



DX News

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November 29, 1969

NUMBER 10

IN THIS ISSUE...

Exclusive European Band Status Report!



new members!

- *Larry O. Ballard, Box 367, West Columbia, S.C. 29167
- *Stanley Bernstein, 220-16 77 Ave., Bayside, N.Y. 11364
- *Carl Dabelstein, 1419 S. 54th, Omaha, Neb. 68106 (Welcome back!)
- *George B. Holland, Jr. c/o West End Federal Savings and Loan,
Box 8008, Albany, N.Y. 12203
- *Alan Macnaughton, 236 Guelph St., Kitchener, Ontario
- *Carter Scholz, 3 Somerset Rd., Tenafly, N.J. 07670
- *Mark Suddock, 1607 W. Cheryl Dr., Phoenix, Ariz. 85021
- *Rick Vitti, 48 Hoyt St., New Canaan, Conn. 06840

Welcome to the NRC, gentlemen, we hope to see your reports often here in the pages of DX NEWS. If anyone happens to live near one of our new members, why not give them a call and personally welcome them to the club? Now that we're into the DX season, we're picking up new members at a good rate - about 5 new members a week over the last few months! If you know any good prospects, send along their names to Ray Moore (address on back page) and he'll see that they receive sample copies of DX NEWS and full info on the NRC.

Mon December 8 KGAY 1430 Salem, Oregon 5 kw 0300-0500
IRCA test arranged by Randy Miltier;
reports to Al Gordon, PD, KGAY, Box 1430,
Salem, Oregon 97308

The results of the Transatlantic Listening Test are now all in and both DX conditions and the response were excellent! After a first check of the receptions reported from both sides of the Atlantic, it would seem that the Test night was generally much better than average - but not quite as unusual as say October 27th, for example. Some TA's were logged on the West Coast but no West Coasters made it to Europe. The reports from this test (the file is about two inches thick) have provided us with extremely interesting and important scientific data. Thanks to those who participated; the results are now being analyzed and a complete report on the TALT will appear here in DX NEWS in the future.

	khz		watts	A.M.-E.S.T. Info
Mon Dec 8	CBN 640	St.Johns, Newfoundland	10,000	12:01-2:00 NNRC
	8 WTTI 1530	Dalton, Georgia	10,000	1:00- NNRC
Mon Dec 15	WCVR 1320	Randolph, Vermont	1,000	1:00-2:00 NRC
	15 WHHO 1320	Hornell, New York	1,000	4:00-5:00 IRCA
	15 WNLC 1510	New London, Connecticut	5,000	4:30-5:30 NNRC
Thu Dec 18	CJON 930	St.Johns, Newfoundland	10,000	1:00-2:00 NNRC
	18 CJCN 680	Grand Falls, Nfld	10,000	2:30-8:00 NNRC
	18 CJOX 710	Grand Banks, Nfld	1,000	2:30-8:00 NNRC
Sun Dec 21	VOCM 590	St.Johns, Newfoundland	10,000	1:00- NNRC
	21 CFNB 550	Frederickton, N.B.	50,000	1:00- NNRC
Mon Dec 22	KXRB 1000	Sioux Falls, S.D.	10,000	1:30- NNRC
	22 KLIX 1310	Twin Falls, Idaho	5,000/1,000	2:40-4:30NNRC/IRCA
	22 WJWL 900	Georgetown, Delaware	1,000	12:01-1:00 NNRC
	22 KWJJ 1080	Portland, Orygun	10,000	3:01-4:00 NNRC
	22 WSAL 1230	Logansport, Indiana	1,000	3:30-4:00 RLA
	22 KCLR 1530	Ralls, Texas	1,000	4:00-4:30 RLA
****22****	1505	Anguilla, B.W.I.	500	4:00-5:30 NNRC
	22 KWVY 1470	Waverly, Iowa	1,000	4:30-5:00 RLA
	22 KEZU 920	Rapid City, S.D.	1,000	5:00-5:30 RLA
Thu Dec 25	CJRC 1150	Ottawa, Ontario	10,000	1:00-3:00 NNRC
Wed Dec 24	WNBF 1290	Binghamton, N.Y.	5,000	All Night NNRC
Mon Dec 29	WRYT 950	Boston, Mass.	5,000/500	All Night NRC
	29 HIMS 570	Santo Domingo, D.R.	1,000	4:00-4:30 NRC
Mon Jan 5	WKBR 1250	Manchester, N.H.	5,000	1:15-2:30 NNRC
Sun Jan 11	CBT 540	Grand Falls, Nfld	10,000	11:30(PM)- NNRC
Mon Jan 12	WJAG 780	Norfolk, Nebraska	1,000	1:10-3:30 NRC/IRCA
	12 WNXT 1260	Portsmouth, Ohio	5,000	2:00-2:15 NRC/NNRC

Notes:

CBN-640 Reports to Mr. B.M. Dawe, T.A. Bldg., Duckworth St., St. Johns, Nfld(John Tweedie, NNRC)

WTTI-1530 Reports to Mr. Benj. Cagle, Jr., WTTI, Rte 2, Rocky Face Georgia 30740(John Tweedie, NNRC)

As we go to press- A phone call from Bill Alisuskas of Haledon, N.J. who says, brand new WWLE-1170 Cornwall, N.Y. is on RS w/MOR, hrd 11/23

HEARD SINCE LAST ISSUE

720 K--- Reno, Nevada(NRC)1460 KMWX Ex-KIMA(NRC)

ON THE STATION'S STATIONERY

RADIO ANGUILLA ANGUILLA, W.I. 19th November 1969

Dear Mr. Cooper,

"I have recently received a letter from Mr. Alex Bowab enclosing a copy of DX NEWS, with the information that you were the editor.

You may like to tell your members that we are running a special transmission on December 22, commencing at 0500 LT(0900 GMT). There will be regular identifications during this time and I hope your members will be able to listen to us."-Yours truly(signed) W.E. Evans

So, NNRC "got there first" you might say, but no matter- they'll be on and there for the logging on 12/22, starting at 4:00 AM EST on 1505 khz!

We remind you that we have a 30 line limit for Musings-Double spaced.

Ernest R. Cooper
438 East 21st Brooklyn, N.Y. 11226

MUSINGS of the Members

DICK TRUAX- 5101 Tamarock Drive - Charleston, West Virginia - 25312

Not too much to report this time as I have done no DXing since last Muse due to moving. Please note new address above which will be in effect by the time this reaches print. Some items of possible interest observed during last month in Kentucky: CPs for Jenkins Ky. on 1000 and the tentative CP for Hindman, Ky. on 1560, Richmond, Ky. on 1110, and Berea, Ky. on 1500 are all NOT on as of 11/18. Also CP on 1080 for Hurricane, W.Va. is NOT on yet - this one is only ten miles from my new location so will be easily noticed when on. Sorry to be missing some of the DX Specials but I should be back in full scale operation by 11/27 to take advantage of most of the rest of the season. I will be close enough to Ironton to determine when WIRO runs its TEST. More in two weeks when I'll be back into action at the dials.

RAY T. DAVISSON - 207 Winchester Rd. - Apt. 105 - Akron, Ohio - 44313

Greetings! 11/17. How's the turkey leftovers, hi?

DX: 11/10- WGMF*-1500 N.Y. @ 12:03am tune-in to 12:16 s/off ETing o/u WJBK/WTOP mess, audible & loggable though; KNX*-1070 Cal. in w/fair to good signals, usual QRM from WIBC (?) @ 1:52am, w/all-nx format. 11/17- KSO*-1460 Iowa @ 12:47-12:59am s/off, in the clear as usual for a MM, KOA*-850 Col. w/WJW off for the second MM (only a few hours though) @ 1:03am, (How many hours ARE there, hi-ERC) WKSK-1600 NC @ 12:12-12:31am s/off, f/c, fair signals, KSTP*-1500 Minn. w/Hi @ 3:15, clear signals w/WTOP/WJBK off. A complete shock to hear KRDS-1190 Ariz. w/c/w @ 2:50. For 250w, their signal was amazing; not too much KLIF QRM. * denotes report sent. Veries: v/q- CJCA WDAF. v/1- WKCX w/CM, WLKR. v/PP- WEZJ WMPO (Ohio #61), v/f- CHAM. Total: 400. By the way, for a list of HI stations, drop in your nearest Holiday Inn & ask for a copy of their National Directory ("Passport"), which is free. The list is in the back of the booklet. I believe WHK-1420 Ohio's SP is the third MM of odd-numbered months, but I'll check w/ them. Will the new NRC LOG be the same size as the current DX NEWS? When will it be mailed- before 1/1/70? I really like the 1968 NRC LOG. Thanks for comments on the verifying "situation" Mr. Evans & Mr. Drake. When reporting your veries in the Musings, should we categorize them? i.e., v/1, v/q, etc.? (Sure, why not? -ERC) Several of us here in Northern Ohio haven't heard from Dave Schmidt in almost a year- what's happened to him? 73.

J. W. BRAUNER - R.D. 1 - Box 61 - Punxsatawney, Pa. - 15767

See what finally woke up! I'm still trying to add another new call & getting one now and then. Cx interesting, about average so far. New calls logged include July: WCCP-1560 S.C. ETs on 11th; KUAT-1550 ETs on 25th, WIXE-1190 N.C. RS @ 7:30pm on 28th. August: WYXI-1390 f/c 11:30pm on 5th; WTBQ-1110 N.Y. RS s/on @ 5:01 am on 29th. September: WNMT-1520 Ga. ET on 17th; WCVR-1320 Vt. well heard on TEST of 22nd. October: WTOY-910 Va. s/off at 5:45pm on 26th & WKEX-1430 Va. 6:30am on 10/31. November to date (and main reason for this report) WIOS-1480 Mich. f/c-TT w/IDs in code & voice 11/3 from 12:30 thru 12:45. Says f/c is every 1st Tuesday at that time.

4 Real freak reception (?? -ERC) on 11/5. Verie promptly from WCVR special, but nothing ever heard from KECK Test last spring. 73.

MIKE HARDESTER - 401 Birchwood Court - Modesto, Cal. - 95350

Recent veries: v/q- CBW-990 KFRB-900 WRVA-1140 PJB-800 CKOK-800 v/1- KXRB-1000 KOMW-680-TEST. v/pp- KNDK-1080. v/r- KFAR-660. Recent loggings include: 11/10-- KIKI-830 w/RR @ 6:35-6:58 w/poor signal & much WCCO QRM. KAIR-1490 w/MOR @ 5 w/good signal, no QRM. 11/16 AM- unID-890 w/opera and poor signal- much fading @ 3:24-3:58 - any ideas? Radio Peking w/JJ @ 5:35-6:13, good signal, little QRM as WHO off on 1040. 11/17 AM- JOHB-1090 w/fair signal, fading JJ talk & mx @ 4:31-5:10, Radio Moscow-1550 w/RR talk, fair signal & fading @ 5:15-6:00. CBR-1550 w/rr & soft mx @ 5:35-6:04 for dual log. KYAK-650 w/C&W @ 3:30-3:42 w/poor signal & KFI slop. When the FET Loop kits come out, I would like to know if anyone has the time to build me one. Anyone on the WC who can help me? Whatever happened to those filing boxes for DN NEWS that were mentioned about 4 months ago? One final question: Does anyone have a recent WSJC-810 verie or know how to get one? 73 & good DN.

ANTHONY C. MARKS - Box 521 - LaGrande, Orygun - 97850

I'm not much of a BCB DX'er yet, having spent most of my time on SW, but I have contributed some to IRCV, and may, at some time, feel I have news to offer and send it in. I don't even have a loop yet, but am waiting to hear more from NRC on this Loop Kit - I use my SW 90' LW w/my Realistic DX-15), and it works on real good nights for about a five or six state area, hey. I want to answer the letter from Mike Daniels of Webster Groves, Mo. I have been trying to catch KYAK of Anchorage for some time, but all I can get so far here is KHOW Denver or KIDO Boise, both on the same QRG.(frequency? - ERC) Maybe a loop will help me out there.(KYAK is on 650, the others on 630, Anthony - ERC) In other words the power raise hasn't aided me in any way at this time, but I'm still trying. It was good to see the name of someone from back in my old stomping grounds, hey, for I'm from Kirkwood, Mo., almost next door, but rivals. I graduated in '58, went to Tulsa to college, and then to the great state of Orygun. If there are any Kirkwood-area DXers, I'd like to hear from them and I'll write back - promise. 73 & DX luck. (Welcome to the NRC, Anthony, and we hope to hear from you frequently - please double-space, OK? -ERC)

KEN LYON - 9415 Goodrich Road - Clarence Ctr., N.Y. - 14032

Right now it is snowing like crazy & I expect quite a bit of snow on the ground by the morning. DX this week: 11/8- WEB0-1330 @ 4:30pm w/Ae nx until covered @ 4:42 by WRIE. 11/10- WBRG-1050 was not heard on TEST, only CHUM, were they on? WYSE-1560 not heard on TEST either, were they on?(no, they'll re-sked it -ERC) WQXI-790 on w/nx @ 4:05am. 11/12- WISL-1480 in good w/rr @ 6:30pm o/u WHBC. 11/15- WBHC-1270 hrd w/r/c-TT 12:30-12:45am, had phoenetic ID @ 12:35 Signal was vy weak. New veries this week include WHAK nice v/1 w/CM, WCMS for DX TEST v/1 & CM, & interesting booklet on station, WMID v/1 on back of a CM, & WIL sent a beautiful rate card, but unfortunately there is not any mention of a verification. Oh well. CU late!

5

BILL ALISAUJKAS JR. - 7 Avenue B - Haledon, N.J. - 07508

Hi all! (No-ERC) It's been a couple of weeks since last Muse so here's the latest from this end: 10/30- WTVN-610 o/u WIP, finally, @ 5:17pm. Then, a real surprise in CFCH-600 @ 5:30 atop freq. 11/15- WKCY-1300 @ 3:58pm fighting WKQW first, then WOSC; finally o/all @ about 4:15. Has anyone veried WKCY, before I waste the cost and time of another report? WKLR-1510 o/u WLAC @ 5:15pm s/off. Then a surprise in WILY-1210 u/WCAU @ 5:25. Really weird CX that night. KSTP had 1500 by 4:30 - never hrd regularly. 1540 had only KXEL & who knows, what s/off earlier - I probably could've used 'em. Also who s/off-790 @ 5:00pm w/FM on 92.5, WSWG? On 11/16- WAVE 970 2:48am o/u WWSW, WJRZ off, WCUM-1230 2:55am atop, & a real surprise in CJOC-1220 3:00am way o/CHSC. Also after 3:00, WHOT-1330 unn atop whomever else was on. Up to Pa. 11/16 & these hrd: WCVR-1320 @ 4:27 "WCVR Nx Final" & also WKCY-1300 @ 4:30 but much worse than here. No sign of WFBR here. Total loggings now up to 965 here. I hope I can hit 1000 this season. I guess thats about it. I hope to be able to answer all letters and tapes that are due very shortly; hopefully this week. My apologies in the delay. Thats about it - take care, and best DX! 73 (Done yet?-ERC)

ROSS HANSCHE - Dora Court #4 - Lake Street - Tavares, Fla - 32778

Hardly rested up from Colo. and we're in Fla. for the month of December; back in Wisc. New Years Day so we don't miss the beautiful winter. I would like to have any visitors who might get near Tavares. Dora Canal Court is on Lake Street just S. of Main, 1 block off Highway #19. The new Drake SPR-4 rx interests me & I hope to hear one somewhere in Fla. If anyone knows more about it than the ad in November QST, I would like to hear from you. Cx have not been too good to Europe since 11/1 for Bill Bartels and me. We've been listening to LA's and taped Surinam-725 11/15 from 8:00pm-10:30 s/off w/anthem for country #42, S-9 at times with a bit of blasting from WGN's hockey anncr. when sig down. 11/16- 6:52pm 1608 khz sounded like USA mx & dee-jay but I could not stick around to ID, maybe local phono oscillator having fun; anybody else hear it? MM 11/17 not vy productive. KORL good @ 2:30 but no sign of KYAK, no 1300 NRC special WMVO @ 3:00. I fell asleep but alarm woke me @ 4:59 for Loafed-on ZBVI, #43, s/on 5:00am w/good signal from British Virgins(Oh? -ERC) on 780 then looked at 755 and 1178 but nothing that-a-way. v/q from WGSM & tapes sent to SRS & ZBVI. WLDS-1180 Ill. is vy strong here in Marathon country with their PSA 7:00am s/on & looks like WGN has switched there SP from Tuesday to MM, 73.

RICHARD T. EDDIE - 152 West Rose Avenue - St. Louis, Mo - 63119

Special welcome to the new Mo. members and especially Charles Wehking and all other new members. Latest DX: MM 11/17- KIKS-1310 La. 1:01-1:15am unn but on w/r/c; WNKY-1480 Ky. unn w/r/c; 6 new stations this MM. WGN-1340 Tenn. @ 1:20am; WSLV-1520 Tenn. w/r/c tune in 1:33 to end of test @ 1:36; KCBS-740 Calif. 2:30-2:46; WDOL-1470 Ga. w/ET tune in 2:56-3:11 tune out, not on list; WTPR-710 Tenn. w/r/c; WGBS-710 Fla 4:00am. No go on TESTs. No go



Telephone Tip No.: 212-582-0844. All times in DX News are Eastern Standard Time.
All reporters: Please use 8 1/2 x 11 paper, one side only, or postcard. Reports do not have to be in frequency sequence; we sort them here. Please be sure that all information is correctly and legibly written. Double spacing is a reporter's option. Otherwise, it would greatly help if you indicate our format. Thank you.

- 29 Algeria. R.T.A., Ain Beida in weakly at 1040 w/chanting and talking. First time hrd with positive signal here in Fla. Gave up trying to tape this one at s/off for library, just too weak. Hrd 11/15. (Conrad, Gaines City, Fla.)
- 530 Japan. Intermittent weak audio, apparently Japanese hrd approx 0200-0300 11/14, NHK time signal at 0300. No copy possible but this is the first audio ever hrd below the 540 channel. I checked here after noting freakish early reception of JOIB on 750. Does anyone know power yet of the experimental station on this channel? (Freeman, Calif.) (This must be the station JO8AD in Morioka City, occasionally hrd UCNA. No info on power here, Clarence. Incidentally, Clarence notes his desire that the Priority EM list of frequency limitations be expanded to include the 520-530 range to include the monitoring of these open channels. To which your Editor heartily concurs.)
- 548 West Germany. Recent Edmunds logging is here, not in DXR. H/W/IDXD. (Good)
- 550 Venezuela. YV5J, St. Tomé de Gayana in fair 0616 11/8, QRM de WGR. Had YL ancr w/YL singers; women's pgm? Reported. (Cliff Reno, Conn.)
- 595 unID LA. SS talk 11/20 0115-maybe moonwalk coverage. (Hauser, Okla.)
- 605 unID LA. SS moonwalk coverage 0125 11/20. (Hauser, Ok.)
- 606 1/2 Mexico? Probably another spur. 2300 11/11 Mexico mentioned; distorted sound against 610, CST TC's during following hour; s/off 0002 11/12, off 0002, but unreadable. (Hauser, Ok.)
- 611 Morocco. Good signal w/Arabic mx 1840 11/7. (Kane-Fox, Saugus Mass at WRYD)
- 645 Hong Kong. Where is Radio Hong Kong now? Hrd here often during August, but not since. (Bundy, Truk, E.C.I.) (English or Chinese Svce, Bob? They have been expanding their outlets, perhaps now on 545 or 1050 if EE svce-Ed.)
- 650 Hawaii. KORL good 11/17 from 0230 to 0238 ID, no sign of KYAK. (Hansch,Wisc) (Welcome to IDXD, Ross. Read and weep, following items, hi-Ed) KORL Hawaii at 0355 MM 11/17 w/oldies, 0400 TC, ID and "Pacific News"; SAH later developed into KYAK. (Hauser, Okla.) KORL Hawaii peaked at s-8 for several periods 0330 and later on 11/17, never this strong all last season, had the type of mx one would expect on FM. Had hoped these cx would provide Tonga reception on 1020 but no such luck. (Starr, Ohio)
- ** 650 Alaska. KYAK Anchorage MM 11/17 C&W mx 0416, Alaskan ST TC, "Country Giant" and ancr revealing "it's cold outside", heavy 3 1/2 Hz SAH unless KORL looped out; 0417 "Green, Green Grass of Home", 0419 ad mentioning Cordova, was all over KORL at 0420. (Hauser, Okla.) Excellent cx from west AM of 11/17 and EE newscast noted o/u a very strong KORL 0428. I can hear a very definite "weatherman (weathermap?) for Anchorage and vicinity..." on tape. Awful noise level kinda put a damper on the fun; had been parked on 650 most of the morning. Only readable speech was as above, then that #*%\$%\$ SS signed on at 0430:20 and ruined everything. Given another MM with good western signals like this, and no noise, everyone should have Alaska in their log. (Starr, Youngstown, Ohio) Hawaii/Alaska. With KFI splash determining the loop position, So. Calif. DXers have a new way of determining relative strengths of signal paths: KORL vs KYAK vs WSM. MM 11/17 was KORL over KYAK, SM 11/16 was KYAK over KORL leaving the most often dominant WSM out of the running both nights. From Newport Beach area, loop angle gives all 3 an equal break. Some nights, like 11/20, it's only noise. (Murley, Cal)
- 650 Nibi-Nibi. NIBI hrd 0000-0030 11/18 tnx to tip from Efram Glotz. Pgm of typical Nibiese mx, wx and sailing rpts. Nx at 0025 w/itcm about protest demonstration against planes flying over Nibi-Nibi carrying portable towers to Botswana. (It's about time somebody protested that!) S/off format began at 0028, IS sound of falling coconuts, anct: This is NIBI, Number One Broad (continued)
- Castis, Inc., the voice of Nibi-Nibi. Portions of the preceding program were substituted by the Central Intel (buzzzzzz-loud jamming sound) After jamming stopped, hrd the opening bars of the Nibiese anthem and carrier cut at 0030 leaving clear channel, sort of. (Tom Davis, Porkersville, Ohio) (Gee, Dave er, Tom, your letter was postmarked Leominster, Mass, was that your portable DF site, hi? Incidentally, this is the first report we've had on this stn since your original report in DX News on international page 1, 11/29/58-Ed.)
- 655 No. Korea. Pyongyang in like a rock again MM 11/17 despite absence of any other TP's except Okinawa. Must be using Superpower. First noted 0410 with man/woman talk, bits of mx, still steady at 0600 recheck, 0624 1/2 YSS cut on a setback (carrier on?-Ed.) but Korean peaked again w/mx at 0740. (Hauser, Ok)
- 660 New Zealand. 2YC believed the badly distorted EE 0502-0503 11/17, looped right, but no logging. Noted several minutes of continuous talk starting about 0404. Could someone provide info on whether 2YC skeds news at 0403 rather than 0400 like other Zedders (used to)? This might help IDing vs. KFAR on nights when WNBC/XERPM in well enough to eliminate DFing easily. (Murley, Cal.) (Why the distorted audio, Jay? Path disturbance?-Ed.)
- 665 Portugal. Lisboa, PP talk 11/20 0139. (Hauser, Ok.)
- 666 Mexico. "that Mexican sound" distorted, also suffering from WMAQ splash, 0030 11/13. (Hauser, Ok.)
- 670 Colombia. Hrd 11/10 0516-0528, fair w/man/woman in SS, several cmcl mentions of Colombia, loop bearing agrees. No sign of Cuba. HJNX listed. (Don Kenney)
- 680 Mexico. Looking for CP34, expecting WAPA, got a loop bearing in between along with ID sounding like XEMK but probably wasn't. Lots of splash from XETRA, hrd 11/10. (Don Kenney, Santa Monica, Calif.)
- 690 Cuba. CMBC Havana exc sigs along w/590-630-640-670 outlets MM 11/10 from 0215 on. (Cliff Reno, Conn.)
- 719 Portugal. Norte. New xmtr powerful at s/on with long IS at 0000 11/9, then into Portuguese. (Kane-Fox at WRYT xmtr, Saugus, Mass)
- 725 Ecuador. HCFA2, Radi: Guayaquil, 0615 request mx 11/17, for listeners in Guayaquil area. Folk mx, very good, Pyongyang up on fades. (Wood, Hawaii)
- 725 Surinam. SRS at 0420 11/17 in Javanese (not Indonesian) very good. (Wood, Hawaii) (note, Father Jack-Ed.) Paramaribo was powerful MM 11/17 with Radio SRS ID in passing, probably in Hindi. (Hauser, Ok.) (See Wood report, above. Who sez NRC doesn't give good service, hi) (Oops, Hauser time was 0426-Ed.)
- Surinam hrd 11/15 from 2000 to 2230 s/off w/anthem, s-9 at times with hash from WGN hockey announcer on fades. Variety of mostly wild music with ancts far apart, and in Dutch, I guess. "Paramaribo" understandable several times. Country # 42 here. (Ross Hansch, Madison, Wisc) **Just a frustrating passing note.** SRS with long Wagnerian opera 11/16 to 2230 s/off, signal a solid 40 over s-9 with one fade - exactly at ID and s/off! **I listened for 40 solid minutes to tape that s/off for library!** Was completely unreadable for 20 seconds - during s/off anct - then back to 40 over 9 and carrier cut. Even Murphy shouldn't be that bad! (Conrad, Fla) (now you're a DXer, hi -ed.) Station here with EE religious pgmg giving QTH for booklets as Box 111, Pasadena Cal. 1846-1905 11/16, assumed TGN but not needed. (Reno, Conn) (No, this is in fact SRS; the pgm is "The World Tomorrow" with Herb W. Armstrong; TGN apparently is all SS. Bugaj can tell you about the confusion this pgm caused him when he thought he had Arabia-723 a couple seasons ago, hi-Ed)
- 730 Guatemala. Radio Cultural strong MM 11/17 0613 w/Indian kids hymning, lang ancts, but Apt. 601 address recognizable. 0614 SS ID and more of the same. (Hauser, Ok.) (To Reno, I should append my statement about TGN in SS to be during the time of your reception, in the evening-Ed.)
- 730 Colombia. HJCU, Radio Tricolor. Fair 0400 11/10 finishing a song and giving full ID, back into Latin mx 0401. (Kenney, Calif) (Objio, Dom. Rep.)
- ** 750 Dominican Rep. Radio Libertad, HI--, Santiago, moved to this freq from 1330.
- 750 Japan. JOIB, Sapporo must have been the strong Japanese hrd 11/14 under vy unusual cx. USB was above average strength, but nulling them produced EE lessons in NHK form at 0120. This is an hour earlier than normal reception of the first Japanese signals, even in midwinter. This is 3:20 pm in Japan. Moreover, there was no sign of KFQD which should have been the station there

at that time. Occasional traces of a third stn had LA music, presumably YNX. Station was in and out with growing strength, JJ pgmg 0200-0220 and then GG lessons. Apparently there was a very sharp edge to the absorption belt which took out KFQD and let JOIB thru, even though the path was only a little farther south. I suspect this is a low-band phenomenon. (Freeman, Cal.)

764 Senegal. **Dakar at very fine level 0220 tune in 10/17 with man talking in FF.** (is 10/17 or 11/17, Don?-Ed.) Faded completely by 0230. Partly readable despite semi-local KFMB-60 (In accordance to the Goshpel acc GPN it IS a lot easier to get rid of a 50kW local than a 5 kW semi-local 90 miles away.) (Kenney, Cal.) (Yes, due to ease of nulling solely GW signal from a local; you have both GW and Skywave return from semilocal; can't null both at the same time. Unless you turn off radio. That's MY solution, hi-Ed.) Dakar noted with good audio for first time this season. In FF on 11/17 around 0145 w/deep fading. Prior to this morning even a carrier had not been noted ever since TALT listening session 11/8. (Freeman, north Calif.) Dakar noted w/Arab singing in FF 0103 11/20 but WJR splash. (Hauser, Okla.)

770 Dominican Rep. **Radio Tamboril, Peña, moved to this freq from 760.** (Objio, DR)

771 Costa Rica. **Radio City, TIW 11/12 0003 US and LA pops, same 10-second spot with CST TC between each selection, 0031 ID.** (Hauser, Ok.)

780 British Virgin Islands. **ZBVI hrd 11/15 w/choral mx 1/26-1728 ID, then EE pop mx till wx forecast in SS and EE at 1/35. Fair signal but quite fady over/under WBBM. Was also noted 11/16 1745-1805 w/EE pop mx, consistently over WBBM and without fading. ID at 1805 followed by "Sunday Night at the Met", a pgm of classical mx. Had channel all to itself 11/16 until lost to a local SCR light-dimmer. (DeLorenzo, Mass.) Heard ZBVI for Country #52 w/ pop mx and IDs 1/30 11/15, tnx to tip from Marc. (Kane, Mass.) Heard ZBVI at s/on 11/1/ 0500 for Country #43, many dedications in the first few minutes, at 0506 female vocalist "A Mother like Mine", then time anned as "6:08 and 30 seconds". (Hansch, Wisc.) ZBVI heard with s/on message heavily QRMed 0459 MM 11/17. (Hauser, Okla.)**

800 unID. Hrd 0200 11/10, ID as "Radio Trans-Musical", SS in major format, MoR and cl mx. (Reno, Conn.) (Radio Transmundial, PJB in clever disguise, hi-Ed)

800 Alaska. **KINY Juneau w/local nx headlines, even with CKOK Penticton, BC, at 0300 and s/off 0301. CKLW looped after XELO 0259 s/off. Couldn't fix unID between 0303 CKOK s/off and PJB 0304 s/on, but guesswork offers nice pipedreams. Wish PJB's morning man would oversleep next week. Hrd 11/17 (Murley)**

809 England. **BBC Crowborough very strong in FF 1832 11/17 (Kane-Fox, Mass)**

810 Mexico. **XERSV Cd. Oregon noted 2025-2035 11/9 with Russian folk mx, a variety of Radio Variedades IDs (jingles) and Coca-Cola cmcls as well as ads for a number of other things. Good signal; KGO looped of course. (Kenney, Cal)**

815 Egypt. **Batra at 1805 11/15 with woman singing, very good level, some Andorra QRM. New Country here. Best African signal ever noted in Florida until 1815 when began fading badly. (Conrad, Fla.)**

820 unID. A Latin American here 0404 11/17 with East Indian sounding mx, loop appx 100° (right down Greater Antilles and maybe extreme Northeast So Amer) and soon faded, replaced with another SS, CA or Colombia bearing. (Kenney, Cal.) (Almost ceratinly was Surinam, Radio Apintie I believe it is-Ed.)

830 Dominican Rep. **Radio HIJB, Santo Domingo usually operates AN on Friday nite to Saturday (only one night in the week), an opportunity for logging (Objio, DR)**

830 Colombia. **HJDM Medellin a regular here, completely took over WNYC which is normally hrd local strength, 1851 11/16. (Reno, Conn)**

835 China. **Nanchang has been one of the 2 best TP's, far exceeding 1178, night after night prior to 0600 or 0630. NE DXers should be able to null WCCO and log this easier than VoA-1178 on TP openings to ECNA. 835 was even with 1046 and readable on a "budget rcvr" from 0505 11/18. (Murley, Cal) (Evidently the very slight difference in Latitude, over Alaska, between paths to WCNA and ECNA from China is enough to completely obviate reception cw, under normal cx. It would seem the Auroral belt is sharply bounded, somewhere over Alaska, well enough to set a definite Easternmost limit to TP reception in the USA. Freeman's report of JOIB and KFQD, this issue, concerns this idea. Simultaneous TP reception reports, across the USA, could help resolve this idea -Ed.)**

unID. A carrier here nearly every morning. Considerably weaker than Nanchang-835 and no audio so far. Definite Far East bearing. I assume that this is Thailand. (Kenney, Calif.) (This is listed in the current EI as "Khan Kaen" (twice, p.76, 1/10 issue), however, is correctly spelled as "Khon Kaen". Nonetheless, it had originally been reported a couple years ago as being in Sakon Nakhon, 100 miles to the northeast..perhaps "T.X. Thrush can clarify this location; no one else seems to know for sure-Ed.)

854 Peru. **Noted 2303 11/14 and a number of other times. Good DF for Lima. Modulation much improved over previous years. Plays a lot of classical mx. If only they verified... (Kenney, Cal)**

855 N.W.I. **PJC2, Willemstad, Curaçao, Radio Curom 0535 11/17 bouncy organ mx, 0538 YL anct in Dutch. (Hauser, Ok.)**

870 Ecuador. **HCMY2, Radio Cristal, Guayaquil 0545 11/16 TCs, tropical mx, thru OC from MWL. (Hauser) Radio Cristal about even with Cuban, separable, at 0230 11/16. (Reynolds, Mo.)**

894 Canary Is. **Hrd 11/10 and 11/12 during "aurora" week from 1830 to 1900 s/off with fair/good signal level at times. (Grant, Mass.)**

900 Alaska. **Very weak EE signal MM 11/17 0423-0430 w/CHML looped. Spot read by man 0423 and 0424 hrd a spot with a female vocal jingle. Both were tough copy but latter seemed to be for a wine. Light cl mx. Sound like KFRB? Perhaps a spur? Hopeless garble after 0430 due to a weak SS. (Reynolds, Mo) (Very likely, technically, note that KYAK was well hrd that exact time -Ed.)**

900 Colombia. **A number of SS stations under CJVI OC with CHML looped 0345 11/17, dominant s/n looped toward Colombia and ment. Colombia in an ad, HJEY listed as Cali here. (Kenney, Cal.)**

870 Hawaii. **KPWA Hilo noted w/nx and pop mx under KCHV 0305-0400 11/13. Apparently still relaying KGMB although there is Hilo wx and local ID after hourly newscast. (Kenney, Calif.)**

890 unID. To HAUSER: It is a Cuban here. Have hrd ID for "Territorio Libre", don't really care which one, cf. 11/15 DX News. Cubans don't locally ID for the most part, don't even try to stay on frequency, almost impossible verifiers. Also, have noted at least 5 signals around 1140 for WQEA. (Conrad)

1011 Panama. **HOU44 Radio Reloj ID, TC, YL vocal 0430 MM 11/17. (Hauser)**

1020 China. Tentative, w/KDKA weaker than 1040 but hardly //. Relieved to be in Korean, tho I hrd pips at 0630 but not taped. Looped correctly 0655-0630, 11/15, lack of knowledge of lang prevented ID/logging. (Murley, Cal.)

1025 Uzbek SSR. **Tashkent 1100 11/12 local IS, Tashkent ID, into Uzbek nx, good, country sig. (Wood, Hawaii) (A good round number, hi-Ed.)**

1024 Torontal. **Parede, finally got some clear PP talk w/M&W 0208 11/20, then mx, also music earlier at 0131. (Hauser, Okla.)**

1040 Colombia. **Radio Tropical, HJFV, Barranquilla loud and clear w/complete ID at 0330 SM 11/16. (Reynolds, Mo.)**

1040 China. **Japanese svco dominant on channel, same male/female ancrs with talk and Japanese mx 0500-0630 11/16 with WHO silent. A 2nd TP looped far east, deeper fades, unidentifiable in unk. lang, was even with a SS under Peking w/KIWH looped. Peking, like 835, should be possible occasionally in ECNA, I would say easier than 1178 to 0600 or 0830, if only due to JJ mx. (Murley) (Of course this holds true only on SM's w/WHO off, and before LA s/ons-Ed.)**

China. **With JJ pgmg 0535-0613 on SM 11/16, signal strength good, fades were deep, lasting an average of 90 seconds. WHO silent and little static until 0613 when further monitoring became impossible. (Hardester, Cal.) (Why, what happened? Did the FBI knock your door down, hi? -Ed.)**

1061 Portugal. **Norte, also definite PP talk 11/20 0235. (Hauser, Okie)**

1077 Dom. Rep. **To DANGERFIELD IDxL 11/8: The only Dominican stn that can be hrd here (this freq) is Radio Programas Quisqueya, or RPQ for short, as they announce it. They are usually off freq due to a defective crystal. There is no Radio Caribe in this country, the only stn with this name is in Willemstad, Curaçao on 1100 kHz. (Objio, Dom. Rep.)**

1090 Japan. **JOHB, Sendai with JJ talk and mx, men or women singing, fades were shallow and lasted about 60 seconds each. Interference from an unID EE stn under JOHB w/rock mx. One pip noted at 0501. Logged 0431-0510 11/17. (Hardester)**

- 1124 Libya. Per GPN this is a new megawatt Libyan testing. (p.23, DKN 11/15) In various languages. Country #51 for ~~me~~ and more info should come from tape. (AK) unID. High powered Arab has parked on this freq, from 1830 tune-in to past 1900 on 11/14 and 11/15, typical Arab p.p.s. (Orant, Mass.)
- 1130 India. AIR noted 11/15 at s/on at 0830, preceded by IS for 2 mins. Considerable QRM from JOQR at 0830, steadily decreased until AIR s/off at 1006. Deep fade was severe at first and became shallow and end of xmsn. Xmtr had technical problems at 0856 with poor modulation, which was soon corrected. This is the SE Asia svce in EE // 15335, S/off anct said said that they are also on 1745-2000, making a possibility for the EC? (Bob Bundy, Truk) (No chance as long as they remain on 1130, a split channel would be possible-Ed.)
- 1130 Japan. JOQR is here as AIR's chief opponent at 0830, they have language lesson in EE 0830-0900; use an instrumental version of "Old MacDonald had a Farm" as an IS. (Bundy, Truk, ECI)
- 1140 Haiti. Radio Caraïbes, Port-au-Prince hrd w/FF songs, ID at 2025 11/10. (Objio)
- 1148 Colombia. Ondas del Rio, Magangue, HJNH IDing on this freq at 2010 11/10 w/pop mx, separable w/loop from Haiti-1146 easily as they are in different directions. (Objio, Dom. Rep.)
- 1167.8 unID. Someone here playing LA mx with ID between each selection that was always the same. "Esta es...revolucionario..." Must have hrd 50 of them. Could be Cuba, but don't think so. Sounded like a YV or a HJ, hrd all eve 11/16. Strong signal and all selections were vy quiet mx. All Vocals and speech was all SS. (Conrad, Fla.)
- 1169 unID. Hrd MM 11/17 appx 0115, in for 3 minutes, faded like a TA altho was strong for a while, ID seemed to be "Radio Three" and bad QRM from KV00 on non-selective rx. Reminiscent of old pirate stns. (Vin Cavaseno, KY) (?-Ed)
- 1172 unID. 2300 11/16 very strong OC, no modulation at all, stronger than 1170 or 1175, looped N-S. (Conrad, Fla.) (Be careful of Local Osc radiation from neighbor's BC sets, tuned to locals 455 kc lower-maybe a neighbor tuned to WGBS perhaps? How stable was the carrier? Occasionally you can hear the audio of the listened-to station (e.g., WGBS here) on the LO carrier -Ed.)
- 1178 Okinawa. VoA traces before LSR MM 11/17, but KK audio appeared after 0630 and didn't stay long. (Hauser, Okla.)
- 1192 Cuba. Perhaps CMJP Ciego de Ávila from 1190, reported drifting, MM 11/17 0527 "información-noticias", 2 men and "code" and items about USSR and Cuba. (Hauser, Ok.)
- 1196 Morocco. The 20 kW outlet here, reported in IDXD, 11/16 from 1745 to 1800 s/off with chanting. Sounded more like my Siamese cat! Mostly was completely atop channel with some VoA interference. Bad buzz too. No way to mistake these two. Very good level with only minor fading. VoA Munich immediately dominant with light cl mx at 1800, exc level and good audio after Moroccan s/off. (Conrad, Fla.)
- 1200 Dom. Rep. HIDV, Radio Santa María ID in passing 0437 11/17, mx (Hauser)
- 1203 Costa Rica. TIQ, Puerto Limón. Very weak 0000-0025 11/7. The only recognizable characteristic was the chimes. They haven't even been that good since. (Kenney, Calif)
- 1205 France. ORTF FF talk 0206 11/20. (Hauser, Ok)
- 1205 Sierra Leone? Who else? Carrier maybe 3db above noise at 0215 11/17, perhaps they were better earlier. Solid DF. 0215 must be very close to E-20 time. (Don Kenney, Cal.) TA signals from Sierra Leone have been generally strongest when anything is coming in here but it is carrier only, with just traces of uncopiable audio. Loop says Africa. However in the 10/27 opening, there was some distorted audio, 2 signals, with the modulation seemingly from Bordeaux. Does Sierra Leone seem badly under-modulated to EC listeners? Has anyone been getting veries from SLBS? (One, just this issue reported, as a rule they seem to have quit verifying-Ed.) My last year's report and f/up is unanswered. (Freeman, Calif.)
- 1215 unID. Several LA's here. 0252-0302 10/17. Weak "Radio Nacional, de ---" and. Only listing is for Radio Nacional in Brasilia but s/or time is listed as 0300 so probably an IDing mistake on my part. Dominant stn at 0300 led into a 1 minute newscast with "Noticias, noticias, noticias..." and one of the 2 items was datelined Montevideo. Termination just like lead-in. Most interesting. Any ideas? Lots of KZ00 QRM in JJ. (Kenney, Cal.)
- 1216 unID. Radio One was the best European signal, with several good IDs, curin, the 11/27 opening. No interference from Tirana. BBC readable on several of those propagationally good evenings the end of Oct. (Freeman, Cal)
- 1220 Marshall Is. AFRS Kwajalein. Found this one at exc level 0315 11/17 with an ancient Western drama, quickly faded tho. In and out until 0400 when ID as American Forces Radio and TV Service (all AFRTS now call themselves this, instead of Armed Forces-Ed.) and went into news broadcast. Very deep fades, and no QRM whatsoever. (Kenney, Calif.) (Was hrd WCNA a couple years ago, and verified properly. Wonder who listens to them, tho, hi-Ed.)
- 1240 unID. Well audible but couldn't fix ID due to splatter. Also appeared to be a jammer over it, unless Orange County has sprouted some new line noise. (Could be a reversal of R.M.'s USSR CC service over ~~Amper~~ (9/7 IDXD) but lang. not lped under KQIL splash and buzz-saw. Hrd ~~0530~~ 0530 11/16. (Murley, Cal)
- 1272 unID LA. Playing cl mx 11/16, male annr at 2240 and on. Signal was good but too much splatter. Looped very far to east for a LA, appx 110°. No idea at all on this one. Looped much as PJD2-St. Maarten does from here. (Conrad, Fla)
- 1295 unID TA. Carrier from NE 0224 11/20. (Hauser, Okla)
- 1300 CROU Cuba. Radio Nacional, Colón, per M.S., Cuban talk and TC's 0440 MM 11/17. (Hauser, Ok.)
- 1300 Colombia. Item in 11/15 IDXD listed HJSA is not Venezuela, hi-Ed. Unless it should be listed YVSA. Unfortunately I don't know which it is, just now.
- 1300 Venezuela. Radio los Llanos, YVOV, Calabozo, hrd for the first time on 11/17 at 1730 w/pop mx and ads. (Objio, D.Rep.)
- 1300 Spain/Canary I. Talk, perhaps SS, from ENE/NE, 0145 11/20, Spanish mx at 1247. (Hauser, Ok.)
- 1300 St. Pierre? (out of seq, my error-Ed.) Someone here in FF 0140-0204 11/19, apparently were on w/Apollo XII moonwalk. Deep fades every 90-120 sec but peaks were fairl strong. There was a strong SS stn just below them causing a terrific a/c, making readability impossible at times. Loop centered between 01-049. At first I thought this was Lille, but when carrier was cut at 0204:30 (about 15 minutes after Apollo XII landed) I figured this could be France. Was St. Pierre on late for Apollo? Do they verify? I have a hope if it could help. (Gary Garber, Meb.) (Could be, Marv, certainly seems a good possibility. Not probably from the TI. St. Pierre used to verify by a double font on plain paper; no one has reported them the last couple of seasons. European monitors measured them within a couple cycles of 1375 so perhaps the TI is on the low side, causing the het. It's worth a tentative)
- 1300 Albania. Tirana overcame strong, w/woman in unID lang but with jamming noise at 1700 11/7. (Rand-Fox, Mass)
- 1300 Borneo and Guam. BBC relay, Masiran Island one of the strongest signals on the land from 1215 or so until LSS. On the other hand, the 701 has never been heard here. (Bob Bundy, Truk, E. Caroline Is.)
- 1310 unID. (to CONRAD) Right now, Radio tricolor, HIAE is on 1410, perhaps it was on 1410 at the time of your station there, but I have never hrd it on 1410. Perhaps another station? (Objio, D.Rep.)
- 1310 unID. The Hule TB station was in nicely during 10/27 opening, best audio yet, less, but some cop, possible throughout the evening in spite of the noise splash. This stn is the best check of high-latitude paths for WCNA ever; see if you can't hear here. You can check the path via loop if you want a double check on any carrier, but no other stations ever noted on 1227. Hule always seems to be there if any Europeans are in; African paths, however, can be open without Hule being heard. (Freeman, Calif.)
- 1310 Monaco. France? (where meters are, right?) "Monaco" or ganish mx 0147 11/20 (Hauser, Ok.) (Others, generally, have rationalized this, along with other examples, as a means of boosting country totals without undue strain. The

xmtrs are indeed in French territory but I believe very few people get much fun out of hearing a station IDing as Monaco and logging it as France, when 17 other French stations may be likewise logged, but none from Monaco. This thinking would imply that loggings of WNEW-1130, WSLT-1520 and WCAU-1210 all would be counted as New Jersey. (This was an illustration.) I believe very few DXers are prepared to do so. If you want to initiate a change however, it won't be necessary to bother with a Constitutional Amendment...just send a Musing to ERC and see if anyone else is in favor. If we have a change in sentiment to counting 3AM2 as France, we will amend the NRC Country List, Ed.)

- 1505 Anguilla. "The voice of Anguilla" heard IDing with this name for the first time on 11/4 at 1930, pop mx pgm. At last I can say this is my country #51. (Cesar Objio, Dom. Rep.)
- 1515 Dom. Rep. HIBL, Radio Pueblo, Santo Domingo, FM 11/17 0555 Dominican ad, music. (Hauser, Col.)
- 1540 Bahamas. ZNS way o/WPTR-KXEL w/quiz pgm and ad for Bahama Airways to Miami, ID at 1757 11/16, unkn. (Reno, Conn.)
- 1550 Australia. 4QD was at best level ever noted with ABC news at 0400 11/17. A beautiful signal, but no Aussies higher up the band were spotted. (Freeman, Cal)
- 1550 Asiatic RSFSR. Russian talk 11/17 0515-0600. Signal strength was fair with shallow fades and a couple of deep ones that lasted about 45-60 seconds ea. Some QRM from CBE, six pips at 0600 and then CBE began to dominate. (Hardester, Calif.) unID. Male and female ancr, some mx, looped TP, lon, deep fades, some voice-overs, badly distorted, did not identify lang, 0535-0550 11/16. (Murley, Cal.) (Probably the above, in Russky, Jay, if not in Jap as U say-Ed)
- 1560 Peru. OAX2X, Radio Primavera, Trujillo. Noted again 11/17 during a good Peru/Ecuador opening 0505, frequent IDs simply as "Primavera". Tropical mx. (Richard Wood, Kailua, Hawaii)
- ** 1560 Dominican Rep. Radio Maibá, Santiago now on this freq ex-1525. (Objio, DR)
- ** 1561 Colombia. Radio Espacial, Tuluá, hrd here w/nx, IDing at 1952 11/10. (Objio) (Was previously reported in the mid-1550's. See if they are drifting.)
- 1564 Colombia. Radio Sensacion, HJZT, Manizales, hrd here for the first time, ID at 1934 on 11/10, announces freq as 1570 kc. (Objio, Dom. Rep.)

----- VERIFICATION SECTION -----

- 650 ALASKA. KYAK, Anchorage. V/q from Franklin Butte, CE, specific, card is already printed for 650 frequency. "Alaska's Most Powerful" and has had reports from Wash. state, Oregon, Calif., Montana, Penna. and from "Isfjord via Norway" (sic) (Wood, Hawaii) KYAK, Anchorage sent their new QSL card for reception on 10/24 0045-0105, with WSM looped. Note on the card says they started using 25 kW on 10/23 at 1500 EST, 9 hours earlier. Their directional pattern puts 50 kW northward and 11 kW south. Pattern nulls are at 115° and 245°. NEW ADDRESS is P.O. Box 2480 and v/s Franklin Butte, CE. Country mx format so don't confust with WSM. (Freeman, Calif.) (I would guess, with no certainty, that the 115° null is for WSM; however, bearing to KORL is nearer 190° from Anchorage, am at loss to explain significance of the 245° null. A Hawaii null would, of course, preclude Wood's good reception. 245 would appear to run down the Aleutians chain. Mystery?-Ed.)
- 670 VENEZ. YVLL nice v/q, full veri text, for YVLL/YVLX, unreadable v/s. (Reno)
- 1060 CHILE. Radio Minería, CB106, Santiago. V/1, date only given, from Luis Hernan Videla Pacheco, Gerente. Enclosed pennant. Country #44. (Wood, Haw.)
- ** 1205 SIERRA LEONE. Finally verified reception of 10/21/68 with pix postcard. A registered airmail f/up with mint stamps sent 9/16/69 and verie dated 11/11 1969. Signer unreadable, but is Director-General, Radio. Power is 10 kW, freq. 1205 & 3316 kHz. Cou'y #42; my best verie now. (Raczko, Ohio)
- 1230 COLOMBIA. HJFP, Radio Neiva, v/1 from Luis Eduardo Hermosa V., Director. Enclosed a Christmas card. (Wood, Hawaii)
- 1506 WEST GERMANY. W.D.R., Langenberg. V/q and v/1, specific, from Technische Information, W.D.R., Koln. First from Hawaii altho New Zealand their most distant. Verifies reception at both day (800 kW) and night (400 kW) power. First European verified here. (Wood, Hawaii)

Frequency	Location	Net	kW
519 . 9988	FINLAND, Joensuu		1
520 . 0000	AUSTRIA, Aldrans+		10
520 . 0000	W. GERMANY, Braunschweig (NDR)		2
520 . 0000	W. GERMANY, Hof+ (BR)		.4
520 . 0000	W. GERMANY, Hanover (NDR)		20
528 . 9821	ALGERIA, Ain Beida	2x300	
528 . 9993	E. GERMANY, Schwerin		20
529 . 0000	SWITZERLAND, Beromünster		150
530 . 0043	USSR, Cheboksary		
538 . 9997	HUNGARY, Budapest-Lakihegy		150
547 . 975	ALGERIA, Oran	2x300	
548 . 000	USSR, Leningrad		
548 . 0008	W. GERMANY, Braunschweig+	400/	800
	(OF)		
548 . 0144	SPAIN, Oviedo (RNE)		50
556 . 9907	PORTUGAL, Faro+		1
556 . 9978	ROMANIA, Bucuresti-Kherastrau		1
557 . 0000	FINLAND, Helsinki		100
557 . 0000	USSR, Volgograd		10
557 . 0001	SWITZERLAND, Monte-Ceneri		50
557 . 0028	E. GERMANY, Greifswald		10
557 . 0310	EGYPT, Cairo		50
565 . 968	PORTUGAL, Valença do Minho		1
565 . 9993	IRELAND, Athlone		100
566 . 0	SYRIA, Homs		300
566 . 0000	ITALY, Bologna+		25
566 . 0000	W. BERLIN (SFB)		20
575 . 0000	W. GERMANY, Stuttgart (SDR)		300
575 . 000	USSR, Riga		100
575 . 0005	E. GERMANY, Leipzig-Wiederau		100
575 . 005	ISRAEL, Tel Aviv		100
580 . 005	IRAN, Teheran		50
583 . 9957	SPAIN, Madrid-Majadahonda (RNE)		200
584 . 0000	AUSTRIA, Wien+		150
584 . 0000	FRANCE, Paris		4
587 . 5088	SAUDI ARABIA, Riyadh		1000
592 . 9972	BULGARIA, Sofia-Pleven		200
593 . 0000	W. GERMANY, Frankfurt+ (HR)	400/	150
			150
593 . 0016	SWEDEN, Jundsvall		150
593 . 0515	MOROCCO, Oujda		100

A bit of material held, plus the LW TALT report, again postponed. I seem to have misplaced my microscope and thus a bit of trouble getting it allin.

602 . 0000	FRANCE, Lyon-Tramoyes	150/
602 . 003	E. GERMANY, Karl Marx Stadt	250
602 . 025	CYPRUS, Nicosia	5
		20
610 . 9931	YUGOSLAVIA, Sarajevo	100
610 . 9992	E. GERMANY, Berlin-Koepenick	250
610 . 9999	W. GERMANY, Grafenwöhr+ (AFN)	10
611 . 0006	USSR, Petrozavodsk+	100
611 . 0082	MOROCCO, Sebaa-Aioun	140
619 . 9978	CANARY IS., Santa Cruz Teneriffe	
	(RNE)	100
620 . 0000	BELGIUM, Bruxelles-Wavre	150
620 . 0089	PORTUGAL, Vila Real Tras-os-Montes	
		10
620 . 053	EGYPT, Batra	150
628 . 996	ROMANIA, Timisoara	30
629 . 0000	AUSTRIA, Aldrans+	25
629 . 0003	NORWAY, Vigra	100
629 . 0004	E. GERMANY, Erfurt	20
629 . 041	TUNISIA, Tunis-Djedeida	600
637 . 9843	SPAIN, La Coruña (RNE)	100
638 . 0000	CZECHOSLOVAKIA, Praha	150
638 . 0011	CYPRUS, Limassol (BBC)	100
644 . 9971	IRAN, Tabriz	100
646 . 9980	UKRAINE SSR, Simferopol	100
647 . 0000	ENGLAND, Daventry+	150
647 . 0347	SAUDI ARABIA, Riyadh	50
647 . 051	TURKEY, Cukurova	300
655 . 9827	ISRAEL, Tel Aviv	100
655 . 9928	SPANISH SAHARA, El Aioun	2
655 . 995	USSR, Grosnyi	
655 . 9998	USSR, Murmansk	150
656 . 0000	ITALY, Napoli+	120
656 . 0012	E. GERMANY, Potsdam	20
664 . 930	SYRIA, Damas-Sabboura	50
664 . 973	GREECE, Athina	3
664 . 9943	USSR, Kaunas-Vilnius	100
664 . 9991	PORTUGAL, Lisboa	135
665 . 0041	W. GERMANY, Rohrdorf (SWF)	300
665 . 0137	ICELAND, Hoefn	5
673 . 9804	LIBYA, El Gawarsha	100
673 . 9963	UKRAINE SSR, Tchernovtsy	100
674 . 0000	FRANCE, Marseille	150
674 . 008	NORWAY, Bodoe	1
677 . 1426	ISRAEL, Jerusalem (Occupied)	20

680 . 0077	IRAN, Rasht	
682 . 9831	SPAIN, Sevilla (RNE)	250
682 . 99	E. GERMANY, unID	
683 . 0000	W. BERLIN (RIAS)	100
683	Jammer	
683 . 0001	W. GERMANY, Hof (RIAS)	40
683 . 0053	YUGOSLAVIA, Beograd	400
691 . 9985	PORTUGAL, Viseu	1
692 . 000	USSR, Oufa	100
692 . 000	CYPRUS, Nicosia-Athalassa	20
692 . 0000	ENGLAND, Moorside Edge+	150
692 . 0010	E. GERMANY, Suhl-Nachenbrunn	250
692 . 011	ALGERIA, Michelet	5
700 . 992	NORWAY, Finmark	20
700 . 999	TURKEY, Istanbul	150
701 . 0000	W. GERMANY, Aachen+ (NDR/WDR)	5
701 . 0058	ANDORRA-la-Vieille	280
701 . 0006	CZECHOSLOVAKIA, Banska Bistrica+	100
701 . 0241	MOROCCO, Sebaa-Aioun	140
705 . 0313	SAUDI ARABIA, Jedda	50
709 . 433	EGYPT, Cairo	100
710 . 0000	FRANCE, Rennes	150
710 . 0000	USSR, Tallinn	150
710 . 0015	UKRAINE SSR, Donetsk	150
710 . 032	ISRAEL, Jerusalem	1
718 . 9986	PORTUGAL, Porto	100
718 . 9995	W. GERMANY, München-Holzkirchen	
	(RFE)	150
719	Jammer	
719 . 0003	SWEDEN, Oestersund	150
719 . 0017	CYPRUS, Limassol (BBC)	100
719 . 0304	TUNISIA, Sfax	100
725 . 596	IRAN, Mashad	10
728 . 0000	AUSTRIA, Klagenfurt	25
728 . 001	GREECE, Athina	150
728 . 0012	E. GERMANY, Schwerin-Wöbbelin	250
736 . 400	EGYPT, unID	
736 . 9894	ISRAEL, Tel Aviv	200
736 . 9996	SPAIN, Barcelona (RNE)	250
737 . 0000	POLAND, Poznan	300
737 . 0005	W. GERMANY, Hof-Saale (RIAS)	40
737	Jammer	
745 . 9	BULGARIA, Plovdiv	30
745 . 9	SYRIA, Aleppo-Sarakeb	20
745 . 9996	E. GERMANY, Cottbus-Hoyerswerda	20
		20
746 . 0001	HOLLAND, Lopik	120

754 . 9981	ROMANIA, Timisoara	135	835 . 975	SPAIN, Granada (CES)	2
755 . 0000	E. GERMANY, Braunschweig+	200	835 . 9993	UKRAINE, Khar'kov+	20
755 . 0001	FINLAND, Kuopio	20	836 . 0000	FRANCE, Nancy	150
755 . 0012	PORTUGAL, Lisboa	135	836 . 0013	FINLAND, Ylivieska	10
			836 . 0025	LEBANON, Beirut	100
759 . 485	SAO TOME E PRINCIPE		836 . 009	SPAIN, Huelva (CAR)	2
			836 . 022	SPAIN, Palencia (CAM)	2
760 . 140	IRAQ, Hurriyah	300	844 . 990	USSR, Eliata	
763 . 998	SENEGAL, Dakar	200	845 . 0000	ITALY, Roma	150
763 . 9998	SWITZERLAND, Sottens	150	845 . 010	ISRAEL, Safad	1
764 . 0013	UKRAINE SSR, Odessa	10			
			853 . 9930	SPAIN, Murcia (RNE)	125
772 . 9985	SPAIN, San Sebastian (RNE)	20	853 . 9990	ROMANIA, Bucuresti-Tinchebesti	150
772 . 9997	USSR, Voronej	20	854 . 0000	W. BERLIN-Britz (RIAS)	100
773 . 0002	SWEDEN, Stockholm+	150	854	Jammer	
773 . 0004	AUSTRIA, Salzburg+	1			
773 . 002	EGYPT, Cairo	500	862 . 9969	BULGARIA, Blagoevgrad	30
773 . 010	BULGARIA, Sofia-Stolnik	30	862 . 9996	USSR, Erevan	100
776 . 4632	IRAN, Zahedan	100	863 . 0001	FRANCE, Paris	150/250
			863 . 021	SYRIA, Damas	10
781 . 9511	YUGOSLAVIA, Rijeka+	2			
781 . 9838	SYRIA, Tartus	30	871 . 9943	SPAIN, Zaragoza (SER)	20
781 . 9962	PORTUGAL, Miramar	100	871 . 9997	USSR, Moskva	150
782 . 000	UKRAINE SSR, Kiev	100	872 . 000	HUNGARY, Budapest+	20
782 . 0014	E. GERMANY, Burg	250	872 . 0000	W. GERMANY, Frankfurt (AFN)	150
			872 . 320	EGYPT, Cairo	50
790 . 993	USSR, Astrakhan	50			
790 . 9892	GREECE, Thessaloniki (VoA)	50	880 . 9807	YUGOSLAVIA, Titograd+	20
791 . 0000	FRANCE, Limoges	100	880 . 9986	USSR, Stavropol	20
			880 . 9998	E. GERMANY, Berlin-Koenigsw.	100
800 . 0000	W. GERMANY, Muenchen-Ismaning (BR)	100	881 . 0000	WALES, Washford+	100
800 . 002	JORDAN, Amman	100			
800 . 0032	USSR, Leningrad	100	889 . 986	SAUDI ARABIA, Dammam	100
800 . 0066	SPAIN, Madrid (SER)	20	889 . 9973	UKRAINE SSR, Ouchgorod	100
			889 . 9994	ALGERIA, Alger	200
808 . 9920	SPAIN, Sevilla (SER)	5	889 . 9999	NORWAY, Bergen+	10
808 . 9983	YUGOSLAVIA, Skopje+	135	890 . 0000	AUSTRIA, Linz	20
809 . 0000	USSR, Kouibychev	10	890 . 001	CYPRUS, Zyi (BFBS)	7.5
809 . 0000	ENGLAND, Crowborough+	400	894	CANARY IS., Santa Cruz Tenerife (CAR)	
817 . 8990	EGYPT, Batra	450	899 . 0000	ITALY, Milano	150
818 . 0000	ITALY, Trieste	25	899 . 0008	USSR, Iochkar Ola	50
818 . 0001	POLAND, Warszawa-Mokotov	300	903 . 017	IRAN, Rezayeh	1
818 . 0109	ANDORRA-la-Vieille	400			
818 . 0375	MOROCCO, Rabat	1	907 . 995	ROMANIA, Miercurea Ciuc	7
			907 . 9978	E. GERMANY, Burg	250
826 . 9986	USSR, Gorkii	20	908 . 0000	ENGLAND, London-Brookmans Park	140
826 . 9994	W. GERMANY, Freiburg+ (SWF)	40			
826 . 9997	SPAIN, Barcelona (SER)	5	908 . 0160	IRAQ, Thourah	200
827 . 0010	BULGARIA, Sofia-Vakarel	100			
827 . 0070	MOROCCO, Oujda	100			

916 . 9305	MOROCCO, Tetuan	5	1006 . 9945	SPAIN, Malaga (RNE)	10
917	CYPRUS, Coral Bay Paphos	25	1007 . 0000	HOLLAND, Lopik	120
917 . 0001	YUGOSLAVIA, Ljubljana	135	1007 . 003	YUGOSLAVIA, Beograd	150
917 . 003	E. GERMANY, Reichenbach	3.5	1007 . 006	GREECE, Kerkyra	50
917 . 010	USSR, Makhatch-Kala	50			
917 . 061	SPAIN, Madrid (RE)		1015 . 9973	USSR, Baku	100
			1016 . 0000	W. GERMANY, Mainz-Wolfsheim (SWF)	300
926 . 000	YUGOSLAVIA, Nis+	20	1016 . 0048	MOROCCO, Tanger	1
926 . 0000	BELGIUM, Bruxelles-Wavre	150			
926 . 0009	USSR, Ivanovo	10	1024 . 9623	SPAIN, San Sebastian (SER)	3
926 . 02	TURKEY, Izmir	100	1025	ISRAEL, Tel Aviv	100
			1025 . 0000	AUSTRIA, Dobl+	100
934 . 84.8	EGYPT, Cairo	10	1025 . 033	MOROCCO, Rabat+	1
934 . 9965	E. GERMANY, Burg	250	1025 . 103	SPAIN, Barcelona (CAR)	2
934 . 9982	W. BERLIN (AFN)	10			
935 . 0024	UKRAINE SSR, Lvov	300	1033 . 9988	W. GERMANY, Karlsruhe+ (AFN)	1
935 . 0577	MOROCCO, Agadir	100	1033 . 9992	USSR, Tallinn	100
			1034 . 0000	ITALY, Milano+	50
943 . 8753	GREECE, Larissa	5	1034 . 0078	PORTUGAL, Porto Alto	50
943 . 9983	USSR, Rostov/Don	20			
944 . 0000	FRANCE, Toulouse	100	1042 . 9965	E. GERMANY, Dresden-Wilsdruff	250/20
944 . 387	SYRIA, Damas	10			
			1043 . 0009	USSR, Tbilissi	100
952 . 9941	SPAIN, Madrid (CRI)	20	1043 . 0011	BELGIUM, Aye-Marche	10
953 . 0000	CZECHOSLOVAKIA, Brno+	100	1043 . 0040	GREECE, Thessaloniki	5
953 . 129	CANARY IS., Las Palmas (SER)	10	1043 . 0502	MOROCCO, Sebaa-Aioun	25
959 . 525 V	SYRIA, Deir-el-Zor	30	1052 . 0000	ENGLAND, Start Point+	100
960 . 153	SUDAN, Omdurman (?)		1052 . 0004	ROMANIA, Bacau	50
961 . 9732	TUNISIA, Tunis-Djedeida	100	1052 . 0033	LIBYA, Tripoli	50
962 . 000	FRANCE, Paris	5	1052 . 004	E. GERMANY, Suhl+	5
962 . 0002	FINLAND, Turku	100	1052 . 0401	MOROCCO, Tetuan	20
963 . 903	TURKEY, Istanbul	2			
			1060 . 9171	PORTUGAL, Norte	50
971 . 000	USSR, Smolensk	150	1061 . 0000	ITALY, Cagliari+	10
971 . 0000	W. GERMANY, Hamburg+ (NDR/WDR)	300	1061 . 0034	DENMARK, Kalundborg	60
			1061 . 004	GREECE, Joannina	
			1061 . 012 V	EGYPT, Cairo	
976 . V	EGYPT, Asyut	5			
979 . 9998	SWEDEN, Göteborg	150	1069 . 9952	UKRAINE SSR, Dnieproppetrovsk	20
980	ALGERIA, Alger	200	1070 . 0000	FRANCE, Paris	100
980 . 0000	ITALY, Trieste	10	1070 . 000	USSR, Alma Ata	
980 . 0010	USSR, Alma-Ata		1070 . 011	GREECE, Mesolongion	
984 . 9503	IRAN, Kermanshah	100	1078 . 9624	MOROCCO, Casablanca	1
987 . 571	E. GERMANY, unID		1078 . 9918	W. GERMANY, Bremen+ (RB)	100
988 . 963	LEBANON, Beirut	10	1078 . 9955	SPAIN, Valencia (RNE)	25
989 . 0000	W. BERLIN (RIAS)	300	1079 . 0000	E. GERMANY, Plauen	2
989	Jammer		1079 . 0004	POLAND, Katowice	60
989 . 0127	SPAIN, Madrid (RNE)	50	1079 . 0066	YUGOSLAVIA, Koper/Beli-Kriz	6
997 . 9821	SPANISH SAHARA, Villa Cisneros				
997 . 9997	W. GERMANY, Heidelberg+ (SDR)	10			
998 . 0009	USSR, Kichinev	100			

1088	. 0000	ENGLAND, Droitwich+	150
1088	. 0001	ALBANIA, Tirana	50
1088	. 0038	USSR, Perm	20
1097	. 0000	CZECHOSLOVAKIA, Bratislava	150
1097	. 042	CANARY IS., Las Palmas (CES)	20
1097	. 085	SPAIN, Sans Lanes (CAR)	2
1097	. 168	SPAIN, Madrid (CAN)	2
1097	. 255	SPAIN, San Sebastian (CAM)	2
1099	. 981	IRAN, Rafahan	10
1105	. 842	SPAIN, Vitoria (SER)	2
1105	. 960	SPAIN, Linares (CRI)	2
1106	. 0018	W. GERMANY, München (AFN)	50
1106	. 0028	USSR, Vilnius	100
1106	. 089	SPAIN, Huesca (SER)	2
1106	. 136	SPAIN, Manresa (SER)	2
1106	. 316	SPAIN, Leon (SER)	2
1106	. 541	SPAIN, La Coruña (SER)	2
1114	. 9813	MOROCCO, Tanger	1
1115	. 0000	ITALY, Bari+	50
1115	. 0007	USSR, Kaliningrad	20
1115	. 0096	NORWAY, Bøe Vesteraalen+	1
1123	. 9972	USSR, Leningrad	20
1124	. 0001	BELGIUM, Houdeng	10
1124	. 0004	BULGARIA, Varna	10
1124	. 009	YUGOSLAVIA, unID	
1124	. 0133	SPAIN, Barcelona (RNE)	10
1124		LIBYA, Bayda	000
1132	. 940	SPAIN, Sevilla (CES)	2
1132	. 962	SPAIN, Vigo (CAM)	2
1132	. 981	SPAIN, Malaga (CAR)	2
1132	. 990	SPAIN, Zamora (CAR)	2
1133	. 0000	YUGOSLAVIA, Zastreb+	135
1133	. 0043	KUWAIT, Kuwait	
1133	. 017	SPAIN, Burgos (CAR)	2
1133	. 025	SPAIN, Murcia (CAR)	2
1133	. 039	SPAIN, Jaen (CES)	2
1133	. 163	SPAIN, Bilbao (CAR)	2
1133	. 695	SPAIN, unID	
1141	. 9787	ALGERIA, Constantine	40
1142	. 0000	USSR, Riga+	50
1142	. 0000	W. GERMANY, Stuttgart+ (AFN)	10
1142	. 0703	GREECE, Athina	20
1145	. 018	SPAIN, Ciudad Real (CES)	2
1150	. 9927	ROMANIA, Cluj	50
1151	. 0000	ENGLAND, Stagshaw+	100
1151	. 541	MOROCCO, Marrakesh	1
1154	. 200 V	EGYPT, unID	

1156		V SPAIN, Leon (CAM)	2
1159	. 080 V	SPAIN, Pamplona (CAM)	2
1159	. 999	USSR, unID	
1160	. 000	BULGARIA, Kardzali+	30
1160	. 0000	FRANCE, Strasbourg	150
1160	. 0023	IRAN, Abadan	
1164	. 118	TURKEY, Kars	2
1168	. 9987	PORTUGAL, Porto	10
1168	. 9995	UKRAINE SSR, Odessa	50
1168	. 9998	W. GERMANY, Heilbronn+ (SDR)	10
1169	. 000	ISRAEL, Jerusalem	1
1169	. 0014	YUGOSLAVIA, Beli Kriz-Koper+	20
1173		USSR, unID	
1176	. 7142	TURKEY, Van	2
1177	. 9914	GREECE, Thessaloniki	10
1177	. 9992	SWEDEN, Hörby	100
1178	. 0021	SPAIN, Barcelona (RNE)	20
1178	. 02	MALTA, Delimara Point	10
1186	. 9885	SPAIN, Cuenca (RNE)	5
1186	. 9990	HUNGARY, Szolnok+	135
1187	. 1556	MOROCCO, Casablanca	1
1187	. 183	SPAIN, Sevilla (RNE)	5
1193		V USSR, unID	
1194	. 939	SAUDI ARABIA, Dhahran (?)	
1195	. 9478	MOROCCO, Agadir	20
1195	. 9900	PORTUGAL, Portalegre	1
1195	. 9994	W. GERMANY, München-Ismaning (VoA)	300
1196		EGYPT, Alexandria	10
1205	. 0000	FRANCE, Bordeaux	100
1205	. 0000	POLAND, Krakow+	60
1205	. 005	ISRAEL, Akko	20
1205	. 0137	YUGOSLAVIA, Subotica	2
1213	. 6063	ALBANIA, Tirana	
1213	. 995	MALTA (?)	1
1214	. 0000	GREAT BRITAIN, Washford+	60
1214	. 0004	USSR, Tallinn+	200
1222	. 9996	ITALY, Rimini	5
1222	. 9999	SPAIN, Madrid (RNE)	50
1223	. 0015	SWEDEN, Palun	100
1223	. 0340	BULGARIA, Stara Zagora	30
1231	. 8604	MOROCCO, Tanger	50
1232	. 0001	CZECHOSLOVAKIA, Kosice+	100

1241 . 0000	UKRAINE SSR, Kiev	150
1241 . 0000	FRANCE, Brest+	20
1241 . 0014	FINLAND, Vaasa	25
1249 . 9611	PORTUGAL, Chaves	1
1249 . 9991	HOLLAND, Lopik	10
1250 . 0002	HUNGARY, Balatonszabadi+	135
1250 . 0023	IRELAND, Cork+	5
1259 . 0000	POLAND, Wroclaw+	50
1259 . 0001	GREECE, Rhodes (VoA)	150
1259 . 0219	SPAIN, Valencia (SER)	3.5
1264 . 4	ALBANIA, unID	
1267 . 701	SPAIN, Mallorca (COP)	2
1267 . 9988	YUGOSLAVIA, Novi-Sad	100
1268 . 0022	W. GERMANY, Neumünster (DF)	600
1268 . 011	SPAIN, Madrid (COP)	2
1276 . 993	GREECE, Florina	1
1276 . 9998	USSR, Moskva	20
1277 . 0000	FRANCE, Strasbourg	100
1286 . 0036	PORTUGAL, Lisboa	2.5
1286 . 0044	CZECHOSLOVAKIA, Praha-Melnik+	100
1286 . 007	ISRAEL, Tel Aviv	7.5
1294 . 9967	YUGOSLAVIA, Vranje	6
1295 . 0000	ENGLAND, Crowborough	600
1295 . 0096	I. of MAN, Foxdale	2
1295 . 0009	USSR, Baku	150
1302	ALBANIA, Korça (?)	
1304 . 0000	POLAND, Szczecin+	160
1304 . 002	ISRAEL, Haifa	1
1304 . 0050	GERMANY, Heidelberg+ (AFN)	1
1304 . 0351	ALGERIA, Constantine+	20
1312 . 9754	SPAIN, Zaragoza (RNE)	10
1313	ROMANIA, Constantza+	2
1313 . 00	AUSTRIA, Knittelfeld+	0.1
1313 . 0000	ITALY, unID	
1313 . 00	UKRAINE, Simferopol	100
1313 . 0020	NORWAY, Stavanger	100
1321 . 9651	MOROCCO, Safi	1
1321 . 9990	UKRAINE SSR, Kharkov	100
1321 . 9997	E. GERMANY, Leipzig-Wiederau	150
1324 . 5	GREECE, Kozani	
1324 . 939	IRAN, Teheran	100

1330 . 9958	PORTUGAL, Elvas	1
1331 . 0000	ITALY, Roma+	150
1331 . 0000	USSR, Kothla-Jarve+	20
1336 . 910 V	IRAQ, Baghdad	20
1340 . 0000	N. IRELAND, Lisnagarvey+	100
1340 . 0019	HUNGARY, Budapest-Lakihegy	80
1340 . 002	USSR, unID	
1343 . 76	GREECE, Kavalla	
1345 . 0143	KUWAIT, Kuwait	1
1348 . 834	MOROCCO, Beni Mellal	
1348 . 917	HUNGARY, Gyor+	0.4
1348 . 9998	USSR, Tbilissi	
1349 . 0000	FRANCE, Bordeaux+	20
1349 . 0000	USSR, Riga	
1352 . 0	GREECE, Kavalla	
1357 . 9968	E. GERMANY, Berlin-Koepenick	250
1358 . 0002	W. GERMANY, Bremen (RB)	20
1358 . 0012	USSR, Moskva	50
1358 . 103	ALBANIA, Tirana	
1366 . 9928	SWITZERLAND, Saviese	0.5
1366 . 9976	PORTUGAL, Porto	10
1367 . 0000	POLAND, Bialystok+	60
1367 . 0000	ITALY, Venezia+	25
1367 . 001	USSR, Petropavlovsk	
1367 . 002	ISRAEL, Beersheba	5
1376 . 0000	FRANCE, Lille	150/250
1376 . 0000	UKRAINE SSR, Vinnitza	
1385 . 0	SPAIN, La Coruña (CAR)	2
1385 . 0003	SPAIN, Madrid (CES)	2
1385 . 0010	USSR, Kaunas+	150
1385 . 0033	GREECE, Athinai	50
1385 . 020	SPAIN, Inca (CAR)	2
1385 . 092	SPAIN, unID	
1386 . 5 V	USSR, unID	
1389 . 886	IRAN, Ahvaz	100
1393 . 926	LIBYA, Tobruk	10
1393 . 982	SPAIN, Almeria (COP)	2
1393 . 9984	SWEDEN, Göteborg+	0.25
1393 . 9995	AUSTRIA, Graz+	25
1394 . V	USSR, unID	
1394 . 0	SPAIN, Cordoba (COP)	2
1394 . 00	SPAIN, Zamora (COP)	2
1394 . 0015	W. GERMANY, Augsburg+ (AFN)	1
1394 . 005	SPAIN, Jerez (COP)	2
1394 . 023	ALBANIA, Tirana	
1394 . 028	SPAIN, Vigo (COP)	2
1394 . 032	SPAIN, Astorga (COP)	2
1394 . 076	SPAIN, unID	
1394 . 131	SPAIN, Reus (COP)	2

1410	. 0004	MASIRAH I.	
1411	. 756	SPAIN, Burgos (SER)	2
1411	. 932	FRANCE, Calvi	
1411	. 973	SPAIN, unID	
1412	. 0004	FINLAND, Helsinki+	2
1412	. 0007	W. GERMANY, Bad Nergentheim	
		(SDR)	7
1412	. 0020	YUGOSLAVIA, Pristina+	100
1412	. 03	PORTUGAL, Sao Gabriel	100
1412	. 089	SPAIN, Castellon (SER)	2
1412	. 143	SPAIN, Murcia (SER)	2
1412	. 152	SPAIN, Bilbao (SER)	2
1420	. 9989	FINLAND, Tampere	1
1421	. 00	USSR, Riga	10
1421	. 0000	W. GERMANY, Saarbrucken	400
1421	. 001	CYPRUS, Zyyi (BBC)	7.5
1421	. 0128	ALGERIA, Alger	40
1429	. 987	SPAIN, Malaga (COP)	2
1430	.	SPAIN, Valladolid (COP)	2
1430	. 00	SPAIN, Lugo (COP)	2
1430	. 0000	DENMARK, Skive+	70
1430	. 0000	ITALY, Pesaro+	2
1430	. 0000	USSR, unID	
1430	. 0012	SPAIN, unID	
1430	. 003	SPAIN, Pisuerga (COP)	2
1430	. 010	E. GERMANY, Berlin-Koepenick	250
1430	. 018	SPAIN, Leon (COP)	2
1430	. 018	MALTA, Bnghisa (SPRS)	1
1430	. 045	SPAIN, Valencia (COP)	2
1430	. 102	ROMANIA, Craiova	6
1430	. 670	SPAIN, Huelva (COP)	2
1438	. 9972	UKRAINE SSR, unID	
1438	. 9996	LUXEMBOURG, Wernach	600/1200
1445	. 7	MALI, Bamako	
1447	. 9985	PORTUGAL, Coimbra	1
1448	. 0000	ITALY, Squinzano+	50
1448	. 0000	SWEDEN, Jönköping+	
1449	. 893	IRAN, Gorgan (?)	
1453	. 9774	LIBYA, Benghazi	
1454	. 5	USSR, unID	
1457	. 0	AUSTRIA, Spittal/Drau+	0.2
1457	. 0000	ENGLAND, Clevedon+	20
1457	. 0010	ROMANIA, Craiova	20
1465	. 9935	UKRAINE SSR, Simferopol	20
1465	. 9997	MONACO, Monte-Carlo	2x200
1466	. 0018	NORWAY, Kautokeino+	1

1474	. 620	SPAIN, Zamora (SER)	2
1474	. 987	SPAIN, Santander (SER)	2
1474	. 992	SPAIN, Logrono (SER)	2
1474	. 9983	AUSTRIA, Wien+	150
1475	. 000	SPAIN, Cordoba (CRI)	2
1475	. 194	SPAIN, Oviedo (SER)	2
1475	. 224	SPAIN, Cadiz (SER)	2
1475	. 364	SPAIN, Reus (SER)	2
1475	. 379	SPAIN, Sabadell (CRI)	2
1475	. 406	SPAIN, Mallorca (SER)	2
1478	. 8	TURKEY, Trabzon	2
1480	. 5	V GREECE, Pyrgos	
1483	. 9978	BELGIUM, Ostende-Breedene	2
1484	.	USSR, Riga	2
1484	.	CZECHOSLOVAKIA, Brno Jihlava+	1
1484	. 00	FRANCE, Dijon+	1
1484	. 00	ITALY, Bolzano+	2
1484	. 0000	GREAT BRITAIN, Barrow+	2
1484	. 0000	W. BERLIN (SFB)	2
1484	. 0021	BELGIUM, Liège	5
1484	. 0038	FINLAND, Pietarsaari+	1
1484	. 159	SPAIN, Valladolid (CAM)	2
1485	. 444	ROMANIA, Baia Mare+	2
1492	. 999	GREECE, Rhodes	5
1492	. 9998	USSR, Leningrad+	50
1493	.	YUGOSLAVIA, Zagreb Sljeme+	7
1493	. 021	FRANCE, Ajaccio+	10
1501	. 9880	W. GERMANY, Garmish+ (AFN)	0.25
1502	. 0000	W. GERMANY, Münster	0.8
1502	. 0003	POLAND, Warszawa-Mokotov	500
1502	. 060	YUGOSLAVIA, Beograd	
1502	. 116	SPAIN, Sevilla (COP)	2
1502	. 160	SPAIN, Bilbao (COP)	2
1502	. 199	SPAIN, Burgos (COP)	2
1502	. 306	SPAIN, Salamanca (COP)	2
1503	. 983	CYPRUS, Nicosia-Haraklis (BFB)	7.5
1509	. 1	ALBANIA, unID	
1511	. 0002	BELGIUM, Bruxelles-V item	20
1511	. 0028	USSR, Tallinn	
1511	. 0023	E. GERMANY, Berlin-Koepenick	250
1519	. 932	SPAIN, Badal na (CRI)	2
1520	.	SPAIN, Vigo (SER)	2
1520	. 0000	CZECHOSLOVAKIA, Ostrava+	30
1520	. 072	SPAIN, Alicante (SER)	2
1520	. 175	SPAIN, Jerez (SER)	2
1520	. 223	SPAIN, Albacete (SER)	2
1520	. 292	SPAIN, Alcala (SER)	2
1520	. 426	SPAIN, Valladolid (SER)	2

1524	V	USSR, Moskva	
1525	. 0008	CHINA, Sinkiang	2000
1529	. 0000	VATICAN CITY	250
1529	. 004		0.3
1537	. 9979	W. GERMANY, Main	350/700
1538	. 00	USSR, unID	
1539	. 5 V	SPAIN, Cordoba (CAM)	2
1545	. 98	MALTA, Delimara Point	10
1545	. 9967	E. GERMANY, Seelow	5
1545	. 9987	UKRAINE SSR, Vinnitsa	50
1546	. 0000	ENGLAND, Brighton+	1
1552	. 8	YUGOSLAVIA, Stip	0.2
1553	. V	SPAIN, Socuellamos (CES)	2
1554	. 0000	FRANCE, Nice	150/250
1554	. 0000	USSR, Vilnius	20
1559		SPAIN, Cordoba (CAM)	2
1561	. 4	GREECE, Amalias (?)	1.25
1561	. 9995	USSR, Leningrad	3
1562	. 00	SWEDEN, Boraas+	2
1562	. 0000	PORTUGAL, Covilha (?)	1
1562	. 0200	SWITZERLAND, Beromünster+	160
1562	. 0208	INT'L WATERS (HOLLAND), Radio Veronica	10
1569	. 895	SPAIN, Socuellamos (CES)	2
1569	. 896	SPAIN, Alicante (CAM)	2
1569	. 9995	USSR, Leningrad	10
1570	. 00	GREECE, Iraklion (AFM)	0.25
1570	. 0000	W. GERMANY, Kiel+ (NDR)	5
1570	. 006	E. GERMANY, Bernburg-Halle	20
1570	. 090	SPAIN, Valencia (CAM)	2
1570	. 103	SPAIN, Gerona (CES)	2
1578	. 0000	ITALY, Genoa+	50
1578	. 0007	NORWAY, Fredrikstad+	10
1578	. 0052	PORTUGAL, Porto	10
1585	. 9989	USSR, unID	
1586	. 0000	W. GERMANY, Langenburg (NDR)	400/800
1593	. 987	HUNGARY, Miskolc+	15
1593	. 9946	PORTUGAL, Lisboa	10
1593	. 9991	BELGIUM, Kortrijk	2
1594		POLAND, Opole+	2
1594		CZECHOSLOVAKIA, Tatry+	2
1594	. 0	FRANCE, Nimes+	1
1594	. 000	HOLLAND, Hengelo+	2.5
1594	. 000	ITALY, Bolzano+	2
1594	. 000	DENMARK, Esbjerg	2
1594	. 0016	ENGLAND, Bournemouth+	0.25
1594	. 003	SWEDEN, Joenköping+	0.2

1602 . 0000 W. GERMANY, Nürnberg (BR) 370/1

1606 . 128 GREECE, Ierapetra

Stations with under 100 watts power have been dropped.

Some of the countries listed do not agree with the NRC Country List, i.e. "USSR" instead of LITHUANIAN SSR. WRTVH should be consulted; questionable countries can usually be cleared up when reported to IDX.

+ There is more than one station on the channel; generally the highest powered or key station in a network is noted.

V Frequency of station varies 100 cps or more.

West German networks:

AFN American Forces Network
BR Bayerischer Rundfunk
DF Deutschlandfunk
HR Hessischer Rundfunk
NDR Norddeutscher Rundfunk
RB Radio Bremen
RFE Radio Free Europe (USA)
RIAS Radio in the American Sector
SDR Süddeutscher Rundfunk
SFB Sender Freies Berlin
SR Saarländischer Rundfunk
SWF Südwestfunk
WDR Westdeutscher Rundfunk

Spanish networks:

CAM Cadena Azul del Movimiento
CAR Cadena Azul de Radiodifusion
CES Cadenas de Emisoras Sindicales
COP Cadena de Ondas Populares Españolas
CRI Compañia de Radiodifusion Intercontinental
RE Radio España
REB Radio España de Barcelona
RNE Radio Nacional de España
SER Sociedad Española de Radiodifusion

Others:

BBC British Broadcasting Corporation
BFBS British Forces Broadcasting Service
VoA Voice of America

This list contains only those European Zone stations actually monitored by the EBU monitoring network (stations listed but not heard are not shown) and is accurate as of the beginning of November. Note that the frequencies in most cases have been averaged to give the nearest 0.1 Hz. Special thanks go to Randall Kane for typing up this listing for us.

Gordon Nelson



REPORT from the PACIFIC

From now on, I shall be submitting my regular report on conditions in Hawaii directly, in the form of a brief report. It will consist either of an overall summary of conditions over a period of several days, or a day-by-day breakdown.

Due to the comparative lack of local QRM in Hawaii, and the relatively equal distance to various major parts of the world, a reasonably accurate view of conditions from most areas may be obtained. However, Monday mornings, for obvious reasons, give the clearest view of prevailing conditions from North America, as interference from closer stations is then at a minimum. Some allowance should therefore be made for this. However, ZBM-1, thanks to its split frequency, and the big East Coast clear channels such as WBZ and WCBS are reliable guides every night.

Definition: When I use the term "East Coast", I am referring to areas north of Florida. During the summer, Florida stations are often heard when those farther north are not noted. Florida reception will be dealt with separately.

Conditions in Hawaii November 14 - 20.

General: There has been no recurrence of the one outstanding European night I have so far experienced, 11/27. During this period, not even a trace of W.D.R.-1586 was observed. On the other hand, North America has been excellent, with very fine WBZ signals every night, well over KTWO when the latter is on the air. Alaska has been semi-local, with KYAK-650 noted through local KORL. There was an interesting opening to the Ecuador/northern Peru coastal area, quite unusual for the season, around 11/16-17.

11/14-15: Average for the season, E.C. very good. ZBM-1 quite good.

11/16: A swing south, with the West Indies, Florida and as far south as Guayaquil, Ecuador, noted. But northerly N.America still noted, e.g. CBE.

11/17: Excellent to all areas of North America, and the opening to coastal South America still noted, e.g., another Guayaquil station and a log of Trujillo, Peru. My 37th. U.S. state logged: WIRE-1430 Indiana. A new state on a graveyard: WBIR-1240 Tenn. at very fine strength. CHQ level with KFI. S.R.S. very good, likewise WADD and other West Indies. CFOX-1470 P.Q. in constantly for an hour.

11/18: N.America continuing excellent.

11/19: Alaska very fine; KSRM-920 dominating its channel. KYAK-650 thru KORL.

11/20: Good skip into central parts of U.S.: KKJO-1550 over KKH1. Asia in very early. Alaska and other northerly areas outstanding, CIGNL-560 B.C. new.

Richard E. Wood

Ramadan

This traditional Moslem holy month is now underway and will extend until December 12th. Many stations in Moslem countries will be operating on extended schedules during this period. (Ed)

DOMESTIC X DIGEST



EDITOR:

Russell J. Edmunds
 Box 946
 Wayne, N.J. 07470

Hello again: hopefully, the issue of 12/12, which will have the first monthly updater section, will also be the first issue where we have successfully brought our deadline problems under control. Our first issue from here was plagued by an unannounced deadline advance, as, undoubtedly, will this one, since most submissions will be mailed before the announcement reaches you. Barring sudden unforeseen problems, the mail deadline here will be Monday AM's mail, as the copy will be mailed to HQ about noon. Phone deadline (at 201-335-6397) will remain 0000 MM.

ATTENTION KEYPUNCHERS:

If you have not done so as you have progressed in your work, please endeavor to update all of your keypunching according to all updaters, from the 1st JAC updater, thru my first (which was NOT published in the bulletin), and on thru those which have appeared. In addition, I will be obtaining a list of who has done what section, and will be mailing you cutouts from two lists of network changes submitted earlier this year, but not included in any of the updaters. These changes, too, should be corrected into your sections. Finally, if you would like to take on a few more pages, they can be sent to you already completely updated. Simply drop me a card, if you wish to volunteer.

after midnight —

- 640 KFI-Ca- Way over Cuban at 2355 11/17 w/ So. Calif/ wx. (Taylor)
 680 KOMW-Wa- Hrd. 0430 11/17 w/ voice ID o/ QRM. (Fish, Lincoln, Neb.)
 740 KCBS-Ca- Hrd at S/7 levels w/ nx at 0150 11/9, well o/ Cuban (Scrimgeour, Toronto). In o/ the Cuban & KRMG at 0140 11/17 (P. Taylor, NJ)
 810 KCMO-Mo- 124 S/off at 0100, to return 0600 (is AN-6 off MM) hrd 11/17. (Fish)
 860 WAMO-Pa- Hrd w/ usual ET-Mx 0215-0250 11/17 (P. Taylor)
 910 WFFB-Ch- Hrd w/ FM ID (//) on 11/9, 0130. (KGS)
 1070 WCIR-WV- L&C on DX 0300-0400. After phone call from Boston, ran c&w mx, live ID's. (DeLorenzo, Fox, & Kane, Boston Mass)
 1080 unID Western stn. w/ pops and MoR u/ WTIC, KRLD 11/10 0100-0110. (KGS)
 1090 unID Another western stn. w/ ABA BKB. Miami vs. LA 0105-0140 11/10. KING or XERB? (KGS) (Paul K. Hart, Tx)
 1190 KRDS-Az- Copied 11/17 0130-0145 at S/2-3 levs. during unusual KLIF SP
 1220 CJRL-On- 11/17 s/off 0110 w/ NA. (Fish)
 CJOC-Al- Hrd w/ rr 0200-0207 s/off 11/17. (Page Taylor, Butler, N.J.)
 CKDA-Bc- Hrd. 15 db o/ S/9 0300-0305 s/off 11/17 w/ nx, wx. (Taylor)
 1240 KVRG-Ar- F/c 11/18 0125-0145 w/ TT, Voice ID's every 5 mins. (Hart, Tex.)
 1260 CFRN-Al- In again ard. 0150 11/17 w/ pgm.: "Mx in the Limelight" (PT)
 1300 KVET-Tx- Noted potent AN w/ C&W 11/17 (FISH)
 1400 KGVL-Tx- s/off 0100 (Hart, Texas)
 WWIN-Md- Hrd. ID 0428, then mx, 11/10 (GJ Fox, West Boondock, Mass)
 1460 WHEC-NY- Hrd. anncg. 24 hrs, 0120 11/23 (Taylor)
 KDON-Ca- Fair u/ WOKO OC w/ turkey promo & RR 0121 11/17. (DeLorenzo, Mass.) Thought turkey promos went w/ chicken-rock....-rje
 X 1440 KOKY-Ar- F/c 11/16 w/ voice ID's, TT 0650 (Hart)
 1480 WGNE-Fl- Hrd testing 11/17 0115 plus. 500 watts. (Fish) nice...-rje

- 1530 WUPR-PA- DX Test was on 0230-0300, 1 hr. early. Guess they goofed. Hrd well here (Conrad, Haines City, Fla.)
 1550 KGHU-Ca- Alone w/ semi-cl. mx 0157-0200 11/16 (DeLorenzo, Mass)
 1570 CHLO-On- Is testing here, now ard. 0600 . (NRC)

Sunrise & Daytime

- 570 WFSO-Fl- Potent at 0600 s/on 11/16 (Fish)
 650 WABC-NY- Putting in a strong spur here and on 690 w/ WGR, this a move from 673 & 647 that was previously. (1210 11/23) rje
 X 660 WESC-SC- Hrd s/on 0645 w/ SSB 11/16 (Fish)
 690 WAPE-Fl- Hrd strong; o/u 3BF 2037-2120 11/17 (rje) oops, wrong section, hi
 740 WTRI-Tx- SSB s/on 11/16 0702 (Fish)
 750 WMBD-Md- Hrd w/ relig. pgn. very weak 11/23 1214. (rje)
 810 WEDC-Pa- Finally ID'ed as the one w/ WBY days, at 1317 11/23 (rje)
 870 WICU-NY- In extremely well 1320 11/23 (rje)
 960 unID Hrd w/ FB behind WELI 1327 11/23 (rje)
 990 WATY-Ct- Barely hrd u/ powerful WTBG 1335 11/23 (rje)
 1020 WQIL-IL- Hrd 11/16 0810+ w/ wx, mx. (Fish)
 1070 WNCN-NC- Hrd testin; Sat AM's 11/1, & 0630-0700 (Bill Stone, Ontario)
 1110 WALT-Fl- S/on. annod hrs, etc. 11/15 0645 (Hart)
 WMBI-IL- Hrd @ 1730 s/off 11/16 o/WFAB, WBT (Taylor) Anything; o/RT at that hour's a goodie...-rje
 * 1170 WMLE-NY- Now on RS, probably began 11/19 or 20. Hrd 11/22 1625 w/ WMA, mixed w/ WVA. (Taylor) Hrd on RS 1346 11/23, w/ WMA (recd), barely louder than WVA (rje)
 1390 WFIW-IL- 11/16 s/on 0730 w/ SSB (Fish)
 1510 KCAW-Tx- Copied 0730 11/11 w/ ID. (Hart) This one came on Spring '69, Paul, is 1000 DL, FSA 500....-rje
 1530 KEOK-Nb- 11/14 s/on 0714, no SSB (Fish)
 1540 KHUY-Tx- Has been running w/ 1 kw DA-N during daytimes so as to complete work on it. (RM SP is irreg., by the way) (Hart, Tx)
 1570 WTRB-Tn- 11/14 s/on 0735 SSB. (Fish)
 KOLS-Ck- 11/16 0647 solid w/ WOKZ looped (Fish)
 1580 KESM-Mo- Beautiful @ 0645 11/16 (Fish)
 1590 KVGB-Ka- 11/16 s/on 0830. (Fish) What time you get up, anyway....-rje

Sunset & Evening

- 570 WKBN-On- Battling local WPCA whilest driving home from work 2040 11/17
 610 KONA-Wa- Hrd ex KEPR 11/13 2100 (Len Lockwood, Wash.St.) (-rje)
 970 KJLT-Nb- 11/14 s/off 1830, no SSB (Fish) Welcome, Len -rje
 990 WBTE-NC- Windsor hrd @ 1715 s/off 11/09 (Stone) Forgot Canadians do their dates backwards from us, hi -rje
 KNEN-Tx- 11/14 L&C w/ wx @ 1825, long time no hear (Fish)
 1080 WKLO-Ky- Fair u/ WTTC w/ mx 1720 11/15 (DeLorenzo)
 1140 KSOO-SD- Finally hrd, but so far u/ WVA audio-wise ('Twas quite good signalwise) as to be unreportable 11/23 2000 (rje)
 X 1140 WSEM-IL- Like a local 11/13 1800 (Fish)
 1140 KJCK-Ka- 11/13 1805, first hrd in 16 months (Fish)
 1510 KANS-Ka- 11/13 1820 w/ evening mx show (Fish)
 1530 KEOK-Nb- s/off 11/13 1815 no SSB (Fish)
 KCLR-Tx- Hrd L&C after KNBI off 1830 11/13 s/off "America" then (Fish)
 KNBI-Ka- s/off after wx, "Portals of Prayer", HAB thing, 1830, no SSB
 1540 KGHG-Tx- Hrd 2145 11/16 o/AXEL w KABC had relig. pgn. (Fish, as was)
 1550 CBAN-NS- Hrd 11/8 & 9 (Stone) Time on this, 11/17 -rje
 1560 CFRS-On- S/off 833 o/u WQXR 11/15, 1700 (ye former WQXR editor, rk)
 1570 KNDY-Ka- s/off 1615 11/13 w/ SSB (Fish)
 1590 WZUM-Pa- s/off w/ vocal SSB 1701 11/16 (rk)
 1600 CJRN-On- ID thru local WJNR 1628 11/15 (rk)

NRC NEWSROOM

PAUL GOUGH
 Box 263, Wallingford
 Conn. 06492

A couple of weeks ago we printed an item relating to the growth of FM radio as a medium, with a headline raising the possibility that it might signify the end of DX.

Since then, a letter has been received from a member objecting (in a friendly, constructive way), pointing out that if AM is on the decline it might mean better foreign DX. The idea to use this item is basically a good one, to introduce a new idea which might help us be aware of the possibility of change at some date in the future.

Perhaps some of the members are not aware of the tremendous growth of FM radio in recent years, and its possible impact on AM radio. With this in mind, and certainly only to inform the readers about what may occur, I tracked down the original source, and perhaps should point out the reasons mentioned in the report by the Chase Manhattan Bank.

Among the items specified as contributing to the growth of FM radio is its "technical innovations not applicable to AM broadcasting." These include stereophonic broadcasting and cross polarization of antennas.

The first is likely to do to radio what the stereo record did to hifi. If you can buy a monophonic record now, you'll find it costs the same as stereo. Record manufacturers have indicated they intend eventually only to make stereo records. Why? Because of more realistic sound. Compare the sound of FM stereo with that from even a good AM radio and see the difference.

The second, and perhaps equally important is the cross polarization which can account for better reception, particularly on portable and car radios.

"By the early 1970's, FM-equipped receivers will replace AM only sets as the dominant type of radio sold," according to the report, with four out of every five sets sold in 1975 expected to be capable of FM reception. "In fact, annual sales of AM radios are likely to decrease by better than one half over the next few years, losing much more ground to FM equipped sets in the table model and clock radio categories than in the portable and automobile radio areas."

Pointing out the possibility of a law which would make all imported or domestically manufactured radios sold in interstate commerce equipped with FM capability, "thus doing for FM what the all channel receiver law of 1962 did for UHF television, Enactment would also call for a revised 1975 forecast of over 65 million radios, all AM-FM."

Finally, the report also indicates the change in numbers of AM vs. FM stations. In 1958, there were six AM for each FM. Now there are about 4260 AM and 2025 FM, with the report giving an estimate of 4,500 AM and 3,000 FM stations on the air by 1975.

NEWS TIP

A motel clerk in Madison, Wisconsin called a radio station which offered a reward for the best news tip of the week before notifying the police of an armed hold-up. The story from the AP did not indicate however whether the clerk won that week's competition.

on WVMC TEST either Thursday. 11/13- WBNS-1460 Ohio 2:00-2:25am. On 11/10- KZOT-1460 Ark. s/off 6:00pm; KLLA-1570 La. s/off 6:15. MM 10/27- WCMS-1050 Va. on DX TEST; WOW-590 Neb. s/off 2:00am for report. Thurs 10/23- WMSL-1400 Alabama on f/c 12:38-12:45am end of test; WMLT-1330 Ga. on ET 1:13-1:22, both for second try at a verie; CJOC-1220 for Alta #2 12:52-1:10am. Tuesday 10/21- WEAS-900 Ga. ending ET @ 1:17am. WERT & WVAB TESTs were heard and reported. Latest veries: v/q- WOW, v/1-CM- WMLT-1330; v/1-CM-rate card-pgm sked, WMSL-1400; v/q WJBK-1500. Totals now are 735/335, 41/38, 5/5, 13/8. Does Washington, D.C. count as Md? (No-separate -ERC) Well, I guess I'm near 30 lines so good DX all.

BRUCE REYNOLDS - Route 2 - Warrensburg, Mo. - 64093

I have a week's reprieve from Air Force life & I'm back into the active world of DXing. CX seem real good, so I feel like I've been missing a lot of good catches. The address will be Sheppard AFB, Texas after 11/25. DX from Mo: 11/16- KVOB-1340 s/off @ 1:00am; WBNF-1290 u/WIRL 1:34-1:42am s/off(I think they were on late for FB), & WKLK-1230 ETing 1:50-2:00am s/off. MM 11/17- WHB off & WDSM-710 logged 1:23-1:40am w/c&w; CBX-740 finally good enough for a report, but still u/KCBS/Cuban @ 2:00am; CHQR-810 through WGY @ 2:29; CFAC-960 in for the first time in about three years @ 2:50am., they were regular in '65-'66, & CKNW-980 a surprise catch u/CKRM @ 3:04 w/KMBZ off. 11/18- Still good CX to the NW, as KVI-570 was dominant o/KLUB w/WFAA looped @ 2:30am & CBU-690 sneaked in weakly u/a loud XETRA & Cuban several times between 3-4am. I found the following veries waiting for me: v/1-WFMC (after f/up) KRSL (after about nine months) KISD. v/f- WNUS & KXYZ. v/q- KRUX WHN. v/c- KARK. Well, I hope to have more to report from Missouri next week. 73.

CHARLES WEHKING - 10531 Kennerly Road - St. Louis, Mo. - 63128

Hello NRCers - I'd like to start out this Musing by welcoming Ron D. Roth & Daniel P. Morisseau, my fellow Missourians, to the NRC! Things around here have been as far as DXing goes. I've got reports out to CKDM WLAC KVOO WSUN KIMN KRVN KALB & KNBR. (Cal. finally!) Some of my recent veries are: WRMS Beardstown, Ill. & WMIX Mt. Vernon, Ill., both daytime DX, WGY, & WTMJ. No luck w/TAS 11/7. I guess I'd better s/off now (Why, is it sunset? -ERC) to get three reports out tonight. Happy Birthday, NBC! Merry Christmas & Happy New Year!

MARTIN BLUMENTHAL - 10 Cutler Street - Worcester, Mass. - 01604

I finally came up w/a little domestic DX between chasing the TAs which as everyone knows have been quite good for a long time. 11/11 found two new ones at SSS as CKLM for some mysterious reason was not in. WBUX-1570 quite loud till 4:45pm s/off, reported. Then WTOW there till they went off @ 4:47. 11/13 brought WKER-1500 @ 4:48pm s/off, reported, u/WTOP. 11/15 SSS brought something of a surprise in WYNN-540 L&C till 5:15pm s/off, playing soul mx, good signal but almost impossible to copy the fast-talking DJ w/his heavy southern accent. SM 11/16 brought my best Canadian yet

in CJOC-1220 which kept fading in and out u/XEB & an unid C&W(CJSS?) (No, CFSC -ERC) I was so surprised I sent them a report, something I normally don't do with Canadians. MM 11/17 I came up with 2 newies & 1 tentative. A weak ID @ 2:00am looping west, but I couldn't get the call, KPMC, I guess, u/WQXR-1560 OC. Calif. was quite good, as KKHI was noted S-9 w/cl mx same time. XEMO-860 about even with KONO @ 2:12 w/religious mx in EE. Then at 2:30 I came up with my best US logging yet in KRDS-1190 @ 2:30. Sig was fairly good, but oh, brother, did WHAM 1180 slop really cream them! Barely enough for a tentative. My fingers are crossed. KRDS replaces KTFI-1270 as my best US. Weak EE noted on 650 @ 3:10 w/volume up full. No way of telling whether KYAK or KORL, as it was inaudible on M. Mouse Loop & only made it on my longwire contraptions. Hopefully more DX next time. Anyne got a verie yet from WSER-1550 which promised to QSL on their 9/14 ET. My thanks to Len Kruse for the KRG0-1550 v/s. veries: PJA6-925, Spain-827, KKJO-1550, Portugal-782, Spain-1097, & Andorra-818. 73

DAVE WHATMOUGH - 284 Main Street West - Hamilton 12, Ontario

3 veries in since last report- WGSM for TEST, v/1s from KJR & KBOE after f/up. DX as follows WLOB-1310 Me. TT ending 12:19. No sign of any listed f/c(MM 11/3, sorry I forgot it -ERC) except WPLB Mich buried u/local CKPC-1380. MM 11/10- WTRC-1340 Ind. TT 12:30-12:33, then I fell asleep & missed WBRG TEST. I tried for WUPR-1530 but channel empty. I finally heard an ID from that TT that's been covering WGN for the last few months, KIXQ Reno, testing w/50 kw and mentioning something about a CP. It definitely can't be Reno coming in with a signal like it has night after night - anybody know for sure? (Are you sure it wasn't the Cuban het from 719 before? -ERC) MM 11/17, first decent WC reception. KORL-650 S-3 sig @ 2:45. CKDA-1220 a solid S-9 @ 3:07 s/off. KFI-640 way o/S-9. I tried desperately for Alaskans on 650, 660, 750, but still no luck. 1190 had KRDS Ariz. on top all am w/about 3 faint traces of KEX u/them in a 1/2-hour period. KSEI-930 heard way/u CJCA @ 2:00 for Idaho #2. Unn r/c of KWYO-1410 in nicely w/WING. WDBJ-960 Va. have now changed calls for WFIR as of 11/5. Those 6 Nfld SPECIALS look interesting as Nfld still remains unverified here. Maybe one will make it. 73 for now.

BIG GEORGE KELLEY - 118 White Street - Belmont, Mass. - 02179

This past weekend was the best for me in quite some time. 11/16 KOA-850 Denver strong @ 4:10am w/local WHDH off. WKIX-850 N.C. ID @ 4:13, rr format. Pirate heard on 1068 @ 4:45pm fairly strong signal but much CBA QRM, possibly in Back Bay Boston (Try Waltham George, better ground conductivity -ERC) off @ 5:20pm. They played continuous Beatle mx & gave no annmcnts or ID's (Sounds like a pile of junk to me -ERC) RAI-845 Rome good @ 8:10pm, much WHDH slop, country #43. SRS-725 Surinam logged w/exc sig @ 9:40pm country #44. 11/17- HJDK-750 Colombia strong at 2:00am w/Caracol ID. BBC-1052, Start Point, w/nx at 2:10, excellent. Unn KNBR-680 noted @ good level @ 2:35 w/rr. KORL-650 hrd @ 2:40 w/fair sig. I waited five years for that moment, hi. (After that long a wait, your sense of time becomes distorted; I hope you didn't drive afterwards -ERC) KNX-1070 LA s/off hrd @ 3:04am u/OC of WCIR W. Va. , hrd strong @

3:05 on SPECIAL. WMVO-1300 was not hrd. CKOC-1150 Ont. noted very good @ 3:25am. WAPA-680 San Juan very good @ 4:00, word, "Wapa". That makes sense. (Sure does George, anything else? -ERC) WLPN-1450 Va. clear ID @ 4:25am, rr format. Before I get too spaced out I'll say good DX (?? -ERC)

C. DAVID PALL - 71 Hurlbutt Street - Wilton Connecticut - 06897
Greetings. The month of Nov. is my celebration of my first year w/NRC. For a re-intro, I'm 15(16 next month), a jr. at Wilton H.S. & besides BCB DX, I'm a CB'er(KQD6338). At the moment, I DX w/a Panasonic AM/FM table model, using 1/2 of Wilton's power lines as my antenna. (The world's only carrier-current antenna? -ERC) Totals are 243/109, only 6 countries logged, 5 provinces, 31 states. As soon as I can get my hands on a good rcvr - anyway, no DX of late as school and other garbage have kept me pretty well tied up. Last v/q was CHSC-1220 for report of 8/30. Yes, WHB is on 710. CU in Red Bank this Thanksgiving. (No, I'll be at Dave's in Middletown -ERC) Landline is #203-762-9572. 73 4 now.

RICHARD RICHMAN - 14 East Cheshire Place - Static Is, N.Y. - 10301
11/12- WASA-1330 Md. logged on RS u/WEVD, w/s/off @ 4:45pm; previously hrd on ET. I'm well on the way to completing Richmond: WXGI-950 w/ad & C&W o/u WPEN 11/14 @ 4:52-4:54pm. S/off of WRIS-1410 @ 5:15, same afternoon. Surprising catch was s/off of WMTN-1300 Tenn. @ 5:30. Whoever said weekends are great must have had this one in mind. Me. #4 in WPNO-1530 on 11/15, local nx @ 3:32 pm. MOR 'til 4:00, Af nx. Vt. #3 was WHWB-1000. Also first US on 1000 other than WCFL, 4:36-4:41pm w/sports, ads, & mx. Calls of WWOJ-1390 Va. @ 4:51, nothing reportable. WBBB-920 N.C. w/ads @ 5:05 on what is not an easy SSS channel. 1330 vacant for some reason - WEAW-1330 Ill. logged w/ad @ 5:28pm. Lots of others in but too much of a mess to be useful. WTAB-1370 N.C. seemingly astride the NC/SC border on my map, hrd w/s/off @ 5:15 11/16. Then, a big moment: WDAK-540 Ga. logged 6:00-6:20pm w/NBC nx, rr & ads. The sig got stronger during this time, but suddenly vanished @ 6:20pm in the midst of a song. Isn't that a little late for them to go DA? Next logging was a great one. If you'll all turn to my musing in 4/26/69 DX NEWS you'll find it says that KFI was among my 3 most wanted. MM 11/17 brought that catch for Calif. #2. The Cuban was on, but KFI still managed to sneak through on top, w/surprising strength and clarity. Thanks to call from Bernie Duffy, WCIR-1070 W. Va. w/their postponed test, ID @ 3:07 & 3:13 well o/WFLI. WINS 1010 off and in its place was CFRB, but u/o them was a station w/cl mx 2:15-3:02. My guess is CBR but no ID hrd. (definetely - excellent here too -ERC) A mystery that has been driving me up the wall is station on 1150 w/"The World Tomorrow" 1:15-1:45am. Help? Boston is now almost complete - WRYT-950 logged @ s/off 4:29pm 11/17. Also WDOJ-1540 Md. C&W s/off @ 4:59. Alabama #5 logged when WVOK-690 was hrd u/CBF w/ads, rr & Dixie s/off @ 5:39pm. Informative letter rcvd from John Shannon. Veries: 1 from Dublin! Georgia that is. WMLT-1330 sent v/f which states "we invite verification requests." Says TEST was conducted by same gentlemen who conducted the tests

I had heard on WDEN/WKGO/WCIX. Twice he thanked me for my letter - that's what I call Irish-Southern hospitality! v/q- WKRC, CHRS, WACE, WIBX, WASA. v/1- WSVS, WWCY. v/f- WCMS-TEST. Several f/ups w/special delivery stamps. 73 (Please watch the 30 line limit -ERC)

FRED OSTERMAN - 436 North Forest Road - Williamsville, N.Y. -
I got three new states one MM ago. 10/27- KSOO on RS-SSS. KRDS-1190 250w w/rr, KEX weak w/nx u/KRDS/KLIF w/mx. Also WNAK on r/c (sent nice v/1 in a week). YVLH s/off 1:05, WEXL WLDY WRIT all sdak (sic) around 1:40. KRAK-1140 w/rr, poor (?? -rx means "receiver" -ERC) KGBS w/good IDs & nx, WGSN w/Special (v/q in a week), WBRX & KWNN. States now 46/40. I also got Dakar-764 good for first time w/WJR off. Several other TAs noticed 10/27. 10/27 SSS- KTUF good w/C&W (heard almost daily now) & KPIK s/off about 6:45pm. 11/3- WCCR heard for first time since call change on SSS s/off. WPLB r/c @ 12:17am, KCBS poor at 1:12. QSLs slow. Does KOYN-910 verie? Recent v/1 KNEI (correct address is Drawer 111, Waukon, Iowa 52172). They say they will go to Ikw. soon. WNAK. v/q- KFAB WGSN KOMO. I sent airmail-special delivery report to KEX- nada! Do they verie? I'm waiting for FET Loop Kit. Good luck on your DX.

RICHARD E. WOOD - Dep't of European Languages - U. of Hawaii
Veries in the "in" tray: The new KYAK-650 Alaska, which already has a new v/q printed for 650; KIMA-1460 Wash., there'll be no more veries from this one, now changed to KMWX; KBYM-1240 Mont. most distant report, then my rarest & best NA verie, CBNQ-540 B.C., 40w.; KWKH-1130 La.; KUDI-1450 Mont., most distant report. MM 11/17 was a fine night for NA, w/the following reported: KWOY-1410 Wyo., WBIR-1240 Tenn., both r/c; KOMA-680 Wash. on TEST, noted despite severe splatler from local KUUA-690, WIRE-1430 Ind. my much-wanted 37th state, KTKJ-1350 Tex., CJGX-940 Sask. One other report out is KFGO-790 N.D. r/c. There has still been no repetition of the excellent European MM of 10/27, though traces of WDR-1586 are sometimes noted. WDR has now been verified, giving me a new continent, w/only Africa now unheard. (How about Antarctica, Richard, hi- ERC)

H. ROBERT BUNDY - Box 114 - Truk, Easter Caroline Is. USA - 96942
This being my first Muse, I'll introduce myself. This is my 4th year in Truk, though I've only been DXing since last December. Actually, I was an active DXer about 12 years ago, logging about 440 stns from 40 states on an old Philco rx. It sort of blew up one day, putting an end to my DXing. That, by the way, was from my home in upstate N.Y. I started DXing again last fall w/a Realistic DX-150. I've since added a Heathkit SB-310. Has anyone ever converted one of these for BCB? Besides MW, I like to DX on SW & ham bands w/ the result that totals are low on all modes. MW totals stand @ 275 from 38 countries, 9 states, & 2 provinces. Total veries are 38 from 17 countries, 7 states, & 2 provinces. Did I mention the antenna is a 240' longwire strung up to a nearby coconut tree? During the day I can hear a grand total of 2 stations- KUAM-610 & WSZC-1500. Just before LSS there are brief openings to the East. I've logged 25 NAs & 8 Hawaiians. The openings are short-lived as the JJs & Koreans cover

the dial soon. Add a smattering of RR, CC, Filipino stns & you'll have my entire dial. (I'll take it! -ERC) The JJs start leaving @ lam leaving many Phillipines which usually s/off @ 2:00. This leaves SE Asia, which is still pretty much virgin territory for me. About 3:00am, the BBC Masirah I. & Radio Kuwait are here along w/several Arabic stns. By 4:00, VoA-Rhodes, Radio Tirana, & other Europeans (I hope) are here. During the Summer many DUs & NZs are here. I logged 46 Aussies this past Summer but have not hrd a single one since Sept. There you have a brief description of the action here. I find it a bit tedious looking for verbal IDs of Oriental stns, but I'd better not complain, hi! I've used local time, as I see we are supposed to Muse in the time we use on conversation (and I don't converse in EST, hi). (All times in DX NEWS are EST, Bob, but we use AM & PM to keep it conversational. Use 24 hr-clock for IDXD. -ERC) A sample of NRC from 6/7 arrived here 10/22 by boat (ergo, Airmail subscription). It was out of date, including a Muse from Worcester about masochistic Mets fans. I hope the Bruins fare better than the Sox. Well, 73 for now - next time more DX & less talk. (Welcome to NRC, Bob! Great hearing from you & please make it often! -ERC)

DAN MYERS - Box 311 - Toledo, Ohio - 43601

Greetings, all. Since I got my antenna fixed, DX has been coming in fair. Latest: 11/14- 5:18pm, WHEL-1570 in, & couple of minutes later @ 5:21, WGEA-1590 in, also KLIK-950, just barely u/WWJ @ 5:49. WIBA-1310 @ 6:06pm in mess, & finally fo'call change, WFIR-960 Va. @ 11:20pm. 11/15- 12:27am, WRNL-910 a surprise in o/WSBA & whatever else. 7am s/on s/on of WANB-1580 followed by nx; 7:42am WCAW-680 W.Va., 7:30 WPDJ-750 W.Va. (If I could get rid of WJR-700 splatter, I could probably get this one in the daytime). 5pm, WLBJ-1410 Ky., & 5:33 WDXN-540. Six new in one day - not bad, hi. 11/17- WVOL-1470, 12:59 s/off of WTJS-1390 Ky., 1:17 ET/TT from WNKY-1480, & @ 6:37pm, WKYX-570 u/always dominant WKBN. CX haven't been too good in the last couple of days (this being written on 11/20) so no DX. Veries: v/1- WLKE KRNT KFI WHLN WMT WKIC KQWB. v/q- WTRY CKCK. I'm working on a card log now of locations & will soon have a log in chronological order as well as the one by frequency. I'm up through 1500 (from 540) in the card log now. Totals: 549/64, states 41/31. I hope to see a lot of people in Akron. (I understand there are, Dan. Hi -ERC) I'm planning on adding a tape recorder while there to my equipment (going to get it at Olsen's). Any help on these, anybody? Unk TT-1390 1:01am, unk TT-1320 1:05 tune-in to 1:11 ID every 2 minutes; s/off @ 1:24 on 980, WILK or WRC? (Sounded like it could have been either) & unk TT-980 @ 1:23. All 11/17. I didn't hear WMVO or at least I don't think I did. I hrd someone w/just mx & a Job Corps promo @ 3:15, but after 4 they were still on, when WMVO wouldn't have been. Oh well, I'll check on it. Anybody got a verie from WERT yet? Nothing more to say, so I'll save Ernie's fingers, hi. 73 & Peace. (Rec'd Sat. Airmail Special -ERC)

GEE, LADS, WHAT WE NEED IS MORE MUSINGS FOR MY NEW TYPEWRITER. PLEASE SEND THEM IN DOUBLE-SPACED TO BROOKLYN REMEMBERING THE 30 LINE LIMIT! AS THEY SAY IN THE AMERICAN SECTOR OF WEST BERLIN, RIAS, REPORT IN ALL SECTIONS!

FISH ON FDXC

FDXC now has 45 DXers in friendly competition. I shall submit detailed standings to DX NEWS and DXM once every 4 to 5 weeks but will put club scores and contest scores in Musings or/and DXF on a more or less regular basis. The first official standings have just been sent for publication when there is room in the bulletins. Presently Club Scores are: NRC (50.3), IRCA (33.5) and Contest Scores IRCA*D (67.1), NRC*D (69.9), NRC*F (30.7), IRCA*F (0). Almost all who have entered or returned their first forms say the contest is a darned good one - the thing gets tough as it progresses. There is one point numerous chaps have written to me about, and that is the 5 point deduction clause in the scoring rules which presently reads: "Any FDXC form which is not completely filled will receive a deduction of 5 points for each frequency or line skipped or omitted." This applies to both the domestic and foreign divisions. Since this is 'OUR' contest & it's not a blood & guts affair, I declare that henceforth the above clause shall be remanded and stricken to read with five(5) changed to three(3). The reason for the deduction is to make you dig under those sweet little power-house pests! Furthermore, what is to be logged on some of the clear channels has been brought up by a number of entrants: answer is based on NRC LOG as follows - Listed are those clear channels with four or less US or Canadian stations - Domestic Contests only- 650: KORJ, WSM, KIKK, KYAK. 670: WMAQ, KBOI. 700: WLW. 720: KUAI WGN, (KIXQ when on). 830: KIKI, WCCO, KBOA, WNYC. 840: WMOB, WRYM, WHAS, WVPO. 880: WCBS, WRRZ, WRFD, CBDH(KRVN about 4/70). 890: WLS, WHNC, KBYE, AFRS. 1030: WBZ, KTWO, KCTA. 1040: KHVH, WHO, KIXL. 1150: WJJD, KSL. 1180: WLDS, WHAM, KOFI, VOA-FLA. 1200: WOAI, CFFB. After you have logged all the stations listed above on a given channel, no point deduction will apply to that channel. This list is pending new stations taking the air on these channels prior to the end of the contest, but if you log all the stations on a channel before a new station takes to the air, you will not be deducted the three(3) points in the interim. Got to get off the glue, them stamps from all FDXC forms coming and going keep me high and off the dials!

JOHN HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan - zip 11/10 horrendous(or it may be tremendous, you just can't tell with my typewriter -ERC) CX today. New log on WLTH-1370 @ 9:30am; now its 6:00pm & dial is virtually empty. Loud SS atop 1150 @ 10:30pm noted many times previously when aurora CX, I assume R. Variedades, Mexico. 11/11 - with more aurora CX, SS all over. One on 620 s/off w/an anthem, loud and brassy & lively anthem @ 11:30pm, I believe Santo Domingo- César- does this sound right for your local? WJLS-560 s/off SSB @ 12:00, not 12:30 as in log. WVMT well atop 620 @ 12:00 also; WCHS-580 atop 12:05. 11/12- HJBJ-640 Santa Marta surely the one w/ "mx Colombiana" @ 12:05, no sign of Cuba, much mention of Cartagena also & "La Reina Nacional" (the beauty queen). I have never seen this one reported. Excellent pm towards Va. & W. Va. At three pm stations like WKBA-1550 WHHY-1470(new) completely atop. Also new WGOH-1370, WKIX-850 @

4:30 pm, WSMI-1540 @ 5:15. 11/13 started w/WLW-1330 atop 3:15pm, WJLB-1400 @ 8:30pm. PM excellent towards Ohio, Indiana. New were WIMS-1420 @ 3:30, WVKO-1580 @ 4:30, WMTS-810 @ 4:45; WBEE-1570 @ 5:30 s/off, WTAY-1570 @ 5:45 leaving KOLS all alone, last three unnn; CKWW-580 first time on R3 @ 11:35pm. 11/14 I had both KTCR-690 & KFUD-850 w/8:15 s/ons, unnn. Noon, unbelievable S. Wisc reception- new WRAC-1460 way atop 1:10, also unnn WMIL-1290, I tried for my closest unheard, new WAGO-690, but CBF too powerful - @ 1:00pm yet! Also at this hour WKBH-1410, WCCN-1370, WBEL-1380, WKRS-1220. Then long-sought WRJC-1270 atop WWJC/WXYZ @ 1:20, Wisc. #81. KJFJ-1580 o/u CFOR @ 5:45pm; 6:00pm s/off KDOM-1580, w/at least three others there, s/off w/America & one SSB. KLTR then atop weakly. KPIK-1580 vy loud @ 6:45 s/off. Then KTUF atop but weak. 11/17- WRQC-1280 @ 1:00 s/off w/YL anncr, also WTAQ-1300 1:00 s/off w/SSB, WLWL-1330 w/YL @ s/off 1:01, no anthem; CJOY s/off 1:05 w/O'Canada; WKPC-1380 ditto (With O'Canada, thats what I call hands across the border-ERC) WYSL-1400 way atop. WHK-1420 off @ 1:05 & someone atop WBSM in EE until WAMM began testing w/pop mx @ 1:10. 1460 was clear @ 1:20 except for a vy weak SS & then WOKO. TT-1480 @ 1:20 & ID @ 1:22 but vy tough w/rr; I assume WNKY r/c. WESR-1330 ET @ 1:30; WTAQ-1300 ET @ 1:30 u/WERE, new call & log KMWX-1460 Yakima all alone @ 2:02 s/off w/no anthem, my sixth Washington. KTFI-1270 s/off 2:15 w/vocal 'May the Good Lord Bless and Keep you'. HJDB-990 atop w/RCN at 2:55, my #24 Colombian. Long-sought CBX-740 w/O'Canada @ 3:04 s/off weak u/Cuba. No WMVO-TEST...

RICH EVANS - Box 1988 - Gary, Indiana - 46409

Not much this week, I'm afraid. 11/17- WLWL-1330 noted AN apparently, CHLO-680 4:58 poor, WSGN-610 unnn but not often @ 5:15; WBOO-740 4:00pm, much wanted, but vy poor; WNUS-1390 hrd w/SSB as a matter of editorial opinion; WUST-1120 s/off @ 5:00pm followed by WWOL-1120 but much wanted; WNOP-740 5:24 w/3 minute spot! WXMT-730 5:20. 11/17(Do you go by the Int'l Date Line often? -ERC) WKSK-1600 f/c 12:09-12:30 poor u/WWRL; WNKY-1480 r/c & WGNE-1480 r/c both logged same time; KRDS-1190 good C&W (Is there any other kind? -ERC) 1:21-1:40; KTAR-620 s/off 2:00am followed by WTMJ-620 1 minute later; WKDA-1240 2:30 rr good for a few minutes; WSAU-550 vy poor 3:00am; WBTS-1480 r/c 3:15-3:25 s/off-SSB; WLEE-1480 poor 3:25; CBU-690 B.C. s/off 4:05 opened up 690 enough to let KRCO-690 SPECIAL sneak in w/3 IDs, vy vy poor; WBEN-930 s/on @ 5:00am @ same time WEOL-930 of my uncles home town s/on; then to WBNS-1460 s/on 5:31 w/SSB; KOLS-1470 r/c 6:53-7:00; WPTW-1570 s/on 7:01. 11/18 CHIR-730 noted w/HI; KCBS-740 well at first, then u/KRNG 3:40; someone w/EE mx-easy listening u/WSB, no IDs, who? Hrd again next night. 11/19- WKBJ-1600 r/c-TT u/WWRL 2:00-2:15; KFLN-960 con- cluding f/c 2:35, much needed for IRCA contest; WAAM-1600 3:12-3:25 good mx, WEAW-1330 testing all AM; WHBC-1480 w/spaced interview 3:15; WABJ-1490 noticed 4:28½ unnn; WMEX-1510 topping WLAC 4:30; WVNA-1590 s/on o/WAKR @ 4:32; WKNR-1310 vy poor but much needed for report 4:48-5:05; unid-1370 5:10 s/on, probably WTTS; WBZE-1470 5:53-6:00, TT. Veries: v/1- WAMY, KDWB, KEWI, WCAZ, WCBL, v/q- KWY, WTAX. v/pp: WHRT, WRR. Totals now 784/381. No answer from

these stations written in Oct: WANS, WSJC, WBTO, KDFN, WGST, WRMN, WMUS, WPNX, WCIS, WELO, WMPP, WVAB, WMEX, WCTT, WRNY, WSYD, WAA, WATO, KCHA, KTHS, WTNT, WCVS, WMOB, WYSL. Anyone w/suggestions? 73. All times AM unless otherwise noted.

ART CONFORTI - Anchorage, Alaska - zip code goes here

I read ERC's Musing in the 10/18 issue about R. Free Asia. I checked back and about 10/22 @ 3:00AM Alaskan S.T. I monitored a nxcast from R. Free Asia. I have no idea whence it came. The accent was JJ but could have been S. Korean. If you haven't thrown away your junk mail yet could you pass the information on to me as I would be very much interested in finding out where they are (they were around 1600 on my car radio w/a very strong signal). I've only been actively monitoring BCB DX since this past summer. Here in Alaska summer is excellent for DX from Canada (B.C.), Wash., Calif, and Mexico. Unbelievable as the Musings make this sound, among the stations I got in July & August were: KGO, KFRC, XERB, CKDA, KJR, KEX, & others. You might try KYAK-650 in Anchorage. They just moved to 650 & increased power 25 kw. The most powerful in Alaska. If you need an Alaskan station, this or KFQD-750 would be your best bet. If you like to chase weak stations, AFRN (Alaskan Forces Radio Net) of AFRTS, broadcasts on several freq. throughout Alaska w/power ranging from 10 to 250 watts. I hope to hear from you soon. (Welcome to NRC, Art, and I'll see if I have the data from R. Free Asia. How about frequencies of those latter? -ERC)

ERNEST R. COOPER - 438 East 21st Street - BKLYN, N.Y. - 11226

No veries. I have been trying to get a log on YNG-555, but as yet, not enough. 11/18- Still after my FFC on 1340, this evening, it was WPA on top mostly all the time 6:25-7pm. MM 11/24 WGTO-540 noted with their new 50kw. XR, nicely ripping up 540. Log this aM finally on R. Tricolor-730 w/CKAC seemingly off rs and on OC & TT 2-2:30. Same time, no sign at all of WERG-810 u/WGY w/continuous mx, not even an anncmnt break! There was just a bit of TT noted @ 2:26 but it could have been KAFE who have their r/c then. No sign of either KHEY-690's r/c 2:05-2:20. Unn WPAZ-1370 on ET/mx @ 2:52, then TT, o/WSPD, who now has that lovely HI lady, even on MM. I repeat, I'll not spend a plug nickle in ANY HI as long as these myriads of AN shows remain a plague to DXers. WHK off again today, also off were WCCO-830 and local WJRZ-970. Another SS came atop R. Uno-660 @ 4:02-4:07 then faded u/them, I suspect a deep SA.CUN7. (WELCOME TO NRC, ERNEST, AND WE HOPE

YOU'LL DOUBLE-SPACE US MANY A MUSING IN THE FUTURE!)