



DX NEWS



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"My compliments to the NRC on their fine NRC Pattern Book. One can spend many a happy moment congratulating oneself over hearing the well-nigh impossibles ones in the past and then brooding because the ones still missing from the logs are also of the well-nigh impossible types too!" (Percy Kesteven, Alberta)



PATTERN BOOKS AND STUFF...

Response to the Night Pattern Book continues to be incredible; one of our West Coast members is now selling them to friends of friends... **The Night Pattern Book** is available to NRC members for \$5.00, postpaid by First Class; price for non-NRC DX'ers is the same but delivery is by Book Rate. We have ads coming up in various trade magazines and are mailing flyers to many of the stations included in the Night book; address enquiries about the Pattern Book from stations, etc. directly to HQ and we'll send them information directly. **The new NRC Domestic Log** is now in preparation and will be appearing after the first of the year. We may need some help when it comes to the alphabetical/by frequency tabulation so if you'd like to help out please drop us a card at HQ...

RENEWALS ..

Brubaker... Willis... Oldfield... Ryden... Cronin... Giese... Wallace...
Bartos... Dillbeck... Wendt... Feinstein... Fountain... Janeko... Hobson...
Reno... Pea... Zachenski... Miller (J)... Dunning... Harris... Portzier...
Clemente...

RAMADAN...

will continue to be in effect until November 9; this is the time to get many rare Arab stations that will be running all night.

CREDITS...

for publishing of issue number 1) Ray Moore, Mark Katz, Hal Robie, CDP & Lynne, GPN, BGK, and welcome to Mark Connally
for publishing of issue number 2) BGK, GPN, Hal Robie, Ray Moore, Grace-Anne Stipe, and welcome to William Bailey

1973 CONVENTION SITE...

will be in Boston, Mass. The convention-goers voted on this site; Toledo was a close second, with the Isle of Truk coming in third. We decided to break our tradition of East-West conventions because of no viable bid from the West Coast.

SPECIALS

	Calls	Kc/s	Location	Power	A.M. EST.	Info
Sat. Nov. 4	K R S N	1490	Los Alamos, New Mexico	1,000/250	U-1	All Night IRCA
Mon. Nov. 6	K B R X	1350	O'Neill, Nebraska	1,000	D-1	3:00-3:30 NRC
Mon. Nov. 20	W C H L	1360	Chapel Hill, North Carolina	5,000	U-2	12:05-5:00 NRC
Sun. Nov. 26	W J W A	1580	South Bend, Indiana	1,000	D-1	12:01- NRC
Mon. Nov. 27	K D W B	630	St. Paul, Minnesota	5,000/500	U-3	3:00-3:30 IRCA
	K T G O	1090	Tioga, North Dakota	250	D-1	3:30-4:00 NRC
	W A V N	1220	Stillwater, Minnesota	5,000/361	U-1	3:30-4:00 IRCA
Mon. Dec. 4	W B I R	1240	Knoxville, Tennessee	1,000/250	U-1	1:30- NNRC
Mon. Dec. 11	W M W M	1090	Wilmington, Ohio	1,000	D-3	3:00-3:30 NRC
	W P A D	1450	Paducah, Kentucky	1,000/250	U-1	3:30-4:00 NNRC
Mon. Dec. 18	K N O E	540	Monroe, Louisiana	5,000/1,000	U-4	2:00- NNRC
	W E K R	1240	Payetteville, Tennessee	1,000/250	U-1	3:30-4:00 NNRC
Mon. Dec. 25	W L I K	1270	Newport, Tennessee	5,000/500	U-2	1:00- NNRC
Mon. Jan. 8	W G N G	550	Pawtucket, Rhode Island	1,000/500	U-2	12:01-5:30 IRCA
Sun. Jan. 14	W J D X	620	Jackson, Mississippi	5,000	U-2	1:30-4:00 NNRC
Mon. Feb. 12	K W H N	1320	Fort Smith, Arkansas	5,000	U-2	2:00- NNRC
Mon. Apr. 2	W R A N	1510	Dover, New Jersey	10,000/500	U-4	2:00- NNRC

KFSN-1450. This program udhers in the New Mexico Hunting Season. There'll be guest speakers on that subject, and music, and mention of the IRCA. They'll simulcast on FM. Reports to Mr. Randy Warner, KFSN, 400 North Mesa Road, Los Alamos, New Mexico, 87544 Peek, of IRCA.

KBRX-1350. This program will feature Dixieland music, and brief periods of cycle tones, and voice IDs, and possibly singing IDs. Send those reports to Mr. Carlee P. Mathis, Chief Engineer, KBRX, Box 150, O'Neill, Nebraska, 68763. Mr. Mathis is an old friend of DKers; let's deluge him with DK reports. Interference expected primarily from WSLR.

CARL W. "SKIP" LABELSTEIN

WATCH THIS SECTION FOR TWO IMPORTANT TESTS ON 1600, as follows:
 K L E B 1600 Golden Meadow, Louisiana 1,000 D-1 3:00-3:30 NRC
 W L N G 1600 Sag Harbor, L.I., New York 500 D-1 3:30-4:00 NRC
 ***** ON THE FIRST MONDAY YOU FIND WRFL-1600 SILENT

"AN" SITUATION -- OFF -- 1070 C H O K

HEARD SINCE LAST ISSUE

850 W M A G Ex-860, temporary operation with 1,000 D-1 - will be 10,000 D-3.
 990 W N N R Ex-WJMR, now rr six days, and SS on Sundays.

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, New York, 11226 (Carrier Route 56)
 Ho ho - a verie, at last - v/1, w/CM, CFML-1170, in EE, al-
 though they use FF on the air. I tried some late SM DX, after reading of Ron Mus-
 co's success this Summer, but batted zero. Unn WELI-960 s/on @ 5:30 w/SSB. At 5,
 unn WTRX-1330 way on top of that frequency, no Starr-Boyd-Al Knighter, WHOT. At
 5:05, unn R. Clarin, Santo Domingo, tremendous signal on 860k. At 6/ son on 1380,
 several s/ons, but WNHL, Woonsocket, was on top, a good bet for those needing R.I.
 MM 10/16- CX fine for Europe again, and a report on R. Nordsee-1367, but I'm still
 looking for a mailing address. They were equal in volume to adjacent WSPD-1370, @
 2. WNN-1050 was off, but WNNX-1380 was back on w/NN gospel. Then a try for KYMN-
 1080 really fooled me- there they were, nicely u/WTIC for a good report, 2:q4-2:53.
 I figured WTIC would squash them 100%. WCOP-1150 unn TT @ 2:57. At 3, a strong
 carrier noted hetting 1350 on the 1349 side, could be Mauritania, but no sound
 heard. Unn WSAR-1480 Eping @ 3:09. WABC-770 off, and unn WTKO-1470 noted on RS &
 on top @ 1:58 prior to 2 s/off. a R. Melodia killing CKAC on 730, must be Bogota.
 The 645 SS s/on @ 3:58, but was so weak nothing could be copied today, unlike last
 MM when they were S-6. A good Aurora this close to the Vernal Equinox ought to do
 it - come on, Aurora! 10/19- Unn WPNO-1530 heard just before 6pm s/off u/semi-lo-
 cal WJDM, who s/off @ 6:15, then it was WNBT to 6:30 s/off. Unn WGMF-1500, 250w,
 giving WTOP quite a jostling between 6:17 & 6:30 s/off, w/EL mx & stock NX. CUN7.

MUSINGS OF THE MEMBERS
 MEMBERS' LOGGINGS AND ACTIVITIES



Ernest R. Cooper
 438 EAST 21st STREET
 carrier route 56
 BROOKLYN NY 11226

ROGER GIANNINI - 1111 Forest Hills Drive - Belleville, Illinois - 62221
 12:25am, Aurora CX. 12:32, HJED w/slogan ID good w/WBAP looped.
 The new Cuban on 880 very strong. UnID-900 - OBR4X ever reported? Heard @ 12:35-
 (XEW, no? -ERC) YVRQ-910 @ 12:39 w/Chrysler-Plymouth jingle. HQJ2-1047 @ 12:47
 strong. How good a verifier is this one? CMBQ-1060 good w/light mx, 12:50. YVOZ
 -1200 good w/WOAI looped. Aurora favoring stations coming from SA direction.
 WGAR-1220 normal, XEB weak. KFEK-1530 normal @ 12:56. An unID on 650 w/light mx
 similar to CMBQ-1060 while CMKQ-670 & CMBC-690 are alike. I hope it isn't CMKV.
 Who is the IA on 620 w/clapping after each selection @ 1:10 w/WSUN partially looped?
 I believe it is HJEL. How many of the stations mentioned above will send pennants
 along w/veries? Aurora still here through 9/29. a 586 armchair quality on 10/6, 9
 to 10pm, very good at various times on 10/8 PM, 7/11. 1554 same as 1586. 1214 on
 10/7 PM has R. One and R. Tirana in Arabic slugging it out between 11:30-11:55pm
 R. Tirana s/off. R. One good until fadeout @ 1:15am on 10/8. 10/8 PM was a very
 great TA opening. Hets appeared on 611 728 782 1079 1313 1546. Most wanted TA
 since logging AFN-872 was my unID of 9/7 on 1043 was indeed R. Dresde, s/on @ 10pm
 w/four time pips, format much like 1586 fadeout @ 12:30am 10/9. R. Three-1088 w/
 NX @ 10pm. KAAY split off, and good until 11:30 fadeout. This has been quite a
 season and would like to know how many TAs ERC has ever logged on a good night.
 I have heard an unID on 1215 hetting against R. One-1214 - any ideas? (Honestly,
 I have never counted TAs in one night - about 60 logged overall -ERC)

MIKE COLLINS - 2021 Main Street - Stratford, Connecticut - 06497

Local WICC-600 went off for an hour one night in late Sept. 1:05-2.
 CFCF was heard w/an excellent signal. With CFCF nulled, WMT was coming through
 quite well 1:05-1:25, then WTAC took over for a while, & the two interfered w/one
 another. I thought I heard a WCAO ID around 1:45 calling themselves "the Tower of
 Power" in the mess. No Cuban was heard. One afternoon in Sept. an accident
 knocked the power off in Riverhead L.I. & WRIV-1390 & WHPF-1570 were both off for
 about 15 minutes around lpm. I heard MoR on 1390, must've been WEOK, but I didn't
 get a definite ID. My only chance for WPLM-1390 Plymouth would be w/WRIV off dur-
 ing the day. Certainly WPLM would never make it here at night. (Twilight time??
 -ERC) On 1570, WDEW was coming through surprisingly strong w/rr. During last
 week, WABC-770 went off at least two nights, 10/5-6 @ 2. HJKH "R. Tequendam" Bo-
 gota was in very well both AMs, non-Auroral nights. No sign of KOB-770 even
 though KSL was loud. 10/7, excellent CX, KRMG-740 was in very well w/EB noted un-
 der - couldst have been KCMT? Twould be a new one here. Also KOA-850 completely
 dominated everyone else, rare here & KFI-640 was in o/Cuba for a time. SM10/8 -
 WAPE-690 noted on full 50kw power. When it cut to night pattern/power, it was still
 noted u/CMBQ weakly. WFNQ-940 also testing on full 50kw. Bob Shar of Elyria, O.
 certainly had a good point about stations using different patterns. WAPE on SSS
 is loud here almost every evening Fall & Winter, but on night pattern is extremely
 rare. WFNQ on night pattern would certainly be a much better catch than testing
 w/50kw in the middle of the night. WKBW WINS WHN off MM 10/9. WCDQ-1220 is now
 Ai, WAVZ-1300 dropped Ac & is now independent. Dick Biondi, w/WCFL-1000 until Ju-
 ly is now paid at WSAI-1360. Merv Griffin, who owns WVID-1340 & WENE-1430, is buy-
 ing WPOP-1410 & selling WWC0-1240. WTYM-1600 has taken over WCRX-FM & simulcast
 all day. Don Wade of WDRC-1360 & WKBW-1520 is now at KOL-1300 & his brother Long
 John formerly of WFIL-560 & WDRC has been filling in at WCBG-FM. Clyde Clifford
 ex-host of "Bleaker Street" on KAAY-1090 has had ads in Billboard looking for a
 similar night show on another 50kw. WCDQ-1220 taking Yale FB, WPOP-1410 dropped
 it; WICC-600 still has it. A call to WEOK-1390 reveals the pattern shown in the
 NRC Book is only an application, not a CP or license; there are no fulltimers be-
 tween Albany & NYC on regional channels. 10/12 was a good IA night & on 600 w/WICC
 nulled, it's R. Libertad, Barranquilla, & no Cuban! Let's hope 600 is clear again!

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STEPHEN A. DRUZAK - PSC #1 - Box 613 - APO - San Francisco, California - 96553

Most DXers seem enthralled by the prospect of some wonderful event which would take all the "pests" off the air. I was recently TDY to the Philippines, where just such a thing has happened. As a result of the emergency declared by President Marcos, most radio stations are silent. Although time in the P.I. was limited, and the RX used a nameless clock radio, courtesy Clark AB transient quarters) less than sterling, a few loggings (10/7, 8am) were made: The Far East Broadcasting Co. is still operating, with DZFE-1030 providing ci mx and DZAS-680 transmitting religious programming. The Voice of the Philippines is in operation on 920k, as are the AFPN stations at Clark and other U.S. installations. An UNID station on the low end of the dial (the RX's only logging indicators were "5.5 9 16" spread over 3/4" of dial) was playing uninterrupted Sinatra records, which drove me to listen to the Philippine Broadcasting Service stations on 1190 (DZFM) and 710 (DZFM, the latter carrying NX & interviews in Tagalog with the "Metro Com" (Manila Federal Police) commander concerning the curfew. News generally seemed to consist of the names of people arrested for "anomalies" in their conduct. This is not to be taken as a comprehensive report on the situation: the RX was poor, & I didn't have the time or reference material to do a proper study. The effect of there being so few stations in operation is that the ones on the air seem much stronger than they were when they had to compete with those, such as R. Veritas & the Kanlaon Broadcasting System "rockers" that are now silent. In the evening, numerous Chinese were heard, but time and equipment did not permit. In any event, procedures have been established for stations to resume operations, so normalcy should return in the future. Perhaps Bob Bundy in Truk could keep an ear on the situation (and if he should find any spare parts for a Nakajima Ki 43-II or Mitsubishi Type 97 lying around out there, please let me know). Anyway, aggressive management action has been taken to prevent future such difficulties DX-wise; as soon as I stepped off the plane at Yokota, I dashed over & bought a TFM-1600.

BRADSHAW BURNHAM - 28 Hitree Lane - Rochester, New York - 14624

(Forwarded to ERC by the B.P.C.) First Musing: My preoccupation is the search for receivers of unusual quietness, sensitivity, and selectivity; well matched to directionally adjustable antenna. These goals have not all been attained. If the best is not to be secured by combining a purchased RX w/a special antenna and auxiliary equipment. I do not object to the idea of building a special combination from scratch. At present for low frequency listening I use a TRF and regenerative detector, National (Navy) RBL-2; for the ECB an Elco AM Tuner. We enjoyed a visit with G. Harley DeLeurere in Hendricks, W. Va. last April. We are just now settling in a new house and considering a directional antenna in the attic. Listening can be a pleasure when the WX does not produce excessive atmospheric background, but man-made interference are sometimes a plague. What organizations are dedicated to exposing, curing, preventing, and legislatively managing the mis-performance of fluorescent lights, TV sets, solid state controllers, and other RF nuisance generators? Whose ear can be advantageously filled with wailings about this ever-worsening situation? (Any local candidate looking for votes might be a good bet, Bradshaw, and welcome to the NRC & Musings! -ERC)

MICHAEL GOOD - 13319 Vernon - Huntington Woods, Michigan - 48070

Abiding by your numerous requests, here is my first Musing. In celebration of the excellent CX I have been finding, I have decided to Muse. For an introduction, I am nearly 15 & am a sophomore at Berkley High. I started MW DXing a little over a year ago, and now use a Drake SW-4A w/an AL-4 loop. I am also interested in SW DX but have not been doing any lately as MW CX are the best I have experienced. 10/14 saw two things of note. First, PJ2-855 w/LA mx from 9:35-9:45 pm EST & s/off w/Dutch anthem @ 11. Mx comes in fair, but speech is inaudible. QRM from WJW-850 & CJBC-860. I also heard a station on 600 w/Texas Tech - Texas A&M FB from 9:50 to 9:55 u/WAC. Who is this? What is all the fuss about stations going AN? Here in Detroit there are about 20 locals; all but three are AN & it's been this way as long as I can remember! 73. (Good, Michael, and welcome to the NRC and the Musings section! We hope all our new members will check in OFTEN. ERC)

THERE ARE TWO WAYS TO SPELL EVERY SEVEN DAYS - WEEKLY - AND - WEAKLY. WHICH WILL IT BE IN MUSINGS? IT'S UP TO YOU!

BOB SHAW - 23 1/2 Columbus Street - Elyria, Ohio - 44035

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I won't have room to list all that "great" Summer DX. I will say the Summer's best catches were HOL80-840 KOTA-1380 WDLF-590 WERT-1220 XEN-690 XENK-620. So that's why I said "great", hi! Recently CX have been better & I've had a little time. 10/1- HIAT-650 good u/looped WSM 11:10pm. MM 10/2- YVKK-770 w/records & talk; WABC on DC 1:15-1:20. KPFA-950 r/c. CBT-540 w/WX @ 4:36 giving TC of 6:06, I&C. I checked 640 for CBN & there they were; I hadn't heard them since Cuba was off AN. I shoulda checked 990 too, but I didn't remember to till the next MM when I weren't as favorable. 10/3- WEMB-1060 9:02am u/o KYW w/WOIO looped. 10/3- WBLY-1600 7pm s/off w/a couple of bars of "Eli's Coming"; WTTT/WNEU had just gone off I guess. MM 10/9- FFC-610 s/off w/two bars of O Canada, many mentions of New Carlisle, so I guess CHNC, huh? Though isn't that an hour late (it was 12:05)? Two AN Cubans in //, 860-880. KGO-810 finally @ 1:06 after ABC (1?) NX u/KCMB w/WGY off. KIKKI-990 w/Drake ID 2:30 well o/WNOX; they had public affairs programs. HJJK-650, Emisora Monserrante, good AN. Who has "World Tomorrow" on 650 @ 5am? It took 45 minutes of listening to religious programs & WBT/WCAR stop to do it, but I got an ID from KPNW-1120 @ 4:29 w/NX. Muy gracias for the SM-1! State #48, completing the continental U.S. Now, if only CFCY would show! 10/14- WNRV-990 w/c/w, local spots, then NX, well o/WNOX 8:30am, no sign of the Chicans. MM 10/16- WVMG-1440 ET/mx 12:35 weakly. KYMN & WHIM TESTs both in & both needed. Who are the two AN SSES on 540? The stronger has a YL announcer & either many IDs, which I no comprehend, or many identical ads, in which she speaks, then there's a piano & strongs, then she speaks again, ad disinteressandum. I might have had the WHIM TEST 9/25; I heard SSB there @ 2 - or is that um KPAX? WQXT-1340 will soon become an ERC New Year's Eve station; WPBR! (You Easterners call it "Ribbon"). Nick Mileti, owner of Cleveland's Indians, Barons, Cavaliers & Arena, has completed the purchase of WKYC-1100; new call will be WWNE. Time for a little ingenuity on the part of jingle composers! 73.
CHRIS LUCAS - 407 Elmwood Avenue - Ithaca, New York - 14850

Had snow flurries 10/15, so I guess Winter is well on its way. Recent DX: 10/10- WCAM-1310 @ 5:59pm w/pretty good signal. 10/15- WENT-1340 N.Y. @ 4:21pm, WRSC-1390 Pa. @ 5:24, WAWZ-1380 N.J. @ 6pm. 10/16- WNOR-1230 @ 1:43am, WMPY-1450 Pa. @ 6:13pm. 10/17- WOL-1450 D.C. @ 12:30am. Total graveyarders now 53, w/15 on 1400. Total loggings is 426. Veries: v/q- WDUZ WEMP. v/c- WING. Lots of unanswered reports are out. I really enjoyed Fish's recent article. The only real problem is any real good daytime DX would be via skywave & the skywave signal is often not attenuated w/distance as rapidly as the ground wave signal. Winter day skywave can be quite strong, at least in the Northern U.S. where the sun is relatively low in the sky all day. Most of the Winter I get reasonably good day skywave reception of Chicago's 50kwers (575 miles) while their groundwave just doesn't make it here. As I type this at noon there is no trace of Chicago but in a month or so they'll be there almost daily. I forgot to mention last week I'm delighted w/the Pattern Book. I can't wait for the day patterns. I've noted some mistakes, notably omissions. My book had a couple of defective pages which I wrote HQ about & there's been no reply. One point ought to be stressed about the patterns appearing in the PB is that these are groundwave patterns. If you are receiving a station by skywave at a distance of less than about 500 miles you may be getting either a stronger or weaker relative signal than the pattern may indicate. You have to know the details of the tower spacing, phasing, etc. as well as tower height to really determine the radiation pattern out of the ground plane. In general, if you find yourself in a narrow null of a radiation pattern, but are listening a distance closer than 500 miles, chances are you are not really in the null at all as far as the sky wave signal is concerned. If you're located in what appears to be a very wide null, e.g. that of KMPL-1520, then proximity to the station can't make much difference unless you are very close (about 40 miles). Does anyone know if Sunrise-Sunset maps are currently available from anywhere? Two queries to HQ in recent months have gone unanswered. 73. (Emis Wesolowski is the "father" of these maps, month by month, Chris - try him at 1416 Pasaden Ave. Omaha, Nebraska -ERC)

WELL, WE FINISHED UP WITH 12 MILLION WITH ABOUT 600 MEMBERS, THAT MEANS...
SUBMIT AN ORDER OF 20 OF OUR MEMBERSHIP. YOUR BEST APPROACHES TO THESE IS...
THEY, BUT ANYONE ELSE, HAS MUCH TO LEARN IN THIS SECTION, CHECK THE ONLY SECTION IN...
"THE HOUSE."



Conditions seem to have tapered off a bit from the excellent reception characteristics noted the first week in October. Still some very good catches being hrd, though, as we'll see later. I'm happy to start off this section with a new reporter, Charles Wackerman, of Randallstown, Md. who sent in a nice LW (as well as MW) report, which follows. We realize that part of the problem with LW is the same-ness of the catches one hears, due to the limited number of stations that operate there; this is the reason it is impractical to set up a regular LW column. Nonetheless, we do welcome reports of LW DX - as well as MW - as it is heard by you. Receptions:

- 151 Germany. Deutschlandfunk, Cologne hrd 2326 10/9 until 0200 10/10. Very strong at about s-7 but some problem with modulation. Classical mx. Interference was only from the TV set in the next room. Taped. (Wackerman)
- 155 Romania, tentative. Brasov RTR 2328-2340 10/9 signal here? in East European lang and light mx. Very very weak and an unidentified beacon interfered. A fluttery signal and very poor modulation on the speech portion of transmission but music came in better. Matt Zahner of NNRC was here at the same time and identified the lang as Romanian. (Wackerman)
- 164 France. Allouis ORTF Inter. 2200 10/9 - 0800 10/10; has usually been in with a readable signal every night this season. Very strong with pop mx, some mx and comedy pgms, and ORTF Inter IS. This station is always the first one in and the last one out every night and the only interference ever noted is from static. Taped. (Wackerman)
- 180 Germany. Europa-1, Searlouis transmitting in French 2337 10/9 - 0100 10/10. Fair signal with popular and show mx and some commentary and possibly some commercials. Peadable but some beacon and RITTY interference and some long slow fades. This one is usually in several times a month. Taped. (Wackerman, Md.) (As best I know, plans are still go for the D.I.D.S. alerting station, to be built at Edgewood Arsenal, Md.; operate on 179 khz with 50 kw. Guess you'll be the first to know, when it hits the air, Charles. Sorry, hi. -ed.) (Details about DIDS appeared in Broadcasting, reprinted here, a year or so ago)
- 200 England. BBC here in english with what appeared to be a European Service xmsn and was // SW. Had BBC News, From the Editorials, and a mx pgm. Was hrd 2315 - 0045 10/9-10; 3 or 4 other times since beginning of '72. Heavy interference from a beacon signal but easily readable. Taped; have also verified this one. (Wackerman) (No beacon ever hrd within 3 khz or so of 200 here -ed.)
- 209 Morocco. Azilal, Beni Mellal. RIM 2202 10/9 - 0400 10 and in every night since. Arabic chanting and Arabic lang. About the same as ORTF signalwise. (Wackerman) (I've still not definitely hrd this one in evenings; not at all in mornings. I get a beacon "MMK" here, where's this? Incidentally, concerning 209, I found a very old Bennett column from a mid-'60 vintage Poptronics concerning LW BC DX, one of the few concessions Hank ever made to low freq and MW DX, and in it he indicated that Reykjavik, Iceland was heard "in the Great Lakes area, (by an unidentified DXer) around 1830 EST". This freq might be worth watching for a chance at bagging this very elusive country, for as we know the 665 and 737 outlets are of the highest difficulty (also). -ed.)

MW DX receptions this week are unusual here, at least for this column, as I have more top-of-the-dial material than low-end stuff; a reversal of the usual pattern.

- 650 unID SS hrd without any breaks from 0738-0800, then 3 ascending chimes and unreadable ID. Music a combination of C&W and MoR; presumed to be Cuba. Hrd MM 10/9. (Pejza, Calif.)
- 650 Hawaii. KORL hrd poor u/WSM 9/12 0955-1025. (Oldfield, Edmonton, Alta.)
- 655 No. Korea. This the only Korean hrd 10/16 1155 to fade at 1158. Man in Korean and orch. mx. (Pejza, Cal.)

- 660 Alaska. KPAR 0723-0732 9/20 poor to fair u/WNBC. (Oldfield)
- 670 Mexico. XETOR, Torreon, Coah. hrd for the first time MM 10/16 with KBOI partly mullied; rancho mx, in 1209-1213 with RCN ID at 1213. (Pejza)
- 690 Mexico. XETRA, Tijuana has been off most MMs recently from at least 0815 to past 1115. (Pejza)
- 719 Portugal. Porto in 10/11 2235-2300; started fairly weak sunset with soft MoR vocals and talk in Portuguese by a man; built up to a steady s-7 by 2254 and was stronger than WGN. After that they began to have crossmodulation problems (slopover; sideband leakthru-ed.) as WGN built up. (Bill Feidt, Md.)
- 720+ Nicaragua. Radio Titania, Chinandega was almost certainly the station here on 10/13 to 0400 s/off. No definite ID but they gave the freq as 725 and mentioned Chinandega in the s/off anmt. Signal was only fair. (Merriman, Va.)
- 750 Nicaragua. Radio Equis, YNXX Managua noted at 0425-0518 on 10/9 with contemporary mx. A strong signal with slight QRM from WSB until 0505. (R Allen, Ok.)
- 750 Alaska. KFGD, Anchorage hrd 9/20 with detailed news, wx, sports, 0709 with rock and MoR mx. An excellent s-6 except for static bursts. No sign of WSB. First fade was quickly at 0723. Returned with mx and Garner Ted Armstrong at 0732-0740 at s-4 under WSB and an unID Spanish. (Oldfield, Alta.)
- 760 Hawaii. KGU weak under the Cuban in WJR Null 0838-0843 10/9. (Pejza)
- 770 KGU hrd 0955-1025 9/12 poor-fair u/WJR. Hrd on 9/25 at 0800 "your sports voice of Hawaii" in detail to 0810 wx. Were s-6 and no WJR at all. (Oldfield)
- 770 Colombia. Radio Tequendama, HJJX good with rock, ID at 0821 10/9. (Pejza)
- 810 Japan? Noted s-9 "grumble" 1235 9/25 which usually becomes Japanese. (Oldfield)
- 810 Mexico. XEFW, Tampico noted at 0225-0240 on 10/5 with popular mx and frequent ads, including one for Pepsi. Slight QRM from KCMO. (Allen, Ok.)
- 818 Morocco. Rabat at a good level most evenings. Apparently a new high power xmtr on this freq. Had mistaken for Egypt until I noticed it was // 209 khz. (Grant, Mass.) (Another benefit of being able to tune LW...-ed)
- 820 Mexico. XESB, Santa Barbara, Chih. presumed the strong Spanish hrd 1253-1302 MM 10/16 with WBAP under. Faded badly and quickly. Sunrise rules out other Mexicans; this reception would have been right at LSR in Santa Barbara. (Pejza)
- 827 Spain. EAJL, Barcelona in with good signals on 10/14 at 0040. Man in Spanish at this time. (Merriman, Va.)
- 830 Hawaii. KIKI noted on 9/20 at 0643 with rock mx, even with WCCO and both poor. Same thing, 0800-0807. Noted at s-9 0810 9/25 with lady talking in Japanese, giving ph. nos in English. Jap songs to 0822 t/out. Note that they were English rock at the same time. (Oldfield)
- 844 Gilbert & Elllice. Tarawa just a weak carrier when checked at 0850 10/16. I didn't try to stick around and get any audio. (Merriman) (I transposed the meaning; "stick around and try...audio" is what I meant to type -ed.) (sri.)
- 845 Italy. RAI Roma 10/9 0300-0345 with French and English news on the hour; Italian on the 1/2 hour. Had some popular American and "soul" mx, some show mx and one classical mx piece. Poor signal, bad fading and heavy QRM from adjacent channels. Barely readable. (Wackerman) (Unusual for this former s-9 sig)
- 850 Hawaii. KHLO hrd for the first time in over 2 years, under KOA OC MM 10/9 at 0627, with promos and rock. (Pejza)
- 870 Hawaii. KAIM, Honolulu 9/12 0955-1025 and 0755-0800 9/25, both times with religion, poor-fair and under WWL. (Oldfield)
- 880 Cuba. In strong with Radio Encyclopedia ID 0633 10/9. (Pejza)
- 917 Spain. EAJ2, Madrid 10/14 0010-0028 very good with lively Spanish mx to 0015, a 2 minute dialogue by a man and woman in Spanish and back to mx. Hit s-7 at times. (Feidt, Md.)
- 971 unID. Carrier hrd 10/14 around 0140-0150 kicking up a 1 khz het; could split off carrier but crosstalk from 970 made audio impossible. Nothing seems to be listed on this time of day but judging from cx I would guess ENR-2 on late; anyone have any info on this? (Feidt, Md.) (Any chance of a Russian, Bill? -ed.)
- 998 Moldavian SSR. Kishinjov a good level 10/10 2245 tunein in Russian, and cl mx. Radio Moscow IS at 2258, a minute of silence folo by IS again at 2300. Then lost under splash from 1000 khz stns. (Grant, Mass.) (Just SOUNDS like a thousand stations, hi-ERC)

(continued)

- 1020 Tonga. Nuku'Alofa 9/25 0855-0859 fair to even s-6 with KGBS. KGBS s/off left no sign of KDKA. The lady ancr used two "poly" langs, plus English. Didn't hang around for the new ID. (Oldfield) (Reptd call now is A3Z. -ed)
- 1020 Tonga hrd 0908-0930 (GOAT. Seg. VII) with a man taking the entire time (as far as I could tell; sig faded out several times) and when in best, signal seemed Polynesian or Hawaiian. Strength 0 to 4 (out of 5) and readability 0 to 5 (out of 5) with heavy QRM from KDKA and severe static. (Karchevski, CA)
- 1020 China, P.R. Peking hrd 1000-1006 (GOAT. Seg. VIII) with pips (5 + 1 higher) at 1000. Then a woman in Chinese into a speech which continued beyond 1006. Signal strength 1 (out of 10) and readability 0 to 1 (out of 10) with, again, QRM from KDKA and light static. (Karchevski, Cal.)
- 1025 Spain. ERFJ15, Barcelona 10/14 0035-0120 extremely strong and steady for almost the entire period; had man with talk in Spanish with deep but strong modulation; had brief periods of a bullfight-type music in the background; mention of Madrid, Valencia and Radio Juventud at 0100. WBZ splash a problem at times. (Feidt, Md.)
- 1025 Nicaragua. Radio Mundial, YNW3, Esteli noted with fairly good signals at 0440 on 10/16. Newscast with multinote chimes used between items. (Merriman, Va.)
- 1034 Portugal. R.C.P. Lisboa, CSB2 had excellent signal at 0433 on 10/16. Was playing a comedy record at the time. (Merriman, Va.)
- 1040 Hawaii. KHVH on at beginning of "GOAT" segment 1000 SM 10/15, but then a quick s/off amnt, and off without SSB. (Pejza, Cal.)
- 1040 KHVH hrd 0807-0816 (GOAT. seg. VII) with man talking until 0807½. Then a woman talks beyond 0816, hrd phrases like "women of Hawaii are going to vote" and "people on the local level". Strength was 1 to 3 (out of 5) but readability only 1 (of 5) at best due to heavy static, TVI and a Spanish stn hrd on occasion. (Karchevski, SFO area, Cal.)
- 1040 China P.R. Foreign Service on top of KHVH 1000 SM 10/15 for GOAT; faded, back at 1004 with man in Jpapanese. SAH of 140/min. Was at armchair level at LSR here 1350 10/16 with man talking in Chinese; faded for a couple of minutes. Children's chorus hrd several occasions here. (Pejza)
- 1040 Foreign Service hrd 1028-1035 (GOAT. seg. VIII). 1028 had opera mx sung by man and woman. 1028½ talk by woman in Japanese? then more opera mx. 1030 a sudden 2 hz flutter, folo by WHO ID. 1031 man says "KOCHIROWA PEKING HOSOJO DES" (recognized thanks to Richard Wood) (Don't mean to be a nitpicker but thought the correct wording would be "kochirawa Peking hōsō desu", can we verify this or is it too inconsequential to bother? -ed.) then orchestra mx (an IS?) for 30 seconds. Man says ID again, then keeps on talking beyond 1035. Strength 2 to 4 of 5 and readability 0 to 3 (of 5) with light static and fading. Hrd again 1047-1105 (GOAT. seg VIII) with mx by children's chorus and woman in Japanese. 1050½ appx 800 hz tone fades up very strong for about 60 seconds, then disappears. 1059 woman says "TCUCHI-AIRA PEKING HOSOJO GUDES" (REW?? -ed.) then instrumental mx. Then woman talks over mx. Mx ends, woman keeps on talking. Hrd again 1300-1306 (GOAT. seg IX) with a man talking in Japanese beyond 1306. Strength and readability loud and clear. Some light static and slop from KOFY-1050 and KTW-1030. KGBS and KSWB, 1020 also on now. At 1303 a HNL starts, source unknown. (Karchevski)
- 1088 England. BBC readable 0448-0535 in German to 0530, then French. Had commentary and mx, "ici Londres" at 0530 but no IS or BBC chimes. Logged with WBAL (½ mile away) off. Taped. (Wackerman, Md.)
- 1090 Mexico. XEPRS strong with oldies rock 0623 9/25; KING and CHEC off; rare here. (Oldfield, Alta)
- 1090 XEPRS with relig. in Spanish 0435-0510 10/2 with severe KAAAY QRM. This stn is hrd regularly, occ. topping KAAAY here. (Allenm Ok.)
- 1097 Canary Is. ECS4, Las Palmas 10/16 0655-0700. OC to 0657, then into a guitar IS consisting of 3 ascending notes, chord, 3 descending notes, chord; brief anthem at 0659 and ID by man in Spanish as "...escuchan Radio Atlantico." Also had weak audio from a 2nd Spanish while ECS4 had OC on but no ID was possible. I could have sworn I hrd French talk by a man around 0630 here, just before many of the Spaniards put carriers on, but who might this be? (Feidt)
- 1100 Colombia. Radio Reloj 0440-43 10/9 definite ID; poor and faded quickly. Had a very quiet, slow vocal. (Wackerman, Md.)
- 1111 Spain. Brief periods of music breaking on top of the jumble of carriers here on 10/15 at 2309. Surely these off freq stations are interfering with each other. Wonder why they don't try to keep these stations on freq? (Merriman)
- 1160 Dom. Rep. HIEG, Radiolandia, Santiago noted with romantic mx on 10/14 at 0410. (Merriman, Va.) (The date hrd here AN was 7/24/72; correcting prev.-ed)
- 1180 Brazil. PRE3, Radio Globo, Rio was hrd with excellent signals on 10/15 from Radio Mil s/off at 0630 to after 0800. Some long deep fades and QRM from WOWO on 1190. Had many IDs as "Globo" by a man breaking in over the music. Three chimes noted just before 0800, but these may have been part of a spot for a bank. (Merriman, Va.)
- 1180 Dom. Rep. Radio Mil, Santo Domingo good on 10/15 to 0630 s/off. (Merriman)
- 1196 W. Germany. VoA, Munich 10/9 0546-0600; traces of audio. (Oldfield)
- 1200 Venezuela. YVOZ, Caracas 10/9 in well 0640 w/OC WOAI, lots of IDs and ads. "Radio Tiempo". (Oldfield)
- 1205 France. ORTF Bordeaux 10/10 0555 het broke, but no audio until 0558. Faded forever at 0611. Man spoke in French right past past 0600, then into mx. Four equal (D/bell) pips, equally spaced folo by what seemed to be a few notes strummed on a harp. They must be automatic pips as they drowned his voice. No pause. No sign of WCAU. Their French seems to be spoken twice as rapidly as that on, say, our local CHFA-680. First real audio for me on this one; France #1. (Oldfield, Alta.)
- 1205 Sierra Leone. Freetown believed the station with tone test under Bordeaux at 0548 on 10/16. Tone ended at 0554:45 and their IS noted at 0556. IS was over Bordeaux at times, but faded under them at s/on time. (Merriman, Va.)
- 1214 England. BBC noted 10/2 0529-0626, fair with pips at 0600. MoR and "pop" mx jingles, "it's number one on Radio one". TCs for DST (BST -ed. or, CET.) e.g. "27 min 30 sec until 8 o'clock" (Oldfield) Also noted: 10/3 0545-0609 fair to good, pips again at 0600. Peaked to s-3. Hrd 10/6 0547-0609 very poor; was poor 10/9 at 0545 and poor on 10/10 at 0540. Tuned again 0612-0647 for the best signal ever. All "pop" plus stuff by Cher, Guthrie, had many exact TCs, dedications from all those cards and letters. (all from Oldfield, Alta)
- 1214 unID strong het, probably Russian, 0911-0915 10/8. Sleep time here. (Oldfield)
- 1232 Morocco. Voice of Morocco, Tangier likely the Arabic stn here at 0535 10/16. If it is them, is earlier s/on than listed in WRTVH. Strong carrier but little audio. (Merriman, Va.)
- 1340 Tangier fair with chanting and flute mx 0420-0438 10/16; much better with man, apparently in Arabic 0540; more chanting 0550. (Delorenzo, Fla.) (Perhaps "earlier than listed" reception just Ramadan operation? -ed.)
- 1340 Honduras. New call, contradicting FBIS and WRTVH, for Radio El Mundo, San Pedro Sula, currently putting out good signal on 2680, where heard here. Noted 0505 10/4 had highly formatted record request pgm. Informal ID as "La Mundo" (short for La Radio El Mundo-gh); noted to 0700 s/off. Back at 5 a.m. Theme "Around the World". (Hauser, Texas) (Was noted several khz off channel in 1967; apparently is right on now. New call is HRHC, overlooked. -ed.)
- 1349 Mauritania. Nouakchott apparently the North African carrying Arabic pgm 10/14 & 10/15 2235 t/in to 2305 s/off. Good level but difficult to separate from 1350 domestics at times. (Grant, Mass.)
- 1350 Hawaii. KIVM, Lihue noted poor 9/12 at 0955, poor 9/25 around 0830, fair w/ fading and QRM 10/8 0850-0901; rock jingles like WLS, KOL; hrd poor 10/14 at 0845. Had rock pgm in each instance. (Oldfield, Alta.)
- 1367 Int. Waters. RNI 10/8 0524 pop mx from Europe; 0530 was definitely // 6207; 0559 ID and fast and weak SAH, nom. 5.2 hz, likely from Porto. (Hauser, Tx)
- 1370 Mexico. Stn hrd 10/8 0552 with partial ID as "...PJ, R. Capital" presumed this San Pedro Tlaquepaque station referring to adjacent Guadalajara (Hauser)
- 1376 France. ORTF Lille 10/8 0513 French talk, mx; 0542 good with French talk; 10/9 0454 French singing, good at several other checks. (Hauser, Tx.)
- 1376 unID strong het w/KRKO splash 0907-0911 10/8; prob. the Russian. (Oldfield)
- 1380 unID SS, IDing as Radio Exito, I think, and "musica romantica" 0732 10/9. Much slop from local KGB made reception very difficult. Chimes after ID. (Pejza) (I saw a TV show last year, "Mannix" or similar, discussion about the KGB, the Soviet security police; actor says "And that's not a radio station either!!" What else can you expect from a California actor on TV series

- 1385 Spain. ECS11, Radio Centro, Madrid, 10/9 0603 British mx, various anmts, m&w alternating, 0619 clear ID, fair strength, good catch at 20kw. (Hauser)
- 1394 Albania. Tirane 10/8 0535 presumed the one w/talk, listed Polish, 0605 list Czech; in after other TAs had gone; 10/9 0502 not quite so good. (Hauser)
- 1394 unID. Signed on at 0630 on 10/16. Brief mx at 0630 then a woman speaking to fadeout at 0652. Language doesn't sound like Spanish or Port. to me. Tirana a possibility in Hungarian but would have been way after their LSR. (Merriman, Va.) (Any possibility of Azores, tho seemed not PP; dialect? -ed)
- 1395 Strong het here, probably Chinese, 10/9 1325-1400 (near LSR). Power was off most of the AM in parts of the city. No chance for GOAT either. (Oldfield)
- 1425 Greenland. AFRS, Thule AFB 9/25 at 0618 at 40 over s-9 with AFRS (the T emphasized-jo) detailed sports via ABC, CBS, NBC; dropped to s-6 by 0630. Had no local ID - just a girlie jingle "AFRS, Good morning". Into soul and rock, the Air Force Breakfast Food. In again 10/2 0628-0640 with heavy rock. In on 10/8 0830-0838 poor with fades, had jazz-unusual! In again 10/10 0520 to 0531 and 40 over s-9, slopping 1420 and 1430 with unusual live deejay request line "25-24 Thule" until 4 AM. Mostly rock. Tuned back 0650-0718 and still at 40 over 9, live to 0700 news from A1 net - 0714, and are you ready for this! AFRS soul tapes with Wolfman Jack! (Oldfield, Alta.) (such class...)
- 1457 England. Radio London probably the station here at 0614 on 10/16. Not enuf audio to determine the lang, but this late I don't know who else. (Merriman)
- 1466 Monaco. TA carrier 10/5 0513 and 10/8 0458, some audio at 0510; 10/9 0457 mx, 0500 hymn, 0539 light mx; rather good and one of the reliables. (Hauser)
- 1469 Cuba. CMGE, Cardenas 10/11 0125-0134 very strong against 1470; ID at 0128 runs, "Esta es Radio Ciudad Bandera .. desde Cardenas, Cuba, territorio libre en America (and they say that with a straight face -ed.). This one sounds like a lot more than 250 watts. (Feidt, Md.)
- 1475 Austria. Wien must be the one with Tyrolean mx 10/9 0448, soon out. (Hauser)
- 1475 unID. Noted 0605 to fadeout at 0613 on 10/16. Had opera with a woman singing in a high pitched voice. Weak. This should have been after Vienna LSR. A remote possibility is Mallorca (Mallorca?-ed.), wouldn't that be nice? (Merriman, Va.)
- 1502 Spain. Item here 2 sections back, credit to Edmunds, NJ. (ed)
- 1510 Australia. 2NA, Newcastle in 9/25 0915-0950 poor-fair with m&w talking until 0930. Mentions of NSW state in talk. Cl mx to f/out. Clear channel and a new one for me. (Oldfield) (This used to be the most likely Aussie ECNA-ed)
- 1525 China P.R. Urumchi, Sinkiang noted with best signal ever heard on 10/13, 2306 to complete fadeout at 2350. Was over s-9 at 2315 and perfectly readable for 10 minutes or so with m&w yapping in Russian. Some very brief periods of mx. At about 2328 a second carrier noted just on the high side, causing a slight het when Urumchi faded. Both signals completely gone by 2350. Now to get a verie. (Merriman, Va.)
- @ Russian lang pgm noted 10/13 fair and 10/14 poor level, 2305 t/in to apparent f/out around 2325-2330. Missed IS on the hour for more accurate ID.
- @ (Grant, Mass.) Was fortiously home from work, DXing 10/13 and noticed loud het here 2235 and was pulling audio by 2240, man in Russian, with a fair signal, rapid deep in-and-out fades. Sig dropped off somewhat around 2247; wife turned on TV downstairs completely wiping out signal. Was talking to RjE and rechecked freq at 2259-was surprised to note IS chimes coming in over the TV sweep buzz. With set off, at 2300, I found signal was coming in as well as 1520 and 1530 (with loop to NE to minimize 1520 splash). Got a very clear tape with "govorit Pekin" spoken four times, once by girl, once by man, bellchimes in triplets for 20 seconds or so, IDs repeated again; a few bars of stentorian music, and into dialogue. Had xtal filter on "off" and was getting bell-clear reception thusly, stayed in well to past 2320 here. Loud het was apparent when rx tuned to 1520 or 1530. Seemed to be a trace of a very low het in and out along with rapid fade on China itself, during most of this period, maybe 100 or 150 hz? Quite weak. Checked again 10/14 around 2305-2310 and no trace of anything on 1525 here. Nothing at all noted on 1529 either night. Tried 1425, too, nothing there either. This could have been a "doughnut-hole" skip-thru reception, as seemed a bit auroral here. This could have been hrd on a table radio, was so strong (Foxworth)

- A further note on 1525 - assuming the xmtr location is indeed in the Urumchi, Sinkiang area, this is not a Far East reception as commented on in the section, last week. Bearing is approx. 14° from NYC; distance about 6450 miles. Signal path passes near Novosibirsk, USSR, over Novaya Zemlya, over Spitsbergen, near the very northernmost tip of Labrador... a very difficult path. The extremely high power of this xmtr (reported 2000 kw with an antenna gain of 4) helps belt a signal through. -ed.
- 1529 Asiatic RSFSR. Causing a strong het on KFBK 10/16 1250. (Fejza)
- @ unID with strong het here 10/9 1325-1400 (near LSR). (Oldfield)
- 1541 Dom. Rep. Radio El Mundo, Santiago, drifted to here, hrd 10/5 0522 when hrd with rhythms; 0530 TC for 1:02 "en Santo Domingo"; nom. 1540 per Objio list. (Hauser, Tx.)
- 1546 U.S.S.R. Vinnitsa, Ukraine with Eng. lang pgm 2230-2258; is in African service of Radio Moscow. (Grant, Mass.)
- @ Moscow chimes noted 0300-0445 10/8 and had some signal at 0400 10/9. Was in Eastern Euro. lang, Russian probable. Fair signal and readable. Matt Zahner first hrd this; called me. Taped but quality poor. In again with same type signal on 10/11 and 0100 10/12. May try for a better tape this wkend (Wackerman)
- 1554 France. ORTF Nice 10/5 0510 in French but by 0545 not much left. Nice reception 0522 10/8 with chanson; 0505 10/9. Another reliable TA here. (Hauser)
- 1562 Int. Waters. Only a kind of marker consisting of 4 to 6 pips in morse code style, and a sung ID that sounded like "Veronica K. C. R." repeated at 30 to 45 sec. intervals, about 0130 10/2. Still going at 0430, as well as at 1030. At 1145, familiar Dutch pgm until 1200, when came the ID, "Dit is Radio Noordzee International". RNI running // 1367 and 1562. (Greenhill, Eng.)
- 1570 Mexico. XERF noted 10/5 0511 with pgm in French from Phila. evan-gelist with a heavy American accent. Visit made to new, more convenient xr site 10/10 with Calkin revealed they are currently down to about 50 kw but building new equipment to raise eventually to 500 kw (formerly were rated at 250 kw. (Hauser, Texas) (Who would French be for? Louisiana? -ed.)
- 1570 Guatemala. TGVE, Voz Evangelica. Relig stn in Spanish u/XERF 0519 10/7; into Guat mx pgm 0535. XERF talk pgm during this hour, with long pauses while speaker gropes for words in French is helpful. Not copyable after 0602 and maybe off then. First noted 0545 10/5. (Hauser, Texas)
- 1578 Italy. 0535-0555 on 10/9 with good s-7 signal. Italian lang comedy skit w/ several musical selections incl. "American Boys". Taped. (Wackerman, Md.)
- 1586 W. Germany. Langenberg 10/9 0530-0546 fair with mx to f/out, German spkg. In 10/10 0506 m&w talking in German, fair, mx 0516-0537. (Oldfield, Alta.)
- @ WDR poor 10/9 2200 to about 0750. Variety mx, nx, commentary. (Wackerman)
- @ WDR also a regular, v.z. 10/5, 10/8 0458 with audio and by 0538 up to SINPO 32343 with mx, also on 10/9 and 10/10. (Hauser)
- 1594 unID. East Europeans only stations known on by 0500 Sundays (10/8), had some audio here, with graveyard sound though, 0520. (Hauser)
- 1599.85 Dom. Rep. Appx freq of het which disappeared simultaneously with 2nd harmonic 3199.7 at s/off 0436 10/6 after anthem. Tuned there at 0324 with mx, few anmts, IDs 0402, 0423 as L.V. Fuerzas Armadas. (Hauser)
- 1602 W. Germany. BR, Ismaning 10/8 0502 German talk, 10/9 0516 mx. (Hauser)
- @ Munich very good with man in German 0404 10/9, extr. clear. (DeLorenzo, Fla)

That's it; have a few odds and ends here but have to close out and run to the PO.

72 Bob



REPORTEDLY IN OPERATION...

MALI. Bamako is reportedly now on 1415 or thereabouts according to SDXX.

SPAIN. RNE's new Santander transmitter on 971 is using two 10 kw transmitters in parallel into a 300 foot mast near the shore-line. FREQUENCY MEASURED AS 970.9572 kHz at NRC HQ on 10/24. (GPN)

SWAZILAND. The new 50 kw transmitter is now operating on a regular schedule of 0400-2200 on 1376 kHz. (ARC)

ISRAEL. The Israeli station on 737 now transmits in Russian 2100-2200 and 2210-2355 so beware... (ARC)

CZECHOSLOVAKIA. There seems to be a new station on 899; currently only heard during daylight hours. (Blodorn, German)

YUGOSLAVIA. R. Kragujevac is a new station built by the local population at this city using the old relay transmitter which used to operate on the same channel (962 kHz); station broadcasts from 0255 until 1805 and 90% of the programming consists of local folk and pop music plus commercials. Radio Borba, another commercial station, is currently operating on 895 kHz. (ARC)

GREECE. Three new stations have been heard in Bulgaria since the middle of September; channels are 881, 953, and 1610 kHz; the latter channel relays Athens Home Service. (SCDX)

IRAQ. A new superpowered station is now operating from Kirkuk on 692 kHz; the power is reported to be 1200 kw. Heard in Sweden during the evenings after 1800 and interferes badly with DDR and the BBC. (Ericson, Sweden)

EAST GERMANY. Radio DDR is now using the old 250 kw Burg transmitter, formerly operating exclusively on 904, on a new channel of 1570 kHz; for an hour and a half period stating at 1900 they switch back to 904 to transmit propaganda to the foreign workers in West Germany however. (Ericson, Sweden)

CHAD. Radio Tchad is reportedly now operating with 20 kw on MW; no frequency specified. (DXclusive) Another item from Finland says that Chad is operating on 1169 kHz; hopefully this will be the new 20 kw rig - should be pretty easy from here...

RYUKYU ISLANDS. Following the return of Okinawa to Japan the callsigns, formerly K calls, have been replaced with new JO calls and new stations have been set up. The NHK has opened two stations at Naha: JOAP on 550 with 10 kw relaying the first network and JOAD with 10 kw on 1360 relaying the second net. Stations which have changed call include the Ryukyu Broadcasting Corp., now JORR from KSAR; the old KSBK on 880 (3 kw) is now JORO; The Radio Okinawa Co. station on 780 (5 kw) is now JOXR; the

FEBC 1 kw job on 1020 is now JOFF; the FEBC Japanese programmed outlet on 1250 (10 kw) is now JOTF. On Miyako, Miyako Jima, the NHK stations are on 970 (First Net, 100 watts) and 1370 (Second Net, 100 watts). The Ryukyu Broadcasting Corp. is on 1150 with 100 watts; call is not known. On Ishigaki Jima, the NHK 1st Net is on 540 with 1 kw and the 2nd Net on 1520 with 1 kw. There is an RBC station is on 1120 with 1 kw and Radio Okinawa operates on 1430 with 1 kw. The AFRTS is still on 650 with 10 kw (and 1420) and the VOA continues to operate on 1178 with 1000 kw. JORO-880 is licensed until October of 1973 and the FEBC to May of 1977. (NZDXRL) Promotional literature from FEBC says that the last transmission of KSBK (100 kw) was in May and that the transmitter has been shipped to Manila; future plans for this transmitter are unclear. Plans are moving for the new 250 kw outlet on Cheju Island (S. Korea); 30 tons of equipment was to have been shipped from Switzerland sometime this last summer. Frequency for the Cheju Is. operation is still unspecified. (Freeman, Ca.)

PLANS AND RUMORS...

SABA. Via the ham radio grapevine comes word that there is now a station on this obscure and almost inaccessible island about 50 miles from Sint Maartin, supposedly operating on 1385 kHz. This island is part of the Northern group of the Netherlands Antilles. Anybody here anything from this one? (Via Ray Moore)

WEST GERMANY. Saar on 1421 is scheduled to go to 1200 kw next month if anybody cares... (ARC)

COMORO ISLANDS/TANZANIA. ORTF plans to establish a powerful relay station on the Comoros in order to counter the propaganda from the French-speaking clandestine station "La Voix du Molinaco" operating from Tanzania on 1025 kHz, plus SW. This station is in support of the Comoros Islands Liberation Front. (SCDX)

GABON? Re Ginbey's tentative Gabonese station on 989 reported here in IDX recently: there is a new Franceville station noted in Europe on SW which is not in parallel with Libreville on SW; maybe this one is the same net as 989? (Ferguson)

WESTERN SAMOA. ZAP is studying the possibility of moving the transmitter down to the shore (now 900 feet above sea level) and establishing two more MW relays in the outlying islands. (DXclusive)

ANTIGUA. The BBC and Deutsche Welle are jointly building a 250 kw relay station to be completed in 1973; not know if this will be MW or SW. (DXclusive)

FIJI. The FBC has closed its SW stations and both are being modified for MW operation. (SCDX)

TA FREQUENCIES RECENTLY MEASURED AT NRC HQ:

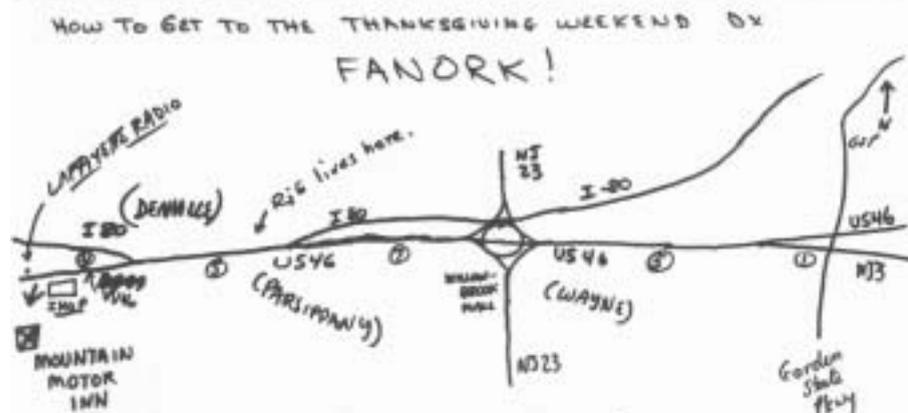
251.8684 Tipaza, Algeria measured here 10/13 at 2329; // to 890 kHz.
 533.0000 Morocco measured 10/7 at 2240
 547.9824 Algeria measured 10/7 at 2250
 808.9932 EAJ5 measured 10/22 at 2154
 818.0012 Morocco measured 10/9 at 0130
 818.1616 Egypt measured 10/9 at 0130
 935.0816 Morocco measured 10/11 at 2200
 1303.9352 Algeria measured 10/22 at 2332
 1231.9992 Morocco measured 10/18 at 2324; 50 Hz hum on carrier.

All frequency measurements are \pm 0.8 Hz.

(GPN)

- 1410 WING-OH Off most of AM 10/9. Much TT'ing so perhaps PoP (Boyd)
 ++ 1450 CFJR-ON 0157-0201 10/7 & 0258-0303+ 10/9. NSP?? (Boyd) ** Yes-RJE
 1530 unID TT u/WCKY 10/7 0118-0127. ID 0127 was "M" call. (Boyd)
 WTTT-GA Testing w/rr, jingles, live annor. lead-ins 0310-22 noted
 w/WCKY on-off intermittently throughout. Strong here (Foxy)
 1550 KKHT-GA Noted best level ever 10/9 0245-55 until WQXR TT sidebands
 covered. WOKJ testing on/off during that time too (Foxy)
 WEXT-CT ET-TT-OC 0103-0125+ 10/7 (Boyd)
 1560 WRIN-IN Testing 10/9 0200 to s/off 0231 w/ powerful sig. 1 kHz. TT,
 few voice ID's (Foxy)
 1580 unID Tester here 0230 10/9. Carrier kept cutting on/off, distorted
 audio at times. A new CP coming on ?? (Foxy) ** WYYZ, Jasper,
 GA. due on by 1/1/73.... -RJE

Well, thassit for this time. Below will come a quasi-map for the QTH of the NJ
 Thanksgiving get-together: 73, RJE



IF YOU HIT DOVER, N.J. YOU'RE WEST OF IT.
 SCALE IS LOOSELY UP. I SAW OUTTA ROOM AT LEFT.
 CIRCLED NUMBERS ARE APPROXIMATE VILLAGES
 BETWEEN INTERSECTIONS. ALSO A COCKTAIL/LOUNGE-RESTAURANT
 NEAR THE I.H.O.P. MOTEL IS SET BACK FROM ROAD ATOP
 "MOUNTAIN". SWITCHBOARD PHONE IS (201)-627-8310.
 FROM WEST, MOTEL IS ABOUT 2 miles (roughly) past DOVER center.

C. U. THERE !!

DX - EAT - DRINK - GAB - TECH - ETC.

HILL ALISAUSKAS Jr. - Box 93 @ R.D. #1 - Lake Hopatcong, New Jersey - 07849
 Hi everybody! Since I'm on vacation (at long last, hi) and
 have a few items to mention, I figured I'd check in. Hopefully, I'll catch up my
 way-past-due correspondence, too!! So, to the DX since last time. 8/9- Finally a
 logging on very difficult WSTC-1400 6:05pm, and 8/29, WLXC-1050 7:45pm. On to
 September: 9/6- WTTT-1430 6:59pm s/off. 9/7- WKOX-1190 7pm s/off, also WCHN-970
 7:15 s/off. 9/8- WHIL-1430 7 s/off, then onto 9/19. WSYB-1380 6:53pm & WFAD-1490
 8:05pm completely above the jumble for a while. 9/25- WCFR-1480 6:55pm. 9/27-
 WILD-1090 finally @ 6:52pm and new (for me) WKEG-1110 7:26pm. 10/8- A little early
 AM stuff: CKSO-790 2:15am, WDEE-1500 along with someone else (?) @ 2:30, and on to
 1330 w/WTRK/WFBC holding forth @ 3:05am. On to 10/10- A little SRS DX being done
 while I'm on vacation (through 10/22). #ADS-600 7:05am - long a holdout here.
 10/12- Two more roughies in WVIP-1310 5pm and WNPV-1440 5:54pm. Last, 10/13, more
 early SRS - at 6:54am I noted someone all alone on 850 - I'ded @ 7 to be KCA - odd
 with the sun almost up. Then on to 1020 for a positive ID on WPEO, really close
 to even w/KDKA. They were carrying Mutual NX to 7:05, then into local NX after-
 wards. This seems to be a good time to catch 'em for anyone who needs 'em.
 Doubtless to say, the SRS & SSS are really two different worlds, hi! That's it
 for now - I hope to be back soon. 73.

MORRIS SORENSEN - God's Narrows, Manitoba

Well, here I am, back at God's Narrows, Man., 350 miles NNE of
 Winnipeg w/no cars, no television, no telephone, etc. At least we have new teach-
 ers' residences this year complete with running water - no more chopping through
 the ice at 40 below zero like we had to do last year, hi. Anyhow, on to DX. 9/12-
 CHAM-1280 Ont. @ 8:58pm, WNIC-1310 (ex-WKNR) Mich. @ 9:29, CKOY-1310 Ont. @ 9:33,
 9/14- CFRY-920 Man. @ 11:19pm. 9/28- KRVN-880 Neb. @ 11:51pm. 9/30- Finally my
 closest unheard, CBWG-1400 Gillam, Man. w/40w. @ over 100 miles, @ 8:08pm - see
 DDXD for details. WNBC-660 for the record @ 10:08pm. They are always very weak
 here if heard at all. MM 10/2- CMBC-690 Havana @ 11:58pm. SM 10/8- WERE-1300 @ 3
 am. CMKV-600 @ 3:09, CMW-590 @ 3:10. MM 10/9- KBRF-710 @ 3:04am; KPOK-1000 Okla.
 @ 3:12, WPHM-1380-TEST 1,380 miles, easy @ 3:16-3:30. CHML-900 Ont. @ 3:35; WKEN-
 570 @ 3:57, CFGO-1440 Ont. (ex-CKPM) @ 4, Verifications: KGFY-1060 KGGF-1310 WIND-
 560 CBR-1010 KMA-960 CFRY-920 & CBWG-1400 (via CBW). I was unable to get my HQ-
 150 on the plane so I'm DXing with a Westinghouse domestic table radio with the SM-
 2 and also my Allied "Astronaut 6" portable. I hope to have the HQ-150 up here
 later this season. 73.

RICHARD E. WOOD - Dep't. of Foreign Languages - L.S.U. - Baton Rouge, La. 70803

I recently hosted well-known Finnish DXer Jyrki K. Talvitis in
 my home for a week. We had some good DX, several Europeans including Tirana-1214
 Bice-1554 and tentative BR-1602. October is generally the best DX month in Fin-
 land and was also the month during which, in Hawaii, I heard six Europeans. Jyrki
 rather wished he were back in Finland trying for North Americans at the time. In-
 teresting plans are underway for DX in Finland this Winter: the Finns are just dis-
 covering the Beverage antenna and plan DXpeditions in mid-Winter to their Far
 North. Fascinating daylight Winter and late equinoctial reception of, not only
 Alaska and the West Coast, but inland locations like Arkansas and the East, too,
 offer potential reception of just about every NA station under the right CX. Here.
 Tirana-1214 seems more powerful now. I recommend the NRC Night Pattern Book to
 Finns and other European DXers, and wished I had had it when DXing from Hawaii.
 The MW NEWS recent index to North American reception in England since 1952 shows a
 rising number of U.S. daytimers, chiefly from Pa., Va., S.C. and similar Atlantic
 states, heard there. Interesting.

STEVE KENNEDY - 2766 Lyle Street - Sarasota, Florida - 33577

I guess it's time for my semi-annual Muse. First off an intro is
 in order for new members. Age here is 22, I've spent several years hacking away
 in small "one-horse" hillbilly radio stations, working to the bone, pulling an air
 shift, engineering, management, and sales. Well, I have given it up, at least for
 a career, for the green pastures of Law Enforcement. I might work radio as a side

line but I've pretty well decided to stay with my present employer, Sarasota County Sheriff's Department as a deputy. I have to work hours that ain't too nice for those who DX during Midnight to 8 a.m. - oh well. I purchased a Hallicrafters SX-130 RX last week, and I've spent some of my off-duty hours DXing. More on this later. Sometimes when DX is bad, I ride patrol with another deputy to kill the time. Some of you might remember, I had bad eyes, fixed 'em but good, thanks to modern medicine. Anyhoo, right now I'm using a 60' LW. I have plans for bukiding a BCB pre-selector, and a 3' box loop. I quit keeping a log, so I've decided the name of the DX game is QSLs. QSLs since 7/1/72: WPAS-1400 WJAX-930 WVOJ-1320, all Fla., WNOX-990 Tenn. WJBO-1150 Ia., WALG-1590 Ga., WPTF-680 N.C. Well, Christmas ain't too long away. I think I'm gonna get one of those scanner VHF RXes so I can monitor the office, local PD & FD, and Florida Highway Patrol. (No BCB DX ain't dead yet, never, ain't no way - BCB lives forever!) I'm going 10-3 (stop transmitting). 73s & DX & good Halloween. Don't let me find you scapin' windows!

The IRCA suggested we publish these DX Tips in DX NEWS:

- WEAQ-790, Box 1, Eau Claire, Wis. 54701. Kenneth Tetzloff, C.E. Tests every Wed. between 1 and 4 a.m. CLT, day and/or night patterns. They welcome calls during tests at 715-832-3463.
- WOOD-1300, 120 College Avenue S.E., Grand Rapids, Mich. 49502, Gerald Vander Sloom, C.E. Tests mostly every Monday morning, occasionally Tuesday mornings, usually 1:00-1:15 EST, with MoR music, and TTs.
- WCWC-1600, Ripon, Wis. 54971, Box 196, Paul Veleke, C.E. This station tests many Mondays between 3 and 6 a.m., E.L.T. TT and MoR album music. They also accept calls during tests at 414-748-5111.
- WAAM-1600, Ann Arbor, Mich. 48106, Box 1600. Christopher T. Olson, C.E. They are planning a PoP test in November as they start tuning their new 5,000w. seven-tower array. They are now operating under temporary authority at 250 watts, non-directional, fulltime. They'll then be 5,000 U-4.
- WWJ-950, Detroit, 48231, 622 West Lafayette Street, phone 313-222-2131. Leo Rymers C.E. They test the second and fourth Mondays between midnight and 5 a.m. EST w/TT. Mr. Rymers is a very co-operative man and a ready verifier.
- KDUZ-1260, Hutchinson, Minn. They'll be conducting PoP tests this Fall. They're reluctant to give any set sked.
- WQTC-1590, 1817 Washington Street, Two Rivers, Wis. 54241. Neil Swanson, C.E. This station tests most Mondays from 2 to 6 a.m. ELT with their 500w. auxiliary transmitter, with mostly TT and voice IDs. They too like to get DXer phone calls during tests, at 414-793-1348.
- WWIS-1260, Black River Falls, Wis., 54615, Box 427. Nelson Lent, C.E. They run a f/c on the first or second Wed. AM each month, 2:15-2:30 Eastern Time. They use TT and several voice IDs, and a PoP is in the offing.
- WCSR-1340, Hillsdale, Mich. 49201, 207 South Wert Avenue. They are erecting a new 280' tower and'll test it many mornings. James R. Seeley is their CE, & he's also CE for WIBM-1450, Jackson, Mich. A gentleman very friendly towards the DX hobby and its denizens.

(All the above is info from IRCA's Dave Faulkner)

FOR SALE: BC-221D Frequency Meter - military surplus freq. meter with built-in power supply. Excellant condition, \$70.; SM-1 Space Magnet, like new, \$30.; Norelco 101 Portable tape-cassette recorder, \$50. WRITE: HANK SLADE, c/o NRC HQ.

THE NEXT HUNDRED VERIE SIGNERS

570	W W N C	R. Herman, CE	E	1320	K L W N	A. Booth, M	D
580	K F T X	F. Novak, PD	D	1340	K C O Y	P. W. Cinnamon, CE	E
	K I K X	R. Turner, CE	D		K D L M	D. R. Olmstead	D
600	K T B B	D. Bothwell, GM	E		K R O S	M. Gideonsen, ExS	D
620	W E Q T	E. D. Greene, CE	E	1350	K C A R	W. Bishop, GM	D
660	W E S C	B. Hooper, PD	D		W P D R	K. A. Ebnetter	D
	K O W H	R. Dennis, CE	E		K T X J	G. Dodson, CE, M	D
680	W N F Y	R. G. Sharpe, CE	B		K R N T	J. W. Sneller, CE	E
730	W J M W	W. Mitchell, E	E		K C O R	M. Fiedler, CE	E
740	W V C H	T. H. Moffit	F		K K A M	S. Christie, A	E
790	C H I C	P. Firinginger, CE	B	1360	K X O L	R. Beattie	D
800	C J B Q	J. Buvhanan, CE	B	1380	C K M L	B. W. C. Marchand, VP, MD	B
790	K U L F	N. N. Sartain, CE	E		W W m K	Y. D. Greenlee, E	B
840	W M u O	B. R. G. Savell, CE	B		W Y N K	D. Besse	D
850	C J J C	J. E. Chesney, P, GM	C	1390	W F q M	J. F. A. Dieringer, CE	E
860	W O A Y	D. Moye	D		K N C K	W. D. Wilson, SM	E
870	K J I M	W. Davis	E	1400	K V O P	H. Smith, TD	D
900	K E Y N	B. Freeman, VP, GM	D	1410	K E r I	T. R. J. Beller, CE	E
	W E A S	M. W. Brower, E	E		K G R N	Ann Heathman, PD	E
920	K A r R	N. T. Snider, P	D		K A H L	D. E. Bnade, SM	E
910	W S U I	G. S. Klingler, PD	E	1420	K U L Y	Tex Smith, CE	CE
950	K A p T	N. R. Frazer, P, GM	C	1470	K L I B	R. Pasha, CE	C
	K W a T	W. Hunter, PD	D		K W R D	J. W. Dean, MngngPtnr	D
	K J R G	C. Weaver, CE	D		K W A Y	J. Talbott	D
	K F S A	J. W. Tucker	E		W Q q H	O. A. Colwell, E	D
	K D S X	K. Wilson, CE	E	1480	W A m D	R. J. Moran, NxD	G
	K J R	J. Pope, ASM	E	1490	W L C X	J. Rohrer, P	D
960	W S B T	R. Bell	D		K D O K	R. Morgan, CE	D
	K F V S	R. O. Hirsch, VP	E	1500	W T q P	N. C. Richardson, ACE	A
	W P p R	T. H. E. Hale	G	1510	K E M M	D. Nilkerson	D
970	K S Y L	T. Gates, AE	E	1520	K O L M	M. Hedstrom, CE	D
980	K I C A	W. Merryman, CE	E	1510	W A U K	R. Sawyer, CE	D
	W S I X	P. Ruhie, Radio M	E	1550	K C A D	J. Grant, CE	D
990	W V S C	H. Shivan, CE	F	1570	W S q V	E. R. Gabriel, CE	E
1000	W K p B	David L. Weil, M	H	1580	K A M I	Sherry Woodside	B
1010	K A W A	J. Galloway, CE	D		K T G R	K. Kenzie, ACE	D
1030	K C T A	J. R. Smity, CE	B		K L e O	U. D. Chimeno	D
1050	W C F M	S. T. D. Keith, CE	F	1590	K I r K	N. O. Dunagan Jr., GM	D
1090	W B q L	N. A. Hendrich, CE	D		W G O E	J. Grainger, VP, CE	F
1100	Z D q K	Ivor Bled, Exec D	A	1570	W P q E	P. R. A. Lyonais, CE	G
1140	K L P R	C. Davis, A	D				
1170	W V L C	H. B. Jones Jr., CE	A				
	K U A D	D. Bishop, A	D				
1190	W L p I	B. G. Greenfield, Su	G				
	W A q M	B. u/u	G				
1230	W N E B	W. A. Zukowski, CE	G				
	W E v R	I. C. Grande, VP, GM	G				
	K W q I	X. D. Womack, CE	D				
1260	K W F R	D. R. Wilson, CE	DE				
	W N S L	E. Breland, E	E				
1280	K S O K	S. C. Thompson, VP, GM	D				
	W O N W	G. R. Thayer, GM	E				
1250	K A L O	D. J. Philipps, CE	E				
1290	K S R C	R. R. Sparks, CE	C				
1300	K C N W	W. Davis, CE	E				
	K V r E	T. A. Kriegel, CE	D				
1310	K Z I P	J. Hathcock, GM	C				
	K D L S	S. Lucker, A	D				
	K I K S	B. D. Painter, CE	E				

C R E D I T S

A - unsigned
 B - J. Osborne
 C - J. Critchett
 D - C. Dabelstein
 E - E. Wesolowski
 F - W. Feidt
 G - R. Misco
 H - E. Cooper

Remember this column when you receive your verifications, and get out your latest ones, and list them, preferably in order, but definitely double-spaced, and send them in to your Musings Editor, along with, match, a Musing. Weed out those which have appeared in recent issues of this column. Be sure to list the column's code letters for type of verie, and position of the verie signer. Verify your DX catches, and have a living, vivid memento of every catch you have made, as was done by almost ALL in the recent past!