail. And in the meantime, the station had not gone completely unnoticed in the West. Larry Godwin heard it in Colorado: thanks to quick phone calls to DXers like Don Kenney, Santa Monica, Calif., stating "I-know-what-I'm-hearing-but-I-can't-believe-it, etc.", many in the West logged them that same first night (yours truly included). In Northern California, Clarence Freeman discovered them independently. Within two weeks, Tarawa would dominate both club's international sections. After so many S7-S8-S9+ reports from the West, it was inevitable that interest would soon focus on Eastern receptions.

Alan Merriman in Virginia was first to hear them and correctly report them; Ben Dangerfield in Pa. was first to verify them on the Eastern Seaboard. Near Boston, concerned DXers piously gathered in Watertown to pray for WHDH transmitter failure, but to no avail. Loggings were piling up rapidly, until the station could not be heard for a few weeks. Tarawa's new facility was undergoing repair. Since then, it's been in again, out again, for Tarawa is a long haul from the mainland.

From September on, Tarawa is especially good from 0800 to 0900 GMT MMs; in any case, before WHAS signs on at 1000. (Assuming it doesn't go NSP before you read this). In the West, you can listen later: but watch out for KOA's MM OC, normally about 1025 or so. Prior to about 0705, KOA's presence and local sunset preclude reception. Co-channel problems exist only in the East: Rome-845 was riding over Tarawa-844 on Merriman's first tape! 840 has two NSPs of note: the Cuban and the Colombian, either (or for some, both) easily loopable. 850 offers the same NSPs among the Latins, Cuba and Colombia, adding WRAP, WHDH and CKVL (both of whom offer SM s/off's - the equivalent of MM NSPs). Assuming that you don't live in or to the close west of Boston, Montreal, or Norfolk, there's much to be said for spending five minutes checking 844 on a MM (in season).

Culled from my pen notes and back issues of both clubs' international sections, here are typical items heard: native male annrc and mx: 0740-0745, male in EE with apparent news 0748, ID and/or IS 0800, native male and/or female annrc with mx 0800-0915, ID and/or IS 0900 and/or 0915, EE language lesson 0915, s/off (GSQ) 0935. Time checks are often reported; they're GMT plus 12, which is a little unnerving if you're not used to hearing GMT on BCB and have to think out all these conversions for everyone else. Music does vary: in the Polynesian area, it varies from Hawaiian-sounding slaeek string to chants to bouncy Tahitian cuts; mix in a few familiar rock cuts, some lush instrumental, and some hymns; and let the announcer on the board pick from the pile by some unreported selection process.

This station shook the DX world in early 1970; it's still a fine catch for anyone today. (A few DXers have experienced QRM from an alleged Nibi-Nibi station near this frequency; in reality, that's only a San Diego pirate that's wandered up from its self-assigned 840).

Until Tarawa went to major-power, the most hunted and often reported mid-Pacific station was ZCO, the voice of **TONGA** Broadcasting Commission. It's been logged in New England and the Mid-Atlantic states by DXers who nulled Los Angeles KGBS and suffered through an occasional KDKA or KSWB OC on MM; and by Californians who enjoyed armchair reception on any severe auroral night but MM after all-talk KSWB s/off at 1000 (hopefully, they won't go to 1100). The pattern still follows: if you have a loop, knock out the Colombian or Venezuelan: on a good South Pacific opening, ZCO is over/under KGBS or KDKA depending on your location, loop angles, and the good old aurora.

In format, it's rather like Tarawa, except that 1) ZCO carries commercials and, 2) doesn't offer quite the same "stiff upper lip" EE lesson approach of BBC-supplied programming. The IS is weird flute sounds; the slogans include "This is the Call of the Friendly Islands" and "This is the Tonga Broadcasting Commission". Best reception times: 0715-1015.

Though both Tarawa and Tonga have dominated as individual DXing targets, the most commonly attempted target is **NEW ZEALAND**. Half a dozen stations occupy the spotlight, with others worth noting in passing. Even little 2000 watt 3YW on 1460 made it to Santa Monica, Calif., on a MM two years ago!

LYC, the Auckland station on 880, is most commonly reported; often, it's the only DU audible on the mainland. It's most commonly heard from 0830 or so to 0930 on MM with WCBs off (from 0605 to 1130, half an hour past LYC's 1100 s/off). It's a quiet frequency, free of TVI, known for long-haul DXing: Brazil in PP, over/under LYC has been reported in Colorado, California, and Hawaii. The most commonly heard Peruvian, Radio Union, used to s/off before LYC fades in; hopefully, it will continue to do so. Midwestern DXers may have to null out adjacent-channel splash from WLS-890 or WWL-870 to get needed quiet: but in a prolonged period of solar quiet, with very low  $A_p$  readings, this is the one to watch. Key items of programming: the 0830 News followed by classical music and a male annrc thru to the 0900 ID and its five or six pips, several seconds apart, that sound somewhat like under-modulated bird whistles. Standard reception pattern: ten to forty seconds of legible copy followed by two to six minutes of the most frustrating weak static imagineable. (I've never heard the full ID, but then signals always fade just before or during an IS for me!). There's an element of challenge here.

If 880 strikes you as challenging, some of the others are downright frustrating. The best thing I can say about 4YA on 780, 1YA on 760, 3YA on 690, and 1YZ on 860 is that they tend to run somewhat //. Each offers news at 0833 and weather following station identification at 0900. Well, one by one. We discussed 690 in reference to KKUA and 760 in reference to KGU: now add a few skips to complicate reception difficulties, and the blithe assumption on my part that 1YA is most audible on the West Coast in summer just prior to KFMB-760 signing on. But these do get out: Dangerfield got a clear 0900 report on 4YA in Pennsylvania on a MM in February and again two weeks later at 0815 in March, and his experience is hardly unique. Traces of skill and blind luck maybe, but hardly unique. 780 isn't a bad frequency, however; I regard it as a little noisier than 880 with several Latins that have to be nulled: Ecos del Torbes, the Venezuelan; and the inevitable Cuban pest. After its s/on, ZBVI in the British Virgin Islands, presents problems if it's totally unneeded.

So here's a frequency that actually works to an Easterner's advantage, as he can line up the two key Latin problems in one null! Then there is YZ on 860, occasionally reported via //s, on good Zedder nights. With KONO off on Tuesdays, and KTRB an NSP - with a few Latins to keep it company, I've never been lucky enough to log it. The same applies to YZB on 1070, occasionally heard on the West Coast on auroral MMs with KNX off.

One New Zealand development to watch: the NZBC plans to put a 50,000 watt on 540 kHz. And it could be quite a likely catch on a low-band opening!

But there's one other Zedder that shouldn't be overlooked. 2YC, the 60,000 watt powerhouse in Wellington on 660. One of my favorite stories on my own bad habit of "listening" rather than conscientiously DXing occurred several years ago. I needed New Zealand on that season's total, though Alaska (and KPAR-660) had been booming in rather consistently. I reported a weekend's observations to DXCD, noting that KPAR was dominating 660 after WNBC's a/off, with XERPM also off. True enough, it was dominating, and I didn't bother to sit on 660 for five minutes with the Alaskan null. I missed a bet, for that week's edition of BKN showed my 660 logging and right next to it, Millar's from Washington state, a thousand miles plus closer to the loud Alaskan. Millar had looped KPAR, and had come up with a solid 2YC logging. Day and minute with my own. So two morals: loop a little and carefully and listen a little harder.

KPAR, by the way, is NSP, so you'll probably need a loop to pick off 2YC on many potential nights. 2YC's programming tends to // SBO, if that's any consolation. You'll hear arias, classical mx, British accents, and the like. When and if you hear them. At least KPAR is distinctively different, if you happen to get them rather often.

AUSTRALIA, on the other hand, is most often heard on high-band DU openings. Openings on 1550, to be exact. The key station for the North American DXer is 50,000 watt 4QD in Emerald, Queensland, the state closest to us. When San Francisco's classical music KQHH signs off at 0810 on a MM, only one or two low-powered Latins remain - and they're generally gone by 0830. Listen for snatches of classical mx, and loop carefully....very carefully. Booms 4QD and the Siberian are both heard regularly with classical music on the Pacific Coast and into the Midwest. Several Western DXers have legitimately reported "Australia over/under USSR," as the two signals, nicely spread by 90°, fade in and out of supremacy with careful looping! Australia has been logged by long-wire as well. Jerry Conrad's catch last season on an extra-long, highly-directional Beverage long-wire might have been particularly spectacular, as Jerry is a Florida resident. For those using long-wires, some programming tips (but as always, subject to instant change - and they may well be obsolete by now!). On various MMs: 0836 conservative mx, 0853 and 0855 men talking/news, 0905 and 0909 England Today, 0910 (approx.) racing results, 1000-1100 classical mx. For on the hour IDs, an ABC theme that sounds operatic and six pips on the hour have been noted. California or Washington reports? No, these are from New Mexico, Colorado, Wisconsin, Nebraska, and Florida.

There are other Aussie possibilities to consider. At 640, 5CX has been heard with KFI off, from 1215-1230 on October and April MMs - but weakly, I'm told. KXP at 690 has been heard as early as 0930, on June MMs, taking advantage of their winter sunsets, in KNER's 0900-1200 maintenance sign-off period before the WPIF and WWHO sign-ons. The NSP Canadians make this one difficult. 2XR on 700 is a possible target for many Westerners when tough aurora eliminates WJW; it's best attempted on June MMs around 0900 (if you ever have any choice) to take advantage of the Aussie's early sunset before all the Latins on 700 sign on. In recent years, 2HL on 740 has been heard as far east as Colorado, to my knowledge. It's a possible after 0800 on MMs with KCBS, KPMG, CBS, and CBX off. On a good DU MM, Melbourne's 3LO on 770 is the second (or third) Aussie to be logged by most. Normally a 1000-1100 GMT proposition, it's been widely heard with KOB off and the Todelar Colocbian null. At 840, 4XK has been widely heard as far east as Indiana, normally // to 4QD-1550. And the last Aussie on most of our lists is 2CY at 850 in Canberra. They've been heard as early as 1000; I caught them once in classical music at 1230. If Tarawa is coming

in at 844, try both 840 and 850. (And if you don't have east iron ears hope that WNAS or KOA, respectively, don't bounce you off the ceiling with a test ID, hi.)

A number of DXers far to the north or east of California have logged quite a few more Aussies. The bulk of such loggings represent signals bouncing in under a heavy aurora at very low angles, as far to the northeast as, say, Tenn. or South Carolina -- or loggings on frequencies totally cleared of signals 180° from Australia, by that same aurora. All require good receivers and superb highly-directional antennas. But if you're sitting in a Georgia swamp or the like, with a mile or so of copper pointed to Australia, here are some targets to shoot at: 3AE on 620, 2NU on 650, 2CC on 670, 5CL on 730, 4QZ on 790, 3GI on 830, 4WE on 880, 2XL on 920, 30Z on 930, 2UW on 1110, 4BC on 1120, 2WU on 1150, 2CH on 1170, 3YB on 1210, 2NC on 1230, 2EM on 1270, 3AW on 1280, 2ER on 1560, 2MI on 1590, and 3NE on 1600. Not all can be logged from Georgia, even on optimum conditions, but all have been logged from somewhere in the Continental U.S. and/or Western Canada. (If you really want to hear them all, could I suggest a camping trip to a certain beach on Kauai's west coast?)

Suffice it to say that distance alone makes your first few New Zealand loggings easier than an equal number of Australian loggings for most of us. If only because that distance requires an extra skip for many of us!

Some of the remaining countries are as hard as the toughest rarely-heard Aussies above.

FIJI has been most commonly reported on 890, in East Indian music and talk up to the normal 1035 a/off in December and January. (Roy Millar has noted them on as late as 1200 on a November Sat., however). Previously, Fiji had been reported on 710. This situation should improve as they switch from tropical band SW to medium wave transmitters, and watch your bulletins closely for details as they develop. (I've only heard them once, courtesy of Richard Wood in his former Kailua, Oahu, location).

Currently, targets are in ES on 560 from Suva and 1320 from Lautoka, with Hindi on 710 from Suva, 840 from Labasa, the 890 Lautoka above, 930 from Sigatoka, and 1470 from Rakireki. 1470 may be best in Hawaii on their high-end of the dial openings, and 890 appears best on the mainland (probably on those rare WLS a/off's or when blanketed by aurora).

Next in potential are the Samoans. 2AP in Apia, WESTERN SAMOA, has been logged as early as 0640 GMT though most reports seem to stress 0700-0720. At 1420, it features both rock and Polynesian music and both male and female announcers. Watch for KUCN in Hawaii, however, as both stress Polynesian music. If you can get under KSTW, WEX, the Latins, and whatever else you log on 1420 in the well small hours, that. AMERICAN SAMOA's WVUV on 1120 is a possible only if and when both EMOX and KPNW both take a first MM a/off. It's worth checking around 0900 (and if you're so far east that you're discouraged as you read this, because you even need such states as Oregon, check it anyway - this may well be your easiest Oregon, if KPNW is still on). WVUV either signs off at 0545 or 1045, and I can't recall which from my notes, but they offer APRIS and local station IDs to make logging less difficult. If they're in at all.

Unless you're based in Hawaii or further down the big pond, catches get more difficult at this point. Take TAHITI, for example. Still on low 4 kw. power at 1400, it used to sign-off at 0800 except on Christmas and Bastille Day, but I understand it now runs to 1000 on weekdays. Possible in Hawaii due to loop angles (1400 isn't saturated in Alaska and Siberia), it's improbable here on the mainland. If you want to hear it, try 15171 kHz -- its shortwave sister station comes in well enough in Calif. to provide cocktail party background music. (Tape veris collectors have to be extra careful to prove IM reception).

By March '72, Uncle Sam plans for WESD, Majuro, MARSHALL ISLANDS, to be 10 kw. on 1440. Several caught this 1 kw. outlet on 1439 when it drifted a year or so ago, with Marshallese and EE APRIS SW news. The only other U.S. Trust

Territorial station logged on the mainland to my recollect was Kwajalein on 1220, by Kenney in Santa Monica, etc. WSZA on Yap at 1480 and WSZD on Ponape at 1450, both in the CAROLINE ISLANDS, have been heard in Hawaii. But it'll take a few power increases to make these possible for much mainland reception.

Then there's the SOLOMON ISLANDS. Larry Godwin in Colorado caught the Solomon Islands Broadcasting Service ID at 0900 one February MM. It's Honiara at 1030 with native music or talk likeliest, and heard with WBZ and KTWO off. I assume reception in the late fall or late winter feasible as early as 0815 after KTWO's sign-off. But conditions have to be superb.

I can't recall any reports in recent years of mainland reception of GUAM's KUAM at 610, MIDWAY's KMTH at 900, NEW CALEDONIA's ORTF Noumea at 670, COOK ISLANDS' ZK1ZC, Raratonga, at 600, or the like. Nor do I plan to hold my breath waiting to see such loggings, either.

Prospects for the future?

What can be expected over the next few years? Two sets of thoughts. First, the target lineup: the anticipated 50 kw. Zedder on 540 and the power increases in the U.S. Trust Territory (Majuro on 1439-1440 from 1 to 10 kw., etc.) should provide new targets. It's quite possible that the French will raise Tahiti's power from 4 kw. to something on the order of 20 kw. as they did in New Caledonia -- especially as the outer islands develop economically with increased tourism. Then there's Fiji, with three new EE outlets into the planning or construction stages. Later s/off's for many outlets are also a possibility - but they're also a possibility among those North American stations who aren't NSP now, as the economy improves. So the targets are bound to shift, perhaps as dramatically as they did two years ago when Tarawa's brand new signal rolled across the Pacific like a tidal wave.

The other item is cyclical, and far beyond the control of the dozens of station general managers in question. A little matter of sunspots. Over the next four years or so, sunspot activity is slated to decline. And with this decline, more and longer periods of auroral quiet - the sort of low noise levels that increase the likelihood of multi-skip receptions being audible more often. In contrast, a decline in the frequency of auroral blankets that eliminate many of the clear-channel pests from the northeastern third of the country and adjacent Canada, making possible the armchair reception of single-skip Hawaiians that roll into the Pacific states on occasion. But on balance, better reception, more often, for more DXers, though the likelihood of logging forty DXs in a night from the West Coast will diminish, as this sort of spectacle only occurs when a deep aurora leaves over a dozen frequencies clear of normal interference.

OK, suppose you've discovered a good mid-Pacific opening. Say it's your first clear audio from Honolulu. What do you do from there? Every area of North America offers different possibilities and different likelihoods of reception, as you may be able to lineup two or three difficult NSPs in the null of your loop in a fashion shared by few other DXers. Consider making up a list like the one below for your MM dial-tunings:

GMT (from Newport Beach, Calif.; Sept. thru April)

0500 on Check KORL vs. KYAK vs. WSM under nulled KFI splash for openings, 640.  
" Check KIKI vs. WCCO (unloopable) for relative signal strength, 830.  
If KYAK looks promising, it's a potential TP night. If KORL and/or KIKI: spend some more time on the Hawaiians or DUs! For instance:

0730-0930 Check Tarawa at 844 for two seven minute spurts, a rule with all DUs on nights with potential that haven't already proven out to be superb.

0750-1015 Check for ZCO, Tonga, at 1020 if KGBS and KSWs aren't problems, hi.

0800-0900 Check KMVI under looped KAFY if KOY and WGR off at 550.

0800-0900 Check KGBM under Canadians with KFXM looped at 590.

0800-1100 Check KGU vs. unloopable WJR and flip loop to check for TPs or West Indians depending on timing on 760.

GMT

0830-1100 Try 4QD with KKHI off at 1550, but check for Siberian as well.  
0845-0935 Check for LYC, with careful looping on 860.  
0900-1200 If XETRA is off, try looping the Cuban for KKUA on 690.

It won't take much effort to improve and lengthen this list and adapt it to your location. Unless you happen to live in certain parts of Southern California, it probably won't apply to you anyway, in total. Moreover, such lists constantly need updating as station schedules change. But the concept remains the same: make up such lists, keep them as up-to-date as you can, so that when you hit a good mid-Pacific opening, you'll know how to take advantage of it while it's around.

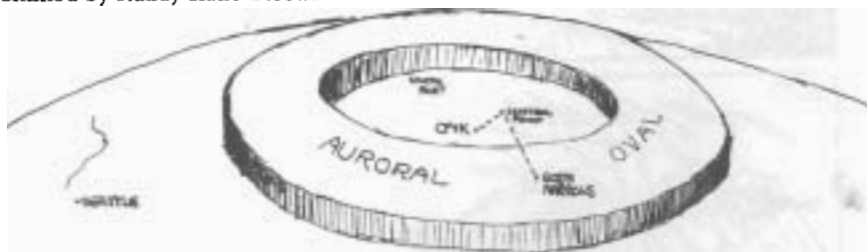
Sometimes you'll find a low-band opening, the 500's and 600's. At other times, the 1500's will be best. Personally, I most enjoy sitting on the mid-dial clears and splits. And remember that just because one area comes in, you can't expect all of them, because the Pacific is a mighty big ocean. So search several likely frequencies, from several different areas, for five to ten minutes each - if only because the sheer multi-skip patterns make for some long, deep fades.

In conclusion, I'd like to mention that I've used a number of fellow DXers' reports in compiling this feature. Giving credit where it's due, among those quoted, misquoted, or alluded to as reporters and/or editors, would: Bartels, Dangerfield, Foxworth, Freeman, Garber, Godwin, Hauser, Kane, Kelley, Kenney, Lotsof, Martin, Merriman, Millar, Morss, Nelson, Oldfield, Peterson, Pejza, Page Taylor, and Wood. With apologies to whomever I left out.

And apologies for not picking up what have to be a goodly handful of recent SP/NSP changes making whole paragraphs obsolete, and for all other errors that some will spot to help us all. Thanks in advance for any corrections or additions you might contribute.

#### GOD'S NARROWS TO YELLOWKNIFE - AN "AURORAL DONUT HOLE" RECEPTION?

One of the interesting points brought up during the extensive discussions of MW DX propagation at the last NRC Convention was the possibility of DX reception inside the auroral oval. Although we have concentrated our attention on the southward advance of auroral-induced absorption and its resulting effects on BCB reception in our past articles on auroral phenomena, the next installment of the Aurora article will emphasize the fact that the "Auroral Ring" is just that - a ring-shaped region of absorption with a "hole" lacking absorption in the center in the very Far North. Therefore, if you proceed far enough North during an auroral/geomagnetic storm, you'll eventually come into an area where the absorption will vanish again. The "hole" is technically called the "Polar Cap Region" and it should be possible to take advantage of this nonabsorbing region for reception in the very high latitude areas. Many of Leo Fox's receptions from the Yukon were through the Polar Cap some years ago, as are many North American catches noted in Finland & Sweden. . . Morris's CFYK reception is very likely to be just such a "donut hole" reception as diagrammed by Randy Kane below:

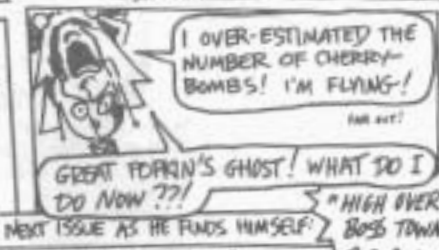


PHOTOGRAPH

\*GPN

continued from page 15 (Captain Glotz)

AS YOU MAY RECALL, ON THE LAST THRILLING PAGE, CAPTAIN GLOTZ HAD PLANNED TO BUY WTRZ AND GO TOP-40. HOWEVER, AS HE APPROACHES THE STUDIOS:



A UNITED PUBLISHERS PRODUCTION

NEXT: GLOTZ MEETS GPN!

**INTERNATIONAL DX DIGEST**

PROPAGATION & FEATURES

GORDON NELSON, 48 HARDY AV. WATERTOWN, MA 02172

REPORTEDLY IN OPERATION...

**INDIA.** Several new super-power stations have come on in the past few weeks: 1070 is Rajkot as projected here in IDXD some months ago; a second high power outlet is now being heard testing on 1500 kHz. (Ericson, Sweden)

**CYPRUS.** The RMC relay station is now testing on 1232 in French and Arabic 0445-0645, 1500-2100. (Arctic)

**MOROCCO.** Tetuan's powerful Arabic service transmitter formerly on 1052 is now being heard on 1073 kHz; this one will probably be running AN with Ramadan programming. (ARC)

**YEMEN.** Aden on 755 is currently signing on at 0300 with 50 kw. (ARC) This was before Ramadan; another likely AN prospect...

**NIGERIA.** Radio TV Kaduna is now running 150 kw on 593; sked is 1350-2215 - sorry... (ARC)

**INDIA.** AIR, Delhi has been heard in Sweden on 809 recently; could make it to North America perhaps... (ARC)

**MALTA.** A Finnish DX'er has received a letter from BBC Malta re their 1511 (ex-1546 kHz) operation: 2 guyed masts 200 ft high comprising a driven and reflector array; gain about 3 db in power beamed 200 degrees. The transmitter is a Gates BC10E, vin tage 1960. This agrees well with what we deduced from the pictures supplied NRC by Alex Bowab recently...

BOOTLEGS, PIRATES, AND CLANDESTINES...

**GERMANY.** The "German Freedom Station 904" has not been heard on 908 kHz since October 1st. The station, which pretended to be transmitting from West German territory but in fact was located in Burg, East Germany, transmitted selected propaganda programs for the West Germans. The "German Soldier's Station" on 935 kHz, which is also intended for the West Germans, especially for the Bundeswehr, is still in operation. (Editor)

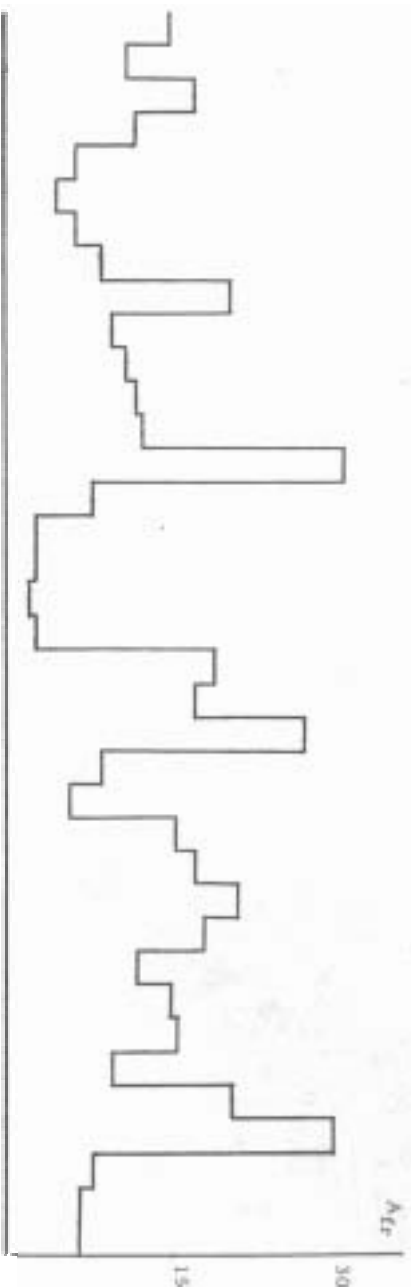




All times in IREX are in GMT. Receptions:

- 535 Grenada. Logged 0045-0115 with steel drum music, folo by discussions to 0115 10/8. Good signal for 500 watts, however low modulation made copy difficult. Taped. Cyt #28. (Junker, Ohio)
- 566 Ireland. Athlone made one of its rare appearances at 0631 on 10/16 w/nx in Eng. folk mx at 0635. Sig strength was fair but audio somewhat shallow, umn here. Was last hrd 2/12/70 at 0635: This AM saw good low-band opening to the British Isles. (Kelley, Ma)
- @ Athlone fair with man and YL in unID lang, assumed Irish (Gaelic-ed) at 0625-0628 10/18. YL only after 0630 with lively dancing mx; still in well 0645, ctry #66, tax to BCK for tip. (DeLorenzo, Mass)
- 570 Dom. Rep. Radio Cristal, HIMS completely dominates the freq Tues AM with WKBH silent. For some reason, they use the song Yankee Doodle with their news. (Merrisan, Va.)
- 650 Hawaii. KOKL hrd 0725, weak but definite ID with CBS splash from 690, possibly weak WEM grm too; not sure what the other was. 10/12. (Bennett, DC)
- \*\* 690 Ecuador. Radio Visión, Manta currently on lower power, in 1 kw range, due to major damage to 10 kw xtr. (Gleason, P.R.)
- 650 unID. Segued rock records hrd fairly strong behind WEM appx 1035 10/20, no asnts, for about 10 minutes. KIRK ET or ?? West was good, IAs were only fair earlier. (Beald, N.Y.)
- 700 Alaska. Believed KBYR slightly under WJW 10/11 0630 with man talking and then into instr mx 0836. Ancr was Eng but WJW just too much. Loop helped but not enough. (Hardester, Cal.)
- 720 unID. under WGN 10/11 0845-0850 with light instr mx. Poor sig and soon gone. Loop almost directly E-W. (Hardester, Cal) (KJAIY-ed)
- \*\* 740 Ecuador. Radio Melodia, Quito now using 12.5 kw xtr and new  $\frac{1}{2}$ -wave tower. Relays HOGB-1 -1310 and HCGM-1 -1470 alternately. (Gleason, P.R.)
- \*\* 746 Colombia. Radio Nacional moved from here late in Sept; they were on 738.5 for a few days and now probably on 740. My rpt and req for info have not been answered. My guess: Stn located in Cali. (Merrisan, Va.)
- 760 Guyana. Radio Demerara hrd very well 2236 10/11 with British-style play. Cuban was dominating by 2247 on this auroral eve. Cty #52. (Kelley, Mass)
- \*\* 770 Panama. HC--, Radio Libertad, also IDs as "Onda Revolucionario", not listed anywhere and evidently new. In well over WABC 0628-0655 10/15. ID at 0630 with man and woman giving several freqs in "kilohertz" but was in a fade and could not get positive copy. Addr given as Apto. Postal 6700 or, 7700, Panamá 5, Panamá. Could this be a relay of the new Libertad-840 sent in the 10/2 Nelson section? Solid copy usually on the Beverage; was too much WABC, even in the loop null. (Starr, Ohio)
- 773 Spain. SWE killing WABC at 0623 10/16 with rock and Spanish folk mx. It should make it to Alberta ...Crusty Beach anyway. (BG Kelley, Mass.)
- 800 Neth. W.I. RJB at 0830 10/10, in SS with records. Transmittal ID. (Bennett)
- 820 Surinam. Radio Apintie good with man in Dutch 2842-2250 10/8, brief march/drum mx folo by choral mx, then back to man for asnts to 2300; alone on the freq. (DeLorenzo, Mass)
- 830 Hawaii. KIKI at 0855 9/19. Had an "identify the record" contest. (Bennett)
- \*\* 840 Panama/Venezuela. "Radio Libertad, la Vox de la Revolución Panameña", stn hrd with this ID at 0457 9/20 with a boxing pgn. Also Radio Juventud, Barquisimeto on the same freq. No QRM or jamming hrd here as ment by Schatz in 9/11 IREX. (Objfo, D.R.)
- \*\* 840 Iran. Superpower stn hrd here until s/off 2130. Loud signal. Western mx and Iranian folkmusic. Still istesting. Has some sort of newscast 2030. (Ericson, Sweden)

This graph shows the daily values of  $A_p$ , the Frederickburg index of geomagnetic/auroral disturbance in the Earth's magnetic field. High values of  $A_p$  occur during a heavy influx of electrically charged particles into the upper atmosphere as the result of certain types of solar disturbances. The medium-wave signal absorption produced by one of these events is strongest in high latitudes and persists for some days following the initial particle influx. Values of  $A_p$  above about 20 are inevitably associated with high levels of absorption along high-latitude TA and TP signal paths. Very high values (above about 40) are usually accompanied by E layer blanketing over North America and Europe; on such a night stations from the South will appear to dominate most channels. Long periods of low geomagnetic/auroral activity are necessary but not sufficient to guarantee excellent high latitude TA and TP reception - other ionospheric effects such as the "Midwinter Anomaly" may effectively mask what would otherwise be periods of excellent reception on high latitude paths during periods of continued low geomagnetic/auroral activity.



- 845 Italy. Roma II 10/18 0015. Pgm of mostly uninterrupted mx, some American pops and amnts in French. (Alster, N.J.)
- 847.13 unID. (Should have appeared on flash basis in last weeks IDXD-ed) unID hrd 10/11 0858-0933 with fair signal, man and woman talking in ??? Musical notes (IS?) at 0859:50 for 5 or 10 sec and man began talking. Vocal mx: man, woman and children's group (each a separate record). Instr version of GSQ at 0932 and carrier off 0932:50. Loop E-W. Suspect Tarawa but 3 kHz off freq? Tent to CE at Tarawa. Moderate WHAS QRM after 0905. Believe it was WHAS, did not hear ID but EE ancr on this. (Hardester, Cal)
- 860 Canada. CJBC Toronto had very good on 10/11 ending mx in French, s/off at 0408. (Objio, D.R.)
- 890 Algeria. Algiers loud and clear playing a French MoR album 2250-2300, had amnts by man in French, then back to vocals by the same artist. 10/8. Very solid signal, almost no fading. Lost to WHVC at 2307. (DeLorenzo)
- 900 Barbados. Hrd here 10/8 from 0000 to 0020 with regional and local news folo by TV Bingo. Good signal and little intf. Taped. (Junker, Ohio) (a good Auroral catch - seldom hrd in evenings -ed)
- 908 England. BBC in well with talk pgm 0614 10/16. (Kelley, Mass)
- 915 Guatemala. TGKL here with good signal, Radio Emperador. First noted at 0430 on 9/11. Also had a good signal the evening of 9/15. Looks as if another TG is trying a split. (Merriman, Va.)
- unID tent IDed as Radio Emperador. Hrd what appeared to be an ID ment Emperador and Guatemala and took 3 nights to get to the semi-readable point Was best 10-10 at 0200. Msd just on the low side of 915 10/12 at 0330 w/ definite ID and jingles; rock mx. (Gleason, P.R.)
- 917 unID. 0400 10/9 with what sounded like "gypsy music", loop would give a TA but which? (Gleason)
- 919 Colombia. Em. Fuentes, Cartagena at 0400 10/9 with sports, some splash from 917. (Gleason)
- 920 Venezuela. YVLJ, Maracay at 0530 10/10 with mx, AN show. (Gleason, P.R.)
- 935 unID. Believe what I hrd here with chanting and wailing is Morocco. Hrd 0115-0200 10/7 and 8. (Junker, Ohio)
- @ Morocco with martial mx 0300 10/10, brief talk, chanting. Signal was almost 100% clear. (Gleason)
- 945 Ecuador. Radio Ifesa hrd with best sigs ever with light Latin mx and amnts, ID at 0300 10/13; very poor on tape due to TV sweep buzz. (Edmunds, NJ)
- 950 Cuba. La Musica Nacional, CMBF Havana hrd, unbelievably, under WPEN 0256 on 10/13 with quiet mx. WPEN a pest here. (Edmunds, NJ)
- 960 Colombia. HJHN Barranquilla, Radio Sutatenza finally hrd atop the channel, very clear 0252 10/13. (Edmunds)
- @ Surprised to hear R. Sutatenza with pgm of "bailables" (dance mx), gave all freqs and s/off with Colombian anthem at 0355 on 9/26 anncg to s/on at 5 AM (1000 Z). (Objio, D.R.)
- 960 Venezuela. Radio San Sebastián, San Cristóbal, YVSS. Hrd for the first time IDing after R. Sutatenza s/off, giving freq, call ltrs and Venez. NA was played to s/off at 0359. (Objio)
- 965 Nicaragua. YNIU Managua powerful on Beverage 0341-0355 10/15, mentions of Radio Managua very quickly in dejay yack - have to listen closely, or it sails right by. (Starr, Ohio)
- 1016 W. Germany. Mainz xInt with German rock pgm, man in GG, more rock 0518-0525 10/18. (DeLorenzo, Mass)
- 1020 Venezuela. YVRS, La Asuncion, Isla de Margarita at 2255 10/13. Local ads, frequent IDs and local pops. Looped KDKA which was not as strong. (Alster, NJ)
- 1035 Haiti. 4VEF with relig pgm in Spanish 2310 10/12. (Alster, NJ)
- 1065 Colombia. La Voz del Centro, HJFZ, El Espinal hrd here on 9/24 IDing at 0330 with pop mx pgm. A move from 1110. (Objio, D.R.)
- \*\* 1070 India. New superpower xmtr at Rajkot is now on the air. Hrd with good sig-nals here until s/off at appx 1930. (Ericson, Swe.) (Anyone in the NE care to try a Beverage pointed about 10° or so? Would be nice...-ed.)

- 1070 Colombia. Assume Radio Santa Fé HJCG with many mentions of Bogotá between records, also had a short interview-type feature with a man who made sound effects with his mouth. Real biggie stuff. Positive ID not possible as WPLI was on and off all morning with ET. Best reception was 0522-0528 on 10/15. (Starr, Ohio)
- 1070 Mexico. KEIT, Carmen, Camp. at 0000 10/11 with R.C.N. anmt and news, then local pops. (Alster, N.J.)
- 1088 Albania. Tirana fantastic with accordion mx 0442 10/18 and // 1214 which was barely audible under BBC. (DeLorenzo, Mass)
- 1100 Brazil. Per P.Taylor tip, PRG9 in/out with 2 HJ Reloj's but was separable with loop and definitely in Portuguese at times. Hrd at least one ID on 10/11 at 0500 but very poor on tape. Ctry #66. (Edmunds)
- 1100 Antigua. ZDK in 2310 10/11; commercial, religion. (Alster, NJ)
- 1106 Spain/W. Germany. SER was very strong with YL doing commentary in SS at 0435-0440 10/18; AFN Munich noted in background with Eng. C&W mx. (DeL'zo)
- 1110 Mexico. XERCN Mexico City all alone 0535-0558 on 10/15, has "R.C.N." jingle and chime, à la WABC, after each record. Hrd on Beverage. (Starr, O.)
- 1115 Nicaragua. YNP León with Radio Circuito mentions between each record at 0415-0433 on 10/15. (Starr, O.)
- \*\* 1120 Dom. Rep. Radio Antillas, Sto. Domingo now announcing power as 5 kw on 10/12 at 0200. (Objio, D.R.)
- 1130 Colombia. HJCC, Bogotá with newscast atop the freq 0508-0516 then into a mx pgm. Newscast had short cmcls for Gillette Super Stainless razor blades every minute or so. 10/15. Was loud and clear on the Beverage; was in the noise with the loop. (Starr, Ohio)
- 1151 England. BBC Stagshaw hrd cutting thru vicious het and completely over-riding domestics with discussion of British politics 0613 10/18. (DeL'zo)
- 1170 Colombia. 0400 on, 10/10, hrd Radio Peninsula with pgm, "Opercaion Colombia" with great Colombian coastal mx of the purist type. Only ID was name. At 0445 gave TC, "Radio Peninsula informe desde Maicao La hora para Colombia." This might be HJOK from 1350. (Rptd so by Schatz-ed) and signal was in the 10 kw range. S/off 0500. ID at s/off as HJNE (may be HJME-dfg, Maicao, 10 kw with FM 89.5. Off Sunday at 0300 Z. (Gleason)
- 1210 Japan. JOOR believed the Jap here 10/11 at 0945-0957 with man and woman talking and vocal and instr mx. Looped E-W; QRM de WCAU. (Hardester, Cal.)
- \*\* 1229 Colombia? R. Neiva at 0630 s/off 10/11 after sports, poor signal. (Gleason)
- 1277 France. ORTF Strasbourg fair with man in French 0604 10/18. (DeLorenzo)
- 1286 Czech'a. Prague fair with YL in Czech or German 0408-0413 10/18, military march music between amnts. (DeLorenzo, Mass.)
- 1310 Venezuela. Radio República, YVZX hrd for the first time with lots of ads, ID at 0231 as La Voz de la Patria, Barranquilla was also being hrd on the same freq with a soccer game. (Objio, D.R.)
- 1325 Haiti. Conforming Breger tip on 10/2 Radio Haiti 4VW is now here and hrd very good on 10/9 and later; 10/9 at 0236. (Objio)
- \*\* 1332 Cuba. Reloj Nacional hrd with mx but with a muffled sound, voice could be hrd very poorly. Only "reloj nacional" and the pips were hrd well. Time cks and other news was unintelligible. Probably a xmtr malfunction. (Objio)
- \*\* 1335 Ecuador. Radio Sport back on, power claimed to be 3 kw. (Gleason)
- 1390 Venezuela. Radio Terepaima at 0330 10/10 with top-40 format. Tight production. This one is on the outskirts of Barquisimeto. Mentioned part of the Rumbos net. (Gleason, P.R.)
- \*\* 1405 unID of RFS is most probably HCEA5, Ecos del Azuay, Cuenca. Was noted since early 1970 on this freq from licensed 1390. Most recently in Sept during visit to Ecuador it was there. Pgm is almost 100% National mx, very similar to what RFS has described. This is a great catch. Xmtr is about 250 to 350 watts with an inverted "I" antenna about 1/8 wavelength long, 25 feet above the ground. They are 3 miles south of Cuenca. (Gleason)
- 1430 unID SS in weakly and out all morning 10/12 on Beverage, nothing ever hrd here before. With all this info, surely someone can ID it for me. (Starr) (I recall a HJ-- rptd AN here, last year, I think by Objio but not sure-ed)



- 1435 Aruba. Radio Kelkboom L&C w/man in SS, SS?EE rock mx, 2323-2342 during Auroral cx 10/4. They seem to leave OC on AN (true-ed); noted here frequently. (DeLorenzo, Mass)
- \*\* 1470 Ecuador. HCGM-1 (licensed 1460) reportedly using 5 kw. (Gleason)
- 1502 Poland. Warsaw fair with man and YL in lang similar to German 0536 to 0541 10/18. (DeLorenzo)
- 1505 Anguilla. Hrd 10/8 0020-0030. Man in English, MoR mx; not enough info for a report. WIAC splash made this extremely difficult. (Junker, O.)
- \*\* 1520 Colombia. "Nueva Radio Minuto" with pop mx, anncg name this way and do not know why. 0530 9/26. (Objio)
- 1560 Puerto Rico. WRSJ San Juan with, of all things, a delayed broadcast of the Dallas-Giants football game, consisted of the audio from ABC television coverage 0445-0510+ on 10/12. All commercials were inserted locally and in Spanish. Cosell if everywhere. (Starr, O.) (AArrgh -ed)
- 1575 Costa Rica. TIJJC Palmares with s/off 0503 10/15 as "Radio Colombia" or "Columbia". No anthem, instead, closed with a vocal song to the tune of "Get me to the church on time", then carrier off. Was good copy on Beverage, nonexistent on loop. (Starr, Ohio)

#### Verification

- 1546 Ukraine. Specific card received from Moscow for taped report. Card specifies frequency and location, a first for me from Moscow. Also sent the usual letter saying that they don't usually verify reports of local stations but they were making an exception. (Merriman, Va.)

#### Back of the File

Noted unusual reception patterns 10/11. Most of ECNA was weak signals, with unusual s-9+ reception of WKYC-1100 and WRVA-1140. XEQR-1030 was also strong and hasn't been hrd in a couple of years. WBZ noted very weak; is usually strong here. KORL was good although 830 was silent (no KIKI or WCCO). Just a weak SS on 670; usually 660, 670 and 680 are crowded with SS on MM's. SW was also poor and predominant SS stns in the 3-5 MHz range were absent. Was this an auroral night? Poor night for me all around. - Mike "Doc" Hardester, California.

I finally got around to aligning the R-390 last night... somehow felt that the set was just not giving its best. The work made a lot of difference. The TG on 915, which was very poor the night before (just before alignment) became 100% readable. ... I have been listening to 730, what with the Melodia change. 1040 in Bogota was previously Melodia with the same owner. Can anyone read this one? I have too much of a problem with the AFRTS San Juan station on the same freq (1040) ... WVOZ-1400 is AN again. Just now, at 1300 AST, WEGA-1350, Radio Las Vegas, Rega Baja, is making ETs daytime. First time hrd. Carrier cuts often. Has a good signal. The only outstanding P.R. CP is WCID-1460. Have checked the 737 freq every night (that is 747, sri typo-ed) but no sign of the HJ. I have always had difficulty getting Bogota area stations, however, so that may mean the station is somewhere in that vicinity, although the freq would seem to rule that out. I also checked 1000 for the proposed R.N. operation there, thinking that 747 might be a wierd mix of 570 and this one, but nothing. That's it from here

- Dave Gleason, Hato Rey, PR

That's all for now. Deadlines seem to be Wednesday, midday or so, for arrival of items at Box 2111. Sometimes I do the section at work and sometimes at home, depending on circumstances, so last minute items may not always be squeaked in.

(note: 2 more pages of Mon. Rpts in this issue)

See you next week.

73 BGL

#### Ramadan Loggings:

- 746 Syria. Stn here and on 782 were in on 10/22 at appx 0130. 782 was in at a good level; 746 was much weaker. Also had Lebanon-836 in at the same time. 836 was good at 0143, same date. (Grant, Mass.)
- 836 Lebanon. Beirut was logged around 2400 10/21 along with signals on 863 and 1313. (Taylor, N.J.)
- 854 unID. Stn hrd here, bearing about 70° Fri eve 10/22 around 2400; had Koran readings. Had thought perhaps Ethiopia but they evidently do not have such pgmg. (Taylor, N.J.)
- 863 Syria. Damascus was logged here with Ramadan 2400 10/21. (Taylor, N.J.)
- 1155 Koran station, likely Egypt, hrd here during same period as other loggings with typical pgmg. (Taylor, N.J.)
- 11313 Syria. This stn not previously rptd in NA; hrd with Koran 10/22 around 2400. (Taylor, N.J.)
- 345 Kuwait. Kuwait hrd 10/22 with chanting (likely Koran) at 0050 with deep fades. Signal peaked about 0105 at poor to fair level then faded out rapidly. LSR (local sunrise) should have occurred at least one hour after the last fade-out, so evidently not E-20 fade. This one was also hrd on 10/23 at appx 2305 at a poor level with chanting in Arabic. (Grant, Worcester, MA)
- 1511 Malta. Noted with extended hours for Ramadan. (Taylor, N.J.)

Reminder that Ramadan runs through November 19 so try for these soon!

#### Other Loggings:

- 540 Ecuador: La Tropicana, HCFA2 0837 ID 10/11, contest giving away mil sucres, tropical rhythms; TC minute fast; greeting individual area listeners. (Hauser, Texas) (Hauser, next item)
- 540 Mexico. XEW stn audible here weakly daytime, 1948 10/11 with drama, almost 2 Hz SAH with unID. Would this be the 500 w Monterrey rptr or 150 kw San Luis Potosí? Some lists show both on this freq with low pwr.
- 540 Panama. Radio Mía, HOU23 10/11 0940 plugging 5 de Mayo (cf 770 kHz), ment "red nacional" evidently in operation for special occasion; 0942 ID as "Radio Mía", some lists show Penonomé, others David. (Hauser)
- 570 unID. White noise looping ENE/WSW AN 10/11 e.g. 0843. Maybe Cuban jamming? (Hauser, Texas)
- 649.3 unID LA talking, 1020-1107 11/10 but couldn't pull ID. (Hauser)
- 655 Ecuador. R. Carrousel, Guayaquil 10/11 0826 Pepsi ad, mx, 0828 TC for 3:31 and ID. (Hauser)
- 663.5 Guatemala. La Fabulosa, Guatemala 10/11 1120 s/on, immediately followed by ads. Powerful. (Hauser) (Taylor, N.J. for 710 item)
- 710 unID here MM 10/18 with WOR off appx 0515, ORTF pgmg, likely France.
- 730 Colombia. R. Melodía, Bogotá 10/11 0851 promo for "Cundinamarca al Día", ID, ancient tangos made enjoyable listening. (Hauser)
- 770 Panamá. New stn in Chitre, HOL83, La Onda Revolucionaria was AN 10/11 as at 0707 giving TC as "hora oficial de Panamá" 0710 gongs and plugging rally: "hoy - al encuentro - en la plaza 5 de Mayo hoy a las 8 de la mañana" and gave list of 4 stns at 0740 "la onda revolucionario" HO--- Panama 840, HOL81 David 890, HOL82 Colón 1090, HOL83 Chitre 770. Phones 74-67-48 and 74-55-70, addr. Apt. Postal 6700, Panamá 5. (Hauser, Texas) (typed by Bob Foxworth)

## 34 IDXD Monitor Reports - Last Minute Info

- 830 Japan/Hawaii. JOBB and KIKI audible many mornings, sometimes just one or both. Window for reception has been occurring around 1220-1235 after WCCO and XELA are weak or gone. Latest examples: 10/13 at 1235 JOBB with Jap talk, SAH mixing with KIKI, which was dominating by 1238 with pop mx. Again dominant at 1247. (LSR currently around 1230). Next day 10/14 KIKI was alone, at 1223 taking a call from Kauai, IDs. (Hauser)
- 840 Panama. La Onda Revolucionario, Panama referring to 5 de Mayo, etc., was // 770 but much better there. 0758 10/11. (Hauser)
- 840 Mexico. XEFG, Gelaya, Gto. a regular, as 10/13 1216-1225 fadeout, wake-up mx, IDs and jingles as "la 84" and "La Familiar" mentioning that it covers the centre of the country; TCs were 2 min slow. (Hauser)
- 1120 El Salvador. YSLR, La Romántica, San Salvador (contrary to NRC LA log) audible thanks to altazimuth null of KMOX by SM-2 antenna. First tuned 0455 10/9, 0512 promoed "corrida romántica", 0516 ID, TC; 0521 inviting written requests and offering prizes. At 0525 also IDed as "la voz de la voz en sus 1,120 kclos", 0538 TC for 11:37, prmo again for "El Programador Romántico" - send 4 selections to 4<sup>a</sup> calle Oriente No. 516 (note address, conflicting with WRTVH). 0558 "con sonido de oro" and off. Never hrd it give call sign or city. (Hauser, Texas)
- 1270 Mexico. XENX, Mazatlán, Sin. 10/11 0928 MST TC, "en NX, más música alegre". Is this customarily AN, or just when hurricanes approach?(GH'sr)
- 1390 Mexico. XERW, León, Gto. 10/5 0313 ads, ID u/QRM from another Mexican; listed 250 watts. (Hauser)
- 1525 China, P.R. Hrd poor to fair in Russian by woman at 2318 10/23. Long deep fades of 3 to 4 minutes, stayed in for 1 or 1 and a half minutes at a time. In again and peaked at 2328 with rapid speech. Hrd IS for Radio Peking at 2359 and excellent ID at 2400 for Peking by YL in Russian. It was in until f/out at appx 0018. LSR would have been near 0030. (Grant, Ma)

## NRC LA Log Updater for Guatemala

- 570 TGPA correct call is TGAP.
- 590 TGRR Delete.
- 600 TGRC 1 kw; R. Campesina, Pueblo Nuevo Tiquisate NEW.
- 610 TGGA Correct call os TGA.
- 620 TGER 1 kw, R. Occidental, San Cristobal NEW.
- 690 TGVX 1 kw, Radio Tamasulapa, Jutiapa NEW.
- 710 TGXN correct call is TGXL.
- 720 TGRO 1 kw, Radio Corona, Morales NEW.
- 760 TGHB correct call is TGHS.
- 870 TGSM correct call is TGSM-A.
- 900 TGMA 1 kw, Radio AMATIQUE, Agua Caliente NEW.
- 930 TGJL 1 kw, Radio Imperial, San Pedro Carcha NEW.
- 960 TGRU 1 kw, Radio Utatlan, Santa Cruz del Quiche.
- 1010 TGRX correct call is TGRX-Z.
- 1020 TG-- delete.
- 1060 TGXA 10 kw, Radio Centro, Guatemala. ADD.
- 1190 TGLA correct call is TGLU, correct location ZACAPA.
- 1270 TGCQ correct name is Radio Exclusiva.
- 1370 TGAC correct name is L. V. de COLOMBA.
- 1400 TGRB 1 kw, Radio Caribe, Puerto Barrios NEW.
- 1480 TGIZ correct call is TGMZ, correct name Radio Rumbos.
- 1600 TGNA Delete.

Source: Dirección de Radiodifusión Nacional; September 1, 1971 via Dave Gleason.  
(typed by Bob Foxworth)

WILLIAM B. FEIDT - 8708 Contee Road - Apt. 14 - Laurel, Maryland - 20810

SRS & SSS continue to provide interesting loggings in these parts. All items are new tapes and the asterisked items are new to the heard log also: 10/10- WINW\*-1280 O. @ 6:44pm w/s/off, announced ABC affiliation. WYNA\*-1550 N.C. @ 6:45 w/s/off. 10/110 WMFD-630 N.C. @ 12:02am s/off; WMAL/CMQ QRM. CKSM-1220 Que. @ 12:25-12:30am w/easy-listening mx & ID as "au centre du Quebec, vous ecoutez la CKSM, Shawinigan-Grand'Mere" - WGAR off. HJBI-840 Santa Marta @ 1:30am w/RCN & Qndas del Caribe IDs, second SS on frequency at same time had mentions of Panama HON38 possibly? (Likely the new R. Revolucion -ERC) CHEC\*-1090 Alta. @ 2:40-2:59am w/jazz format & frequent WX reports; call letter ID & mention of Lethbridge @ 2:59 & into NX, very bassy modulation made copy difficult. WMEX-1510 Mass. @ 3:35-3:39 TT, ET w/5,000w XR. WINH\*-1470 S.C. @ 6:45pm s/off w/ promo for FM. WAWZ-1380 N.J. @ 6:45-7pm w/World Tomorrow & ID. HJJP\*-1010 Santo Domingo w/NX @ 7:20-7:30pm; ID @ 7:30 included R. Comercial & a long string of other D.R. stations which apparently carried the same NX program; no WINS/CFRB. 10/12- WNRG-940 Va. @ 6:58pm s/off; I would have thought this one to have a 6:45 s/off. KPCA\*-1580 Ark. @ 7:18pm w/ID briefly above mess; new on call change from KFML. XEEM-1580 Hermosillo @ 11:04-11:07pm w/ID as "Day Emmay, Hermosillo"; noted tourist spots in EE. 10/13- KCTA\*-1030 Tex. @ 6:59-7:02am s/on; real powerhouse; WEZ gone completely, but SS noted in background - I tried for this one without success last year @ s/off. WEDO-810 Pa. @ 6:45pm s/off while trying for WKBC. WOKZ-1570 Ill. @ 7:30 s/off. 10/14- WMVR\*-1080 O. @ 7am s/on fairly clear for a crowded frequency. WPDY-750 W.Va. @ 6:38-6:42pm w/local spots, bluegrass mx to s/off. WOAY-860 W.Va. @ 6:44 s/off. WIOI\*-1010 O. @ 6:59pm w/s/off in heavy traffic. Does KCTA have a PSA, or is SRS in Corpus Christi actually around 6am CDT in October? Or neither? My persistent local QRM problem if last season and this Summer appears to be gone for the present - I hope it stays that way, but I suspect a defective motor in heating/air conditioning system in a neighboring apartment - this is the time of year when neither of those runs very much in this area. 73 & DX.

KEN ONYSCHUK - 1643 Qlive Road - Homewood, Illinois - 60430

Hi again. I found 10/11 a pretty good night for reception. KXEN-1010 7:10-7:30pm, religious mx, related program. 990 was a dead blank though, on a WCFI-1000 null, not even a 50kw SSer. My most recent catch was WBRC-960, NX @ 11:30pm, a few weeks ago. 10/8, I picked some foreign program music on 1110 u/WBT, fairly strong, 8:10-9:30pm, though no ID, signal to S. 10/11- 10pm, program on 1360 including WSAI to SE, KRYS to SW, (strong station for 1,000w), 10:30pm KVOO-1170 came on rather strong u/WWVA w/NX/WX. By the way, my partial list to fellow DXers on my big ones include CBK-540 Sask., CKY-580 Man., KFI-640, WSM-650 WNBC-660 WMAQ-670 WNRB-680 CBF-690 WLW-700 WOT-710 WGN-720 XEX-730 CHL-740 WSB-750 WJR-760 WABC-770 WBEM-780 CKLW/PJB/XELO-800. I've also DXed all the clear channel stations including WHO-1040 KMOX-1120 WLW-700 WHAS-840 WJR-760, stations I can pick up in the daytime. I tried one morning recently to catch 1460 in the day despite QRM from WVON-1450 & WMPD-1470. I nulled it though nothing audible. Same with 1480 between 1470 & WOPA-1490 QRM like crazy. Also 1580 is almost ridiculous. WBEE-1570 program rips apart neighboring frequency like a 50kw though only 1kw. XEG-1050 has been on rather strong recently w/religious ESP, 10/8, 8:15-8:30, and 10/11 10:35pm. I have possible QRM from CHUM/CJIC/WHN though not tonight. Well, so much for now. I'm looking forward to Vol. 39 #2 and more DXing. 73.

ANDY HUGG - 16 Lake Breeze Avenue - Pointe Claire 700, Quebec

Hi guys. I have some DX to report. 9/27- ZDK-1100 in well from 7:04 to 7:28pm; then 4VEC-890 dominating the channel from 8:02-8:16pm. 9/28- Unn PJA6-925 heard in PM for first time since 1962. 10/5- WWLE-1170 on RS 4:29-4:40pm. The morning of 10/9 was good for TA reception on 656-665 827 917. I have heard YVRS-1020 cutting up KDKA practically every night but they never stay in long enough for a report. There is no truth to the old report that CKJL-900 changed calls to CKAJ. On 10/3 they still were using CKJL. I am interested in Miami in K972, having voted for it as the 1966 site. New veries are CPTR-600 ZDK-1100. ZDK was a new country. 73.

CALLING ALL MEMBERS - CALLING ALL MEMBERS - WE NEED MORE MUSINGS! HOW ABOUT YOU?

MARC DeLORENZO - 565 Ocean Street - Hyannis, Massachusetts - 02601

Howdy. Not too much goin on here because of the Auroral CX. However, 10/2- Algeria-890 L&C w/FF MoR vocal; 6:50-7:05pm when WENG took over as the sun set over downtown Henderson, N.C. I had been trying for this one since GFN mentioned it in the Fall of 1967; Oddly enough, BGK was picking it up at the exact same time. RNE-854 fair w/man in SS @ 7:11. MM 10/4- Pretty dull here (the A index was 23); only decent logging was HJZI-1550 "R. Fantasia" noted atop the channel AN w/light mx, Colombian #41. Also XERCN-1110 good w/"RCN" jingles between records 1:27-1:34; CHAM-1280 Ont. atop w/rr @ 2:23, first newie on this spot in three years! It is rough in NE because of WADO/CJMS/CKCV. PM, Canary Islands-953 good for fourth time within a week @ 7:09pm, loops well to the S of Madrid. Aruba-435 L&C w/EE & SS rr 7:23-7:43pm, very lively station. 10/5- 4VW-1325 good w/man in FF followed by "Woodstock" 7:37pm, heard 7:34-7:44 w/EE & FF rr. 10/8- Surinam-820 fair/good w/man in Dutch 6:42-6:46pm; brief march-drum mx at LP time. MM 10/11- A few good signals noted from some of the commoner high-band TAs (1586 1554 1466) around 1:30, but that day at SSS, nothing. Not even Dakar! Yes, 10/5 was definitely a Super-Aurora. No sign of CBJ CBE WJW WGN CKAK WJR WBEM or even WHAS around 7:30pm, but a good signal out of 250w WGO-1550 Fla. at 7 s/off, ten seconds after WRIZ' s/off. Bye.

DAVE BENNETT - 1034 #1 Road - Richmond, British Columbia

Greetings. I have been back in the NRC, from a couple of years of inactivity, for about a year now, but have just started doing a little listening again in the last month. I was at Sacramento and had a good time, re-meeting the ERBA crew, etc. and a bunch of new faces as well. I was very impressed with RFS this time, hi! Loggings: 9/19- 3:55am, KIKI-830 w/a record contest o/u WCCO. 9/21- 12:33am- KTW0-1030 w/WX report (snow at high levels!); 12:42, KOFT-1180 w/something about college accommodations. 10/10- 3:30am, PJB-800 in SS w/records. 10/12- 2:25am, KORL 650 very weak u/CBJ slopover; 2:57 WOKJ-1550 faded @ 2:58 u/a XEBG and with an unID TTer; 3 06 WDXR-1560 after KFMC s/off @ 3:01 w/SSB, very good signals; 3:30 KUUV-1590 Seattle, ex-KSND, I don't know when they changed, but is KSND in NRC Log I got at Sacto, so may be a recent one. Any of you who are wondering what a ham is doing DXing BCB should take a look at 20 meters these days! I'm sure glad CX on the lower frequencies are better. I hope to be moving to Langley, about 25 miles from here, soon, so will have to start new loggings. There should be better CX there, though, away from all the 50kw jukeboxes. Speaking of 50kw, I heard a rumour that CKDA-1220 is now at 50kw, but I have been unable to confirm it. 73 for now. (Welcome back, Dave! -ERC)

JERRY STARR - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505

Greetings. Since I haven't Mused since May, I guess it's about time. Sorry I was unable to attend either the NRC or IRCA Conventions. I had originally planned on getting to both but my wife's sister & niece were both hospitalized for serious surgery during that period & we had to take some of their children for a time. I had to move my vacation to October so Convention plans had to be changed. While vacationing in Canada I noticed the new CJRW-710 facility is finished & towers are up, less than a mile from the 1600k XR site, so be lookin for testing on 710. Unusual Auroral CX here 10/12-15 w/some good SA lggings on the Beverage, info in Foxy's section. It was odd that some frequencies such as 1110 1130 etc. were all SA while some stations to the N & E that usually disappear in Aurora were still strong. I even had a first-time logging of CFCN-1060 2:15-2:35 on 10/15, a station I would never expect to hear during Aurora. On WABC/WCES were almost gone while WNBC WTIC WBE etc were as strong as usual w/just bits of SS u/them. Locally, WFMJ-1390 has revised their programming to an amateur-ish-sounding Top 40, dropping their night talk show. Still s/off @ 12 except Fri & Sat. when they're on till about 2:30. On 10/13 I noted the KFYN-1430 f/c-TT 2:06-2:16 again so it must be a r/c. Back further in the log, I noted f/c-TT @ 12:04 from WRDI-1580 mentioning "formerly WJH". WGBB-1240 for first-time logging like a local 2:05-2:20 on 10/4 w/Top 40. No sign of the recent WYRE-810 RFS-11- though others logged it. Veries since last Muse: v/1- WVG0-1450 WAXU-1580 WTUX-1290 WFLO-870 KQWB-1550 on CM, WSML-1190 KCCR-1240 (my most distant graveyarder)

WRKB-1460 WANN-1190 WPNS-1080 WOBR-1530 for hurricane emergency broadcast, WAIN-1270-TEST, WMAP-1060 WDSL-1520. v/q- KRKO-1380 which took nine months, WSMB-1350 WJDM-1530-TEST WPME-1540 logged while local WNI0 was off w/technical problems, WFOB-1430. Total varies up to 1,078. The second thousand comes hard, doesn't it? 73s & don't forget to sign up for the NRC CPC this year. Write me for details. Keep on truckin'.

ERNEST J. WESOLOWSKI - 1416 Pasadena Avenue - Omaha, Nebraska - 68107

Another trip over Labor Day weekend to Colorado visiting KKEP-1470 in Estes Park. F/c is during daytime in Denver. KRVN-880 still not on RS. Upon returning home I heard KUAD-1170 Windsor, Col. but weak so I'll wait for better CX. It took till 9/24 to get a good logging. SSS brought in KURA-1570 Vermillion, S.D. on 9/7, KMO-1070 Hannibal, Mo. on 9/10 @ 8:10pm, followed by the new KAYQ-1190 in K.C., Mo. 10/1- KESM-1580 El Dorado Springs, Mo. @ 7:45 s/off. 10/9- KNIM-1580 Maryville, Mo. on RS @ 2pm. 10/11- WCAR-1130 Detroit, not heard for ages, so report sent, for 7:50am. No sign of KWKH or WDCY. 10/12 I noted KPAL-900 in Fulton, Mo. on @ 7:51am before their authorized ISR. Also a couple of days later too. WEAQ-790 Eau Claire, Wis. on RS on 10/13, a regular here at night but never reported. KFKU-1250 U. of Kansas at Lawrence from 8:07-8:23pm when WREN takes over. 10/13- KTUF-1580 Tempe, Ariz. s/off @ 9. 10/14- KNEI-1140 Waukon, Ia. on PSR @ 7:34-7:47 w/polka mx. KWAT-950 Watertown, S.D. @ antenna change @ 7:47pm. KFMC-740 Tulsa RS on 10/15 will antenna change @ 7:45, then out! KLPR-1140 Oklahoma City s/off @ 8. 10/16- KHAP-1340 Aztec, N.M. r/c @ 2:11. Also KULF-790 ex-KHET Houston on RS @ 2:41am. If you can help on drawing the FMB, please write me. I'm looking for seven more volunteers, five maps each. Thanks. 73s.

DON EGGERT - 321 Hoffman Court - #8A - Crown Point, Indiana - 46307

10/18. Greetings. CX CX have largely improved here. Recent loggings of note are: 10/11- WMCL-1060 @ 7:15pm on SSS w/s/off. MM 10/18- Per a tip from Carl Junker by way of Roger Winsor I made special note of TAs this MM as Carl said WWV predicted a low absorption rate. Sure enough there were hets and carriers all over the place but unfortunately they had a storm in the Great Plains to contend with so things were tough. Nonetheless I did ID ORFF-1376 Nice @ 1:34 w/signal sometimes equal to adjacent channels; R. Monte Carlo-1466 @ 1:59 w/FF & super signal, & later Bordeaux-1205 @ 2:15. It's really too bad CX were messed up w/storms. I'll be looking forward to reading what DXers on the EC heard on this same MM. Also WREM-1000 on their TEST @ 1:05 u/WCFPL OC. Total logged now at 641 here in Crown Point. As is the case here last year I'm not able to devote as much time to DXing as I would like as night classes and obligations at work pretty well take up the week. Oh well, it's only a hobby, hi. 73 & DX.

RANDY STEWART - 2951 East Bennet5 - Springfield, Missouri - 65804

I've already written to Foxy about it, but I'll say it here, too. Ross Hansch: the VOA-1178 TESTS are a GREAT idea. We need more foreign station tests; they seem to have been neglected badly in the area of DX Specials. I wonder if George Jacobs could arrange some more of these, such as Munich-1196, Thessaloniki-791 or maybe even Poro-1140 & Ban Pachi-1580? What are the chances of the latter two making it even as far as the Midwest? Also, the 1178 address will probably be as always: VOA, c/o Frequency Division, Washington 20547. DX is starting to pick up again, even though as of 10/18, temperatures are still in the 80s. I haven't had much time to DX, but last Sunday PM 10/10 seemed Auroral at first, but there were also good E/W openings, lotsa IAs heard (details in IDXD) including what I assume is TGRT on about 667k off-frequency again, bat het, but pretty good audio 10:06pm and another SS, this one unID, weak u/XEG-1050 @ 9:36pm in between Brother Obnoxious' bellowing, man speaking in SS barely audible. Which do you think, YVKZ or YSU? Good E/W CX produced State #27 in the form of WWVA w/religion @ 10:17pm o/pest KYOO; KFI-640 vay o/CMQ throughout the evening. Also good to N, surprisingly w/WNBC stronger than in a 1586-1580 RFS-11- 600 In. very good on SSS way o/KATZ @ 6:59pm. That's about it for now. All times EDT.



Supremacy Ratings

**NORM MAGUIRE**  
2877 KALAKAUA  
APT. 704  
HONOLULU, HA. 96815

DOMESTIC DX SUPREMACY RATINGS FOR 9 OCTOBER 1971

YF	NAME AND	RIAFD	TAPE	VERIFIES
STD	GENERAL AREA	TDH SH PH	LLT ST PT	TDV SV PV
40	MOPSS, NEAR BOSTON	3377 50 10	18 - -	3377 50 10
59	DFRAKE, PHILADELPHIA, PA.	2149 50 10	- - -	2086 50 10
?	SPIFFY, NEAR NYC	1612 49 10	0 0 0	1612 49 10
30	WHEELER, NW PENN.	2536 50 9	0 0 0	1555 50 9
60	FUGG, MONTREAL, QUEBEC	1238 47 10	- - -	1212 47 10
58	MERRIMAN, WASHINGTON, DC	1113 49 10	0 0 0	1113 49 10
54	STARR, NEAR CLEVELAND	1472 50 10	165 38 7	1070 50 10
65	WHATMOUGH, NEAR TORONTO	1564 49 10	0 0 0	833 49 10
67	MCCORMACK, INDIANA	1761 50 8	75 - -	821 50 8
66	EVANS, E. CHICAGO, IND.	1056 48 8	0 0 0	610 46 5
59	GLDFIELD, EDMONTON, ALTA.	989 48 10	372 41 8	591 43 10
64	DUNNING, NYC	957 40 8	204 30 4	579 44 8
?	PHILLIPS, LOUISVILLE, KY.	1461 48 4	4 4 0	557 44 3
63	BOYD, NEAR CLEVELAND	806 46 9	157 39 4	444 46 8
61	ERICKSON, LOS ANGELES	900 42 6	- - -	442 38 0
?	FICHMAN, NYC	503 37 8	0 0 0	406 36 8
64	SORENSEN, CENTRAL ONT.	581 41 9	41 14 3	392 39 8
68	PIMPER, SALT LAKE CITY	1185 45 7	220 28 5	389 45 6
68	BROCKWAY, MID-N.Y. STATE	369 40 9	46 29 6	269 36 8
64	BREVILLE, ST. LOUIS, MO.	870 43 7	- - -	267 40 6
?	HARDESTER, CENTRAL CAL.	275 36 5	0 0 0	232 36 5
62	KERFOOT, TORONTO, ONT.	523 41 9	0 0 0	228 40 8
62	DELORENZO, NEAR BOSTON	917 45 9	0 0 0	227 32 5
62	ATKINS, LOUISVILLE, KY.	1033 47 7	0 0 0	222 40 3
62	EDMUNDS, NYC	844 41 8	216 32 6	211 38 6
69	DIRICCO, PITTSBURGH	825 44 8	0 0 0	210 39 5
63	SHANNON, NEAR PITTSBURGH	1204 49 9	307 43 5	187 44 6
68	LOMBARDI, NYC	526 38 9	0 0 0	186 37 7
68	FR. PEJZA, SAN DIEGO, CAL.	418 37 6	- - -	184 33 5
69	KARCHEVSKI, SAN FRANCISCO	214 33 4	169 31 4	170 32 4
69	BUCKLEY, WASHINGTON, DC	237 34 6	55 22 5	161 32 5
?	ROGERS, NEAR BOSTON	524 45 10	- - -	151 31 6
67	RENO, NEAR NYC	315 40 7	0 0 0	147 35 5
69	BENNETT, WEST OF NYC	279 32 4	157 24 4	114 24 4
67	NEAL, NORTHERN CALIF.	481 41 5	264 34 4	92 38 5
70	FEINSTEIN, BOSTON	112 28 5	5 2 2	72 26 5
70	WINKELMAN, CENTRAL KANSAS	326 31 4	0 0 0	68 26 1
70	EGGERT, CHICAGO	606 43 5	- - -	34 38 2
63	JUNKER, NEAR CINCINNATI	539 37 4	145 30 3	11 10 1
68	HART, DALLAS/FT. WORTH	615 40 6	613 40 6	8 4 0
?	HEIMBURGER, NEAR DETROIT	655 41 5	38 23 1	6 3 1
21	HANSCH, SOUTHERN WISC.	1009 50 10	60 50 10	- - -
68	HOGGERHEIDE, UPPER MICH.	1317 50 8	0 0 0	0 0 0
69	CRONIN, SEATTLE, WASH.	234 28 4	0 0 0	0 0 0

DXer	Location	CTYS	VAC	T.V.	FOR.	Africa	Best
B. Dangerfield	Pennsylvania	109	VAC	408	333	27	Pietermaritzburg 845
A. Anderson	Virginia	100	VAC	1438	423	27	WED Nouvassar 500w
E. Holbrook	Maryland	96	VAC	2275	692	24	WED Morocco 1582
E. Gustafson	Illinois	94	VAC	828	284	16	CR63Z Angola 872
E. Robie	Massachusetts	85	VAC	257	143	10	R. Sahara, Sp. Sahara
A. Merriman	Virginia	83	VAC	1282	277	8	Sierra Leone 1200 10k
D. Reynolds	California	75	VAC	1345	465	2	Dakar 754 20kw
E. Wilkinson	California	62	VAC	330	317	2	Sierra Leone 1205 10k
C. Freeman*	California	61	VAC	1337	336	1	Dakar 764
J. Burgerer	Holland	60	VAC	291	281	11	AFRS-Wheelus 1594 1k
G. Allen	California	57	VAC	2737	503	1	R. Senegal 764
S. Drake	Pennsylvania	56	VAC	2415	315	3	Sierra Leone 1210 10k
I. Maguire	Hawaii	54	VAC	2843	2819	1	Algers 1174 50kw
A. Rugg	Quebec	54	VAC	1376	1188	3	Cairo 773
E. Scrimgeour	Ontario	47	VAC	526	440	1	R. Senegal
J. Starr	Ohio	45	VAC	1003	176	2	Acadir 935
R. Leamy	Pennsylvania	41	VAC	301	106	2	Cairo 773
R. Sperry	Connecticut	40	VAC	1611	235	1	?
H. Stone	Ontario	32	VAC	2910	2497	---	---
J. Jeff	New York	29	VAC	302	37	1	Senegal 764
F. Waldron	New Jersey	28	VAC	714	161	2	RE 620
E. Phillips	Kentucky	25	VAC	557	40	1	Senegal 764
E. Reynolds**	Missouri	24	VAC	800	100	---	---
C. Reno	Connecticut	22	VAC	106	58	---	---
F. Wheeler	Pennsylvania	23	VAC	1670	185	---	---
R. Luton	North Carolina	23	VAC	1044	142	---	---
C. Mohr	New York	21	VAC	557	102	1	R. Senegal, Dakar 764
J. Pejza	California	18	VAC	207	38	---	---
J. Renfrew	Connecticut	16	VAC	366	47	---	---
L. Kruse	Iowa	15	VAC	4071	77	---	---
R. Eddie	Missouri	11	VAC	508	32	---	---
T. Davison	Ohio	11	VAC	474	38	---	---
R. Richman	New York	10	VAC	412	60	---	---
J. Shannon	Pennsylvania	9	VAC	187	8	---	---
D. Whatmough	Ontario	9	VAC	844	738	?	?
H. Sorensen	Ontario	8	VAC	402	299	---	---
E. Kerfoot	Ontario	6	VAC	232	179	---	---
R. Karchevski	California	5	VAC	161	8	---	---



Finally back from the Mainland after an extended stay. Will now be living in Hawaii permanently, so please address all Supremacy Rating correspondence to me at: 2877 Kalakaua, Apt. 704, Honolulu, HI. Hope to see my HQ-180 over here soon, with the temporary break in the shipping strike, and maybe I'll be more active again on the PCB. Welcome to Tim Kerfoot with this issue. Next column will feature and best verie as well as most distant verie. 73 and Aloha,

*Norm*

N.R.C. DOMESTIC DX SUPREMACY RATINGS - C/O BOB KARCHEVSKI  
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