

ATIONAL RADIO CLUB OF AMERICA

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	27	CKYL	610	Poaco Ri	vor, Alta.	lkw.	0300-0	400	NRC
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	3	CHSM	1250	Stoinback	n, Manitoba		0330-0	430	NNRC
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	11	CHOV	1350	Pombroko	, Ontario	lkw.	0001-0	200	NNRC
	17	WCRO	1230	Johnstown	n, Pa.	250w.	0200-0	230	NRC
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13 (3)	24	CKCQ	570	Quosnol,	B.C.	lkw.	0400=0	the state of the s	NNRC
	24	CKWL	1240	Williams	Lako, B.C.	250w.	0400-0	500	NNRC
	31	KPRM	1240	Park Rap	ids, Minn.	250w.	0300-0		NRC
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MEM MEMBER

#461. Scott Bloom, 425 Dayton Avc., Apt. 3, St. Paul, Minn. 55102 Ronowals: Jorome Wolf, Rochestor, N.Y. John Gifford, Urbana, Ill. Jody Coles, Houston, Toxas Charles Hrinko, Fair Lawn, N.J. EDITORS

Forum: (California) Gray Scrimgoour, 1105 Virginia Way, La Jolla, Calif. (WEst of Miss.) Larry Snouffor, 6731 Markwood St., Worthington, Ohio (East of Miss.) Stoven Russell, 8914 Mohawk Lane, Bethesda, Md. 20034 DXWW: Ed Krojny, 6538 Belmoadow Drive, Middleburg Heights, Ohio DTI: Dave Johnson, 8263 E. Mansfield Ave., Donver, Colo. 80237 Snouffor's address (after Jan. 1): Box 98, Perkins Hall, U.Ohio, Athens, O.

SACCA LOG Many of you have been inquiring about the SACCA log which you ordered more than a year ago. No word in ages here at HQ but perhaps Dave Gleason can shed some light on it. Wo'd like to be able to either get your log to you soon or refund the money,

KDEO DX KDEO, 910, El Cajon, Calif., lkw. on Monday, Dec. 27 will hold a special for the IRCA. This is a NSP station but usually doesn't verify reports. From 0300-0600 EST, they will verify all correct reports. Taped reports are OK. All reports MUST be sent to: Bill Lipis, 839 Terra Lano, El Cajon, Calif. 92021. All reports going to the station directly do not get past the front desk.

IRCA STATIONERY

The newly printed stationery is available now at a cost of \$1.30 per hundred sheets. It is done in red, white and blue and makes an attractive method of sending reception reports. Order from HQ: Box 112, Engle wood,

Concerning TP Fade In Times of Gardon Nelson

"Certain of your members seem to be very upont by the fact that they have been able to hear TP's at times which correspond to late afternoon at the transmitter This should not be at all surprising. Last winter I did a study designed to yield data about the earliest actual times of reception of 'M's here in Watertown. Before I describe these experiments, let me show why they are quite relevant to the TP problem. In the case of the fade in of TA's, almost all of the signal path is in darkness except for a small portion of the path near the receiving site. and form of the fade-in curves are controlled primarily by the loss of ionization in the remaining sumlit section of path. As soon as the solar illumination in the receiving end of the path begins to decline, recombination begins to take place and this last 'bottle-neck' begins to vanish, thus permitting the station to fado in. Note that at each point in the path we may assign a certain value of signal attenuation (in db) and that the total attenuation of the signal is the sum of the attenuations of the individual path elements. When a path element is illuminated its attenuation is very high; as soon as dusk begins at the locus of this element of path length, however, the attenuation begins to fall very rapidly. Therefore as dusk approaches at the receiving site, almost (but not quite) all of the total attenuation that the signal is undergoing is the result of the attenuation of the last segment of the path. As the receiving site approaches sunset the total attenuation in the path may be grouped into two terms, one corresponding to the effect of the still illuminated segment and the other to the segments already in the dark or far into dusk:

Total attenuation (db) = Attenuation at receiver end (large in value and changing rapidly with time) + Attenuation in rest of path (which has already dropped to a low value and is changing slowly).

Note that as time passes the total attenuation will be a very strong function of the events at the receiver path end.

Now comes the great underlying assumption that ties together the TA and TP cases. A basis assumption of communication theory is reciprocity, i.e., the tacit assumption that the signal doesn't know if it's coming or going, hi. We should be able to exchange the transmitter and receiver sites and still observe the same path characteristics, in particular, we should observe the same path attenuations. This is usually quite a good assumption but is not quite valid on the real Earth because of the fact that the direction of the earth's magnetic field will appear to have changed (as far as the signal is concerned) when the transmitter and receiver sites have been interchanged. This effect will probably not be noticeable but should be kept in mind.

As the signal leaves the Asian transmitter site (as dusk approaches) it first encounters a huge attenuation in the sunlit region of the path; whatever small amount of signal that manages to get through, however, then has an all-darkness path to the receiver site. The only difference between the TA and TP case is then due to the fact that the TP signal encounters regions that have been in darkness very long and therefore encounters slightly less darkness attenuation than does the TA signal. We would then expect that TP's should probably fade in with about the same time pattern of signal strength as is exhibited by the TA's except that the TP's may perhaps reach a readable level a little bit before the corresponding TA would as the result of the effect just mentioned.

It should then be rather obvious that if we can get some idea of just how early a TA may be heard, we have made a start on the problem of the fade-in of TP's. My experimental technique was as follows. The stations studied were Miramar-782 and Dakar-764; the results were essentially the same, the differences noted will be discussed later. I set the receiver to the TA channel with the aid of my frequency meter and threw on the BFO such that any trace of a carrier on the channel would produce a 2000 cycle beat note. I then filtered the audio with a bandpass filter peaked at 2 kcs and connected this signal to a Rust-Rak continuous hot-wire paper recorder. As soon as the first traces of the TA carrier appeared, the time was marked. This is just about the most sensitive method for the detection of weak carriers in an environment of white noise. I also made note of the time that audio first appeared although

this time is rather dependent upon variations in noise level from day to day,

Over the space of two weeks, I found that the carrier generally became detectable about 1 hour and 42 minitos before my local sunset time. Audio tended to first be heard about 45 minutes before local sunset but on very favorable days audio was heard about an hour before local sunset time. Slight differences were noted (5-10 minutes) between the corresponding times for Dakar and Porto and this is believed to be due to the following factor. The sunset time which we should be concerned with should really not be the sunset time at the ground at the receiving site, but rather the time of sunset at the place where the path intersects the ionosphere. These points (the control points) depend upon the Great Circle path involved; for a station which must initially put a signal due North in order to be received here, dusk will come at an earlier time because the corresponding control point is located at a higher latitude than would be the case if the signal traveled on a more westward path. These effects must be taken into account when precise calculations are made but can be neglected here since all we are trying to do is get a rough idea of the magnitude of these phenomena.

LEG (10/30/65 DXWW; kgs) seemed upset to have heard the Chinese station on 1119.5 at a time which he says corresponds to 1539 in China. First of all, the exact time in China is a function of the location of the station. But that's a minor concern. Let's assume that the station is in Harbin just for argument. In that case, the exact time of sunset at Harbin on that day is 0342 EST; therefore this station was heard just about an hour before sunset Harbin time. In view of what I have said above this is not very upsetting."

Thanks, Gordon. Two comments: (1) Path directions and attenuation characteristics obey the reciprocity principle quite nicely, but one factor hurts us here in California: Local or semi-local atmospheric noise. As you know, reciprocity of radio signals between two locations - one relatively noise-free (eg., cold weather) and one having higher levels of noise - favour reception at the noise-free location. Therefore, in California, where winter noise levels are comparatively high, we get fewer exceptionally early trans-oceanic signals. (2) The distances between us and the TP's and you and the TA's is considerably greater, hence causing less reliability and constancy of reception here on the West Coast. I'll try seeing when some of the stronger splits (eg. 875 kc Pyongyang, 835 kc China) give measurable carriers and audio. JOIB, 750 gave audio November/64 at 0115 EST one night; that's my earliest Asiatic TP. kgs.

Here is some interesting information received from Mr. Reuben K. Uatioa, Broadcasting Officer of "Radio Tarawa" in the Gilbert and Ellice Islands.

"Gilbert and Ellice Islands Broadcasting Service - 'Radio Tarawa.' Transmitters and Studio are located on Betio Islet, Tarawa Atoll, Gilbert Islands, Central Pacific. Position: Latitude 0121 North, Longitude 1725 East. Stations: VTW: Operating on a frequency of 844 kcs. (355.5 meters) with an aerial power of .05 kw. Aerial is a quarter wave folded flat top 'Tee'. VTW-2: Operating on a frequency of 4912.5 kcs. (60 meters) with an aerial power of 2.0 kw. Aerial is an 8 element vertical incidence array 40 feet above ground and designeds to cover the Gilbert and Ellice Islands group only. Both transmitters are in use simultaneously. Times of transmission are as follows: English language: 7.30 - 10.30 p.m. Thursdays (0230-0530 EST; lbg) and Gilbert and Ellice languages: 4.30 - 7.00 p.m. Sundays, Mondays, Tuesdays, Wednesdays and Fridays (2330-0200 EST). A programme schedule for overseas listners is not published as transmission is primarily in local languages and intended only for reception within the Colony."

For verification, the station issues a QSL sheet. Good luck!

Thanks to Larry Godwin for typing this up. The West Coast DX Gettogether will probably be Saturday, January 29th weekend; place not decided yet. Sam Luis Obispo area. More next week. Larry Godwin, Art Peterson, Randy Seaver, and Gray Scrimgeour plan to be there. Anyone interested write any of the above 4 people. Where's the CPC? No IRCA DXes at all this year. ?? Let's do our share for the hobby. kgs

Arthur Peterson - 2726 Rollingwood Drive - San Pablo, Calif. 94806 Hi gang! Lots of DX. 11/16 - on a tip from Larry Godwin -- TA's were in. 0055 to 0200 BBC-1214 with a good signal, except at ID time w/some WCAU. 0110 RTF-1205 not as good as BBC, but was a definite catch. 11/21 0630 R. Peking u/WOWO-1190 with same anthem as 1040. By the way, Peking-1040 has changed its format. It no longer signs off for 5 min. on the hour. Also IDs as "Peking Hoso" 3 min. before the hour. 11/25- 0530 PJB-800 loud in 55. 0600 HLCA-970 w/ID. 0400 WCAL-770 s/on. WHO-1040 was in here until 0900 with a good signal (4 hour past dawn in Iowa). 11/28- D500 & O600 HLCA-970 again. 0605 China-835 very strong. 11/29 0307 KOLO-920 s/off. 0345 WFBM-1260 test. 0348 KACY-1520. 0420-0500 WTIC-1080 u/KRLD good at times. Reports out to BBC. WTIC. Jeff Ross: Heath Q-multiplier is quite good. Before I got my Bendix rx., I used the Q-mult. with my other rx for a year with no troubles. Not only improves selectivity, but adds a little gain as well. I like the idea of the WC DX Roundup; To look at DXM you'd think we had only 25 members! Let's get on the ball out there. Report every other week if you can't report weekly. The club would benefit. ATTENTION - all you California members: A DX gettogether is being planned for probably the last week in January in the Santa Maria area. Exact dates and place to be set later -- watch for it. 73

Larry Godwin - PO Box 1048 - Berkeley, California, 94701.

Hi gang! The last 2 issues of the Monitor made very good reading. I liked Gray's editorial on the meaning of DX and think there is a lot of truth in it. I also like the new West Coast DXF addition of Domestic DX Roundup and think it does a fine job of streamlining the section. (Not enough tips for one this week; KGS). Finally, I like the use of the 24-hour clock in the bulletin, eliminating possible confusion. Denver gang, how about giving Bill a hand with the publishing? Art and I received a very interesting tape from Rich Heald up in Sitka, and I thought I would pass on some of the DX he has been getting. Rich sys that the new AFRS station on 810 in Alaska is King Salmon, ex-790, and that it will move to another new frequency soon. Also he heard the Kremlin bells on 1180 kcs. at 0630 EST - a new outlet? His best catches include both Fiji and Tasmania on 710 and New Caledonia on 1400 kcs. Good DX. By the way, KTRH,740 was atop the channel at 0749 on 11/29.

Rich Heald - PO Box 1576 - Sitka, Alaska, 99835. Greetings from the 49th state of Alaska! Came up here at the end of August to work for KSEW. DX in the great North woods (only we're not so far north) is of course the best anywhere in NA, with the possible exception of May-July, hi. Alright, Ron Schatz. Here's daytime DX in Sitka, with figures in the same order as you had them (11/27;kgs). Signal strength above 59, etc. 550 KARI 850 20 5, 560 CHTK 250 30 1, 590 CFTK 300 10 1, 600 CJOR Vancouver 810 40 10, 620 KGW 980 S9 5, 630 KJNO 93 10 1, KGDN 890 40 10, 740 CBX Edmonton 900 S9 50, 750 KFQD 580 40 10, 770 KXA 890 10 1, 790 KCAM Glenallen 530 10 5, KCMI 865 10 5, 800 KINY 93 30 10, 920 KXLY 900 10 5, 930 KTKN 188 30 5, 940 CJIB 780 10 1, 950 KJR 890 20 5, 960 AFRN Kodiak 500 59 ¼, CFAC 950 20 50, 1050 KBLE 890 10 5, 1070 CFAX 850 10 1 (Ooh! kgs), 1090 KING 890 20 50, 1130 CKWX 810 30 50, KEX-1190 980 miles 30 50, 1230 Brand X $\frac{1}{4}$ - $\frac{1}{4}$, 1300 KOL 890 20 5, 1320 CHQM 810 20 10, 1400 KSEW Sitka O $\frac{1}{4}$, 1520 KYMN 980 10 50. Now then, Ron; what were you saying? Living only 2 blocks from KSEW and $\frac{1}{4}$ mile from Brand X. I have troubles in the upper end of the band, but I still manage to get a few stations. In addition to those listed, I also get these but under S9: KENI-550, KVI-570, KHAR-590, KEPR-610, KFAR-660, CKUA-680, KXL-750, CKOK-800, CJJC-850, KFR9-900, CFJC-910, KGAL-920, KIBH-950, KOIN-970, KWJJ-1080, CHQT-1110, CKXL-1140, KAYO-1150, KPUG-1170, KAPY-1290, KNPT-1310, KETO-1590. That's daytime DX!! Will send latest DX next issue, no room for it in this report. Since coming here in August, have logged 158 new ones, most of which are of course foreign. Say, if any of you have any problems on TP's and DU's, don't put a ? mark in your report, ask me. 10-1, if you've heard it, I logged it before you did. See ya in 7. 73 from the #1 (and only?) DXer in Alaska. (Hi, Rich. If that's your daytime DX, I'm frightened to think of what you get at night! Can hardly wait for 7. kgs).

Ron Leonardo - 4249 Woodland Avenue - Modesto, Calif., 95351
Saludos! The latest thrilling episode of DX by ole Ron. SM 12/5 found me no new loggings worth mention, but I found a good opening to the North--theone direction i don't need it to. Re-log of CJIB,940 0300-0310 with perfect reception. Rumour heard that KFRC,610 is planning a switch-over to pop music come 1966--that may explain KNBR's reswitch to smooth programming. KUAI,720 now sneaks in every evening u/WGN esp. after 0100. All for now, 73. (Sorry for the short reports, but don't want to mention all my relogs. Ron; much appreciated that way, Ron. Gray).

Randy Seaver - 2119 30th Street - San Diego, California. Gray. I'd like to add one item to "What Is DX?" DX is not logging a station on a trip and returning home and writing a report to that graveyarder or whatever. I believe John Tucker touched on this a year ago. For DEE who needs help in logging umpteen squared more stations: KVIP--try s/off, KMVI s/off 0400?, KRAI heard 0030 s/off, and at s/on. KLZ easy evening and 0700, WDAF w/KFRC off, WSUN rough now, used to be clear channel on 620 (heard with loop 2 weeks ago; kgs), KIDD at s/off, and RS, KXOK-630 with KHOW off, KGVW-630 on r/c, WNAD-640 at s/on, 0745 in March, KHEY-690 when XETRA off in evenings (some Sundays 2300-0000) and after 0700 s/on, WTIX-690 w/rock w/XETRA off, KGNC-710 sometimes at s/off, r/c, KSVN-730 s/off or s/on - check around 1900-2000, WFUN sometimes ω/WQXI, KFYO-790 0600 s/on, CKLW-800 AN, WFAA when WBAP not on, hi! WRUF-850 0530 s/on, KIMO-850 0300 s/off, WKIX-850 heard on RS at 0645, CKRD-850 when KOA off (DST best), KTRB-860 at s/on O800?, KIFN-860 in SS many mornings 0730, KAIM-870 SM's w/WWL off, KBYE-890 0700 s/on? KDYN has r/c. KVEC-920 in evenings, KAHI-950 might try s/off, 1930?, WAVE-970 at 0500 s/on, KOIN-970 s/off after 0300 (often through KCHV; kgs), KMBC-980, after 0600, KICA after 0700, KSVP-990 heard on r/c. Not sure of the others you listed. To me, the ideal bulletin would be this: Either 3 or 4 sections of DTI, one for each time zone or geographical area. ' If we get 10 reporters to each section weekly, there would be a lot of DX listed, and everybody's logbook would swell. Add to this Ed's fantastic DXWW, and a discussion section, the DX Forum, and I'd consider the bulletin tops in the field. Comment? I note some people hear CMBM on 1157 and R. Americas (Swan Is.?) on 1165; transposed frequencies?? Methinks so. Good comment, RFS, on R.A.; is there any chance of there being 2 transmitters simulcasting? When you said "The coastal areas of Florida, Cuba, Swan Is., and Honduras, the last two being extremely remote possibilities," you did mean the first two , didn't you? Via tape from LBG, Chris Hederstrom, who travels by Swan, said that images are prevalent in the area.

Jim Smith - 7719 El Paso Street - La Mesa, California, 92042.

Hi again. Veries in from CBW (Man. #1) and KFAB (Neb. #1). Reports out to CBR-1010 on 11/28 from 0105, and CBK-540 on 12/3 from 2303. Other reports still out include KOMA, KCLS, WGN, and KOOL. It looks like I got my WPE call just in time to have it banned, hi. What's everyone got against card-swapping and getting your name in PE? As Lance Muller pointed out, in about 10 years most of us will be "old timers and respected DXers" anyway so why not with WPE calls? By the way, I swap 100%, hi. In news of Tijurana and vicinity, XEGM-950, formerly all SS, is now planning all EE programming with rhythm and blues aimed at the Negro audience. Still SS except for 0100-0400 EST time slot which is being used as a "preview" of the future format, expected to be full time by about mid-Dec. Identify as "Rock 95 over San Diego." Man at the station claimed them to be 50 kw, and may be for all I know, since they aren't listed at all in White's Log. Let's hear from everybody. 73. (Nice report, Jim. XEGM is listed as 2500 watts in the Vane Jones Log; kgs). And Jim adds "Merry Christmas."

Gray Scrimgeour - 1105 Virginia Way - La Jolla, California Seasons greetings to all IRCAers! Rich Heald: can you get a clear ID on tape of the 843 kc Oriental, immediately after it plays "Stars and Stripes Forever"? If you can, send it down for translation, or check and see if it's Kiangsi. Would and a mystery! Have you heard 488-1120, as well as WVUV, Rich? Can't get WVUV here. Randy: As most people know, I favour your "ideal bulletin" ideas; there were also some good suggestions made at the Convention, and submitted along with the minutes, for possible inclusion in the editorial policy. Jim Howard writes that he enjoyed the KC Midwest BCB Gettogether, and will put pictures of it in SWL News. Also says Richard Wood will be writing some articles on BCB. Veries in from WING, KAPT, Peking-1119+, BBC-1214. CJME's DX on 12/6 made it from 0359 to 0415 under KYNO. Had some smooth music (alternating orch. and choral) under JORF/KBOX on 1480 from D3DD; no ID - WMQM? HELP!! There was a TT (variable and fading) under CFGP and XEG when WTCA's test was scheduled on 12/5, but it was too loud at times and went past 0330. Maybe 2 testers. Anyone east of here ID it? The mystery on 955 kc. gets more interesting - heard on MM 12/6 from 0515 with pop US music, inc. Roger Miller with "Chug A Lug"! And "Cool Water." Lang. doesn't sound like Mandarin, but slop is so bad I have to use the 1 kc. selectivity, so voice is poor. Seems to fade in near 0500 or so. Heartening fact was the absence of any Peking ID. I won't be able to continue too much longer as a DXF editor, so hope there'll soon be someone to help Larry Snouffer with the WC. Good luck to our new editors. And lets make the bulletins fatter, not slimmer. Report your DX. 73.

QUESTION BOX - Nick Hall-Patch

What is KFMB's power? (5000 watts)
Oriental w/ woman reading what sounded like a list. This was at 1007 on 11/26 between 650 and 655. Any ideas you foreign type DXers??? (2 stations being heard in this range; probably Pyongyang 655 kc. kgs)
Nick Hall-Patch, 2643 Cavendish Ave., Victoria, B. C., Canada

Anyone know of the SS on 800 before CKLW s/om? (Probably PJB) Jerry Walsh, 368 16th St. East, Owen Sound, Ontario, Candada

Nick Hall-Patch, 2643 Cavendish Ave., Victoria, B. C., Canada Greetings, people. I emerge from the dusts of time to issue another report on things DX-wise here. Not much. Way back on 10/31 I heard WBT--just an ID at 0505 after the news. Not enough to verify ---! It was a new state anyhow. I also got KGMB-590 0445. On 11/18 I heard KFQD on its new frequency of 750 at 2335. On 21/11 I got WIP-610 (0520), KXOK-630 (0540); CKRC took over from KXOK at 0600. I also got KSJB-600 (0635), a new state. That wasn't too bad a morning. Then on 11/28 (last night) I heard CKYL-610 at long last at 0030. I've been trying for this one for a long time. I must get a few more QSL's so I can enter a decent showing in the Domestic DX contest. I've got reports out to KXOK and KSJB. Maybe I'll get KMER-950 in the DX program tonight and add a few points to my totals-to-be. That's it. Good DX. 73.

Ernest J. Wosolowski, 1416 Pasadena Ave., Omaha, Nebraska 68107 The new GPR-90 was received just in time for the MJ DX of: WSLT-1520 on 11/22 for my 47th state; N. J. Only 3 more to go, but it may take another 3 years, hi. Alaska, N. H., and Vt. are left. Finally received the v/l this week from the KAPT-1220 Salem, Orc. DX held last January. Still having problems from the neighbors aquarium heater which buzzes. FCC's limit is 15 mv/m at 190' at 800kcs. The formula is: 157,000 divided by the freq. in kes. Under part of the Commission's rules. They suggest a .Imfd condenser across the contacts of the heater. I'll try this now, hi. The DXers attending the Thanksgiving Get-together in KC had a great time. There were 14 in attendance: WALTER BREVILLE, BRUCE COLLIER, ROBERT GORSUCH, BRUCE KIRKPATRICK, LARRY LEHMER, RONNIE LEHMER, BRUCE REYNOLDS, RICHARD WOOD, DAVID DRUM* MOND, JAMES HOWARD, TIM TURNER, HAROLD MCGOWAN, RICHARD HENKE, and myself. Did anyone find my Jones Log lost in KC? A thank you letter received from Commercial Radio Monitoring Co. of 103 So. Market St., Lee's Summit, Mo. rends: "Just a note to dvise you we enjoyed your group when they visited us last Friday. ... That was a fine group of fellows and I enjoyed the visit. I wish we could have had more time. Come and see us whnever you are in the area. Cordially yours, (signed) Robert F. Wolfskill. P.S. We s. may be looking for an employee before long. Do you know of a married man above the draft age that might be interested in a night job?" How about that? Here is your chance to get paid to DX fellows! Other tours through WECO, Radio stations WHB-710 and KCMO-810, plus the WHB XR located 17 miles north of town. WHB uses 500 watts (with a long-wire) on MM. Good talking with Ernie Cooper, Len Lockwood and Jack Hathaway: Ha John Callarman, are you ever home? 73's and Merry Christmas! . In the second of the second

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Jesse Wadsworth, 1506 Yale Drive, Roswell, N. M. 88201 Hi, well it has been about six months since I last reported; so I guess I better reintroduce myself. I am 17, and do a little DXing (when I can find a little spare time, hi) and have been in the club since it started. The equipment is a S-120 rx with a 50 foot long wire and an IRCA loop antenna. KBIM is on regular (has been since September), with 500 watts. They play the top 50. KSWS is now testing at night and will begin regular broadcasting very soon. I will try to find out the date and frequency, report them next week, 73.

Richard Henke, 5316 Lydia St., Kansas City, Mo. 64110

After a long absence dum to school work, I have returned to tell you about our Thanksgiving weekend DX meeting. It was sure good to get my mind off school for a while and back on DX. Our meeting was held at the Ambassador Hotel, and we had a total of 10 NRC and IRCA members from out of town. On Nov. 26 we were able to tour Western Electric and the Commercial Radio Monitoring Co. thanks to arrangements made by Ernie Wesolowski. That evening we looked at each other's veries and had DX chat in our meeting room. Saturday Nov. 27, was our day for visiting radio stations. In the morning we went through WHB. Then after lunch we went through KCMO and WHB transmitter sites near Liberty Mo. We had a banquet in the evening then a DX quiz back in the meeting room. Very interesting slide shows were given by Ernie Wesolowski and Walter Broville which were followed by Richard Wood's talk on DXing in England and Europe. During this period we also called Ernest Cooper in Brooklyn, N. Y. who was holding at DX meeting for eastern NRC members. We didn't attempt to do much DXing, but we had a good time and I want to thank everyone who came. Also thanks for the tape, Gray Scrimgeour. By the way, fray, it's too bad you have all that interference from those bapanese stations, hi, I wish I could hear just one around here.

Congrate to Mike Worst for the affice on WLW. At was a very interesting piede. New veries in from KCRG-1600 v/q, WWL-870 v/q, and WCCO-830 also v/q. CW (hat talk) stations are pouring in via the headphones. Too bad I de't know code, hi. Hey! Leave us WPE'ers alone! At least the public knows that we have a genuine interest in radio, be it ever so humble or not! Why den't reporters to the Forum note the stations that are at least S6 (unless freak receptions), then "cinch" catches in your area will be known. Maybe a map could be then made showing station's ground and skip zone coverages. (Sort of a complete coverage map!) A smattering of DX found its way to my antenna. (Your really know how to hurt a guy, Gray, hil). 10/27 (whoops, a little ancient!) KOIL-1290 @ 2040 with fair signal, WWL-870 @ 2120 with terrific sound, KOAM-860 @ 2132, but couldn't hold on with inter., WCCO-830 @ 2138, great signal for a half-hour then whem! 11/22: KMAC-630 @ 2144, weak; KTBB-600 @ 2148, (look at this next frequency) 680-KBAT @ 2555, KNBR @ 2200 for first California with a strong signal but interference from KFEQ @ 2218. Reports to both KNBR and KFEQ. KTOK-1000 @ 2230. 11/27: WACO-1460 @ 2026 weak, KLO-1430 @ 2035 fair with KELI looped out. 12/3: KSTP-1500 @ 2139 booming in. CU in Milwaukee (I hope!) 73 from the Ear of Maysville.

Bruce Kirkpatrick, 5633 W. 18th St., Topeka, Kansas Hello again! I haven't reported for quite some time, so I have a lot to report. I have just returned from Kansas City where I had a lot of fun. I met all the members from Omaha, Council Bluffs, and many others. Especially glad to meet Richard Wood (NRC) and "Walt" (NRC). We had quite a time; visiting KCMO and WHB. hadn't known we were coming at WHB. I've logged and verified many new stations since my last report, and here are a few of them: CKRM, KDCE, KTWO, WDSM, CHAB, CKX, CJVI, WNUS, CFAC, KRIG, WKYC, WGAR, WTIX, KLOL, KBMR, KQAQ, WFLA, KNEB, KXLY, KQEO, KOME, KDKD, CJBC, KFJZ, WRBC, WKCW, WOKJ, WHHY, KPEL, & WSPA. Reports out are: KOWH, WOHO, CJBC (FF), CFAC, CHAB, WOWO, KAAY, KSL, WTIX, KBMR; KLÓL; WDÁY, & veries are: KPEL-Louisiana (#26); WOKJ-Miss., WWVA, Ckrm-Saskatchewan, WHHY-Ala., (#28), WCLS, KTWO (Wyoming # 2), KBTO, WMAQ, KFEQ, WCAU, CKX WFLA (#30), WOAT, KAAY (state #31), WWL, & KXLY (state # 32). That makes 75 veries in 32 states, 3 provinces, 4 countries. I just tried for KMER and KHUB tests, found neither. I think I heard KHUB w/ code @ 0335. KEWI is off, so I'm on 1440 right now, hearing several good signals. John Navin: If you're reading this, I don't have any ofyour address: I mailed several letters to "John Navin, Chapel Hill, N. C.," but they came back. Please write me. Say! What's a WKCU? I heard one, from Corinth, Miss. They aren't in any log I'we seen. Local station max KARF may be on 1400 soon, with a rr and DX format. A vertical antenna is up, transmitter is built (a Graymark), and linear is being made. Right now I'm listening to Wolfman Jack on XERF! He's singing along, and just said, "Come on, now chilluns, boogy with the Wolfman." What a man! I'd better go now; 73. (Okay, Bruce, and when you come back, would you PLEASE double space your report? Thanks a million old boy. lrs.)

Larry Snouffer, 98 Perkins Hall, Athens, Ohio 45701
Hi there all. This will just be a short note infrom these of
you who don't know that if you live west of the Mississippi, I
am your new Forum editor, and my deadline will be Tuesdays before
publication on Saturday. And don't forget that from the 16th of
December to the 3d of January I will be at 6731 Markwood St.,
Worthington, Ohio 43085. Let's keep those reports coming, now.

Word has come to us that the new edition of the Jones Log will at long last be published. It is supposed to be available this month. price is \$1.95 and it can be ordered from: Vane A. Jones, 6710 Hampton Drive East, Indianapolis, Indiana 46226.

DX RECORDS
The DX RECORDS column will once again appear in DX MONITOR very soon. Bring your totals up to date now! If you aren't in the listing, why not send your verie totals to Bill Lipis now. His address is: 839 Terra Lane, El Cajon, Calif. 92021
This is what you should list:

Total veries, Countries verified, Total foreign veries (excluding E.S.& Canada which is domestic), total veries per continent, and best verie per continent. This is another form of competition. Join in the listing and watch your own totals as well as those of other DXers trow.

SACCA LOG Check the front page for much asked about SACCA log. Cortainly hope to be able to supply some information soon.

John Navin, 1403 Wildwood, Chapel Hill, N. Carolina
Oklahoma's KRMG-740 was in 11-22 from 2100 to 2134 u/CBL for my #1 from that state. Hope they verify! 11/25: WPGC-1580 in the clear from 1652-1700 s/off. 11-28: WAVE-970 0001 s/off. XEW-900 see DXWW. CFCN-1060 w/KYW off! Hrd this, my #1 Albertan, at 0158 in the clear til 0212. XEDF-970 see DXWW. 11/29 CKBB-950 rather distorted 0255. KNBR-680 0307-0330. I keep trying for the 1040 R. Peking outlet when WHO is off SM, but up to now I've hrd only static. What R&R stn on 1400 has an AN YL announcer?? (WCOS-Columbia, S.C. did awhile back-have listened lately-pb). Al Lewis: congradulations on your Oct. 18 episode w/WNBC's Brad Crandall - we hrd it all the way down here in Carolina! B. Ziel: I was putting together a 2-transistor radio up in the Catskills about 1½ yrs. ago and the 1st stn I hrd was WBIC-540 (w/a 10° long wire ant.)! WBAM sent a very good looking v/q on 11-24 for my 11/19 rpt. PJB-800 finally verified-see DXWW. Nothing yet from KCTA-1030 for an Oct. 10 rpt. Thanks for the letters everybody! 73 and good DX.

Mike Hunter, 1703 Westwood Ave., Richmond, Va. 23227 Hi! No D specials hrd yet at this den. Must have something against me. PB: real FB on WCHV. (FB?????-pb) What S. Okino says is true about the tape facilities at radio stns. WEET has a Ampex rig, that will take catridges only, in which case a tape would be useless unless the stn had another recorder, which WEET doesn't. S. Okino- I'd bet on CJET as being your CBC on 630. They plastered WMAL 2 or 3 times this month. Nov. was pretty good to me. I logged 45 new stns, 3 new count's., and a much needed new state. To DX: 11/22 CKOY-1310 1748 w/ R+R. 11/23 CHLO-680 1722 w/R+R. 11/24 WMPS-680 1755. 11/ 24 PM changed my longwire pattern and nulled out WSIS to get a much wanted WDAF-610 2006. Also nulled WCAO to hear WSJS-600 2009 w/non R+R sched. 11/25 CJSS-1220 1944 giving WGAR a fit。 11/26 KXYZ-1320 0119; WLIB-1190 1717; 11/27 CKIY-910 0325; KSL-1160 0331 for Utah #1. WJJD was off on a Sat. morning. Surprised me. WTNT-1270 0340 w/jazz. WBCO-1540 1659 w/a poor signal, but positive ID. Left radio on after WRGM signed off, and this one found its way here. 11/29 BBC-881 was in w/a fine signal talking about Wales churches. HJED-820 0329 w/an ID in SS. WCHB 0400 s/on. w/C+W following. I hrd a R+R stm w/a fair sig on 1480 at 0305. ID ed several times as ${}^{\circ}KY$. Could this be KYOS (I hope)? I think somebody had their carrier on. Not WIEE. Ialso hrd a FF stn on 1290. Any help? No veries since last week. Rpt sent to WTMB a week ago, that's about all that amount to any thing. Got some stuff from Hallicrafters about the S 200" Legionairre". Looks like a lazy man's way to DX, especially on SW. I wish the beacon NB on 530 would go off once in a while. (N. Bay, Ont.) It ruins any chance of hearing the Swiss BC. on 529. (Is this BCB?) ((No-Only 535 to 1605-pb)). Saw an ad in the new Pop Tronics from Sams. It had the Jones log listed with the # RSG 2. This is the 64 guide isn't it? (Yes, but new was supposed to be out Dec. 5-pb). Well so much for a bunch of dumb questions. 73.

Larry Colton, 375 West 20th St., Holland, Michigan 49423 I guess it s about time I send in another Forum rpt. Dx here has been very good with a couple of new states hac countries being logged. Before I go into my recent DX I'll mention just a few of my better catches of a while ago. 10/18 WHEB-750 N.H. #2 1800, 10/ 25 WGAN-560 Me. #2 0400, CKCW-1220 N.B. #1 0450, Recently the following were hrd. 11/1 KNWS-1090 0300 on DX test, WFKN-1220 0345 test, WIVV-1370 0445 P.R. #1, WTOB-1380 0500, WPET-950 0505; 11/6 WSAR-1480 0030, KFDF-1580 1805; 11/8 KFBK-1530 0315, WITC-1370 0401, WRFC-960 0455, WIND-920 0500; 11/13 KROE-930 Wyo. #1 0220 on f/c, WMMJ-1300 0335, KOME-1300 0350; 11/15 KRSI-950 0315 ET, WWDC-1260 0335, WDNC-620 0455, CFQC-600 0500, WWOD-13900501; 11/20 WRSJ-1560 P.R. #2 0434; 11/21 WMBL-740 1700; 11/22 KSUM-1370 0250 test. WSLT-1520 N.J. #1 0312 test. WPAZ-1370 0325 test. KPRO-1440 0330, KTYM-1460 0401 test, CKBB-950 0319 test, JBC-750 Jamaica #1 0445, WJAZ-960 0502; 11/24 WPOP-1410 1900. With this DX it brings the # of states hrd up to 42. MM 11/2 was on of the best ones, if not the best, so far this season. Hrd many much wanted stns. Veries in from WLBZ, CFAC, WPRO, WIHI, WHEB, WBNS, WGR, KNWS, WFKN, WLTC & WKMC. I also received along with my WKKMC verie, a little record key chain scotch-taped inside to the letter. Here's something else that might be of interest regarding WLTC. In my verie it says that they operate perlocal sunrise. They verified my reception of their 68 watts. I guess that does it. 73 +

John C. Johnson, 625 Park St., Sheridan, Wyo. 82811 (good DXing: Merry Christmas & a Happy New Year from your ICELAND bound member. That's right gang I'm going to Iceland! I leave (left) Pensacola Dec. 23 - will be at above address til Jan. 18. No DX lately, just wanted to let you know you can't reach me in Pensacola anymore. Be watching for rpts from Iceland--should have some interesting DX to rpt then. Hope all of you have a successful DX season. 73 for now gang! That's 30 from Florida.

T.A. Mulvaney III, 1768 Coventry Ave. NE, Warren, Ohio 44483 Latest DX from here includes: 11717 KSD-550 1720; KWMT-540 1726; WKZO-590 1735; CKSO-790 1742; WIMJ-620 1746; CBF-690 1752; WHN-1050 1758; WMT-600 1840; WSAI-1360 1845; CKPC-1380 1851; CBK-540 1857; WFAA-820 1901; WNEW-1130 1907; XEW-900 1911; KIRA-1010 1917; KAAY-1090 1923; & KSL-1160 1931. I am not interested in verifying any stns for a while. I still have to get a fair idea of the band here in Ohio. I must say things are much more congested back here in the EAST. During New York's power failure I noted the following: WCBS-880 using 10kw, WABC-770 using telephone hook-up to xmtr, and a very weak signal from WNBC-660. A SS stn was tearing WNBC up...most probably WERPM as they are a regular in the SW part of the countru where WNBC is usually quite weak. More DX: 11/18 WFBL-1390 u/local WFMJ 2130; PJB-800 in EE 2220 well o/CKIW; 11/20 WOW-590 2150. 11/28 WISN-1130 1645; WAIT-820 1700; WKLO-1080 1710; WOKY-920 1718; & WPTF-680 1735. That's all for this week. 73. (More of the 1945 BCB list-this time Texas: KABC-680 S. ANtonio 50/10, KAND-1340 Corsicana 250, KBST-1490 Big Spring 250, KBWD-1380 Brownwood 1/500, KCMC-1230 Texarkana 250, KCOR-1350 S. Antonio 1kwd, KCRS-1230 Midland 250, KDNT-1450 Denton 250, KEYS-1490 C. Christi 250, KFDA-1230 Amarillo 250, KFDM-560 Beaumont 1kw, KFJZ-1270 5kw, KFRO 1370 Longview 1kw, KFYO-Lubbock 250, KGBS-1240 250, KGJB-1490 Tyler 250, KGKL-1400 S. Angelo 250, KGKO-570 Ft. Worth 5kw, KGNC-1440 Amarillo 5kw/1, KGVL-1400 Greenville 777, KION-1400 Pecos 100, KLUF-1400 Galveston 250, KMAC-1240 S. Antonio 250, KNEL-1490 Brady 250, KNET-1450 Palestine 100, KNOW-1490 Austin 250, KOCA-1240 Kilgore 250, KONO-1400 S. Antonio 250, KPAB-1490 Laredo 250, KPAC-1250 P. Arthur 1kw, KPDN-1340 Pampa 100, KPLT-1490 Paris 250, KRBA-1340 Lufkin 250, KRBC-1450 Abilene 250, KRGV-1290 Weslaco 1kw, KRIC-1450 Beaumont 250, KRIS-1360 C . Christi 1kw, KRID_1080 Dallas 50kw, KROD-600 El Paso 1/500, KRRV-910 Sherman 1kw, KSAM-1490 Huntsville 250, KSKY-660 1kwd, KTBC-590 Austin 1000/250 (cp- 5/1), KTEM-1400 Temple 250, KTHT-1230 Houston 250, KTRH-740 Houston 50kw, KTSA-550 S. Antonio 5/1, KTSM-1380 El Paso 1/500, KVAL-1490 Brownsville 250/100, cp-KVET-1300 Austin 1/1, KVIC-1340 Victoria 250, KVOR-1400 Plainview 250, KVWC-1490 Vernon 250, KWBU-1010 C. Christi 50kwd (cp-1030 50/50), KWFT-620 Whichita Falls 5/1, KWTX-1290 Waco 1kw, KXOX-1240 Sweetwater 250, KXYZ-1320 Houston 5kw, WACO-1450 Waco 250 (cp-1460 1kw), WBAP-820 Ft. Worth 50kw, WFAA-820 Dallas 50kw, WOAI-1200 S. Antonio 50kw,

WTAW-1150 College Stn. 1kwd, cps-1400 Greenville 250, 1410 Odessa 1kw.)

Bob Astmann, 191 Louvaine Drive, Kenmore, New York 14223

BEHOLD: 11721 WAVA-780 1529 for the only daytime DX all month, WNYC-830 1728½ o/WCCO long enough for one ID, then faded. 11/22 CFRA-580 1757. 11/23 CFDA-1380 1931½ in FF W/excellent signal. 11/24 WFEG-1550 1715 s/off u/CBE, CHGB-1310 1900 in FF w/excellent signal, WIAP-630 1929 u/WMAL. The Thanksgiving holiday was highlighted with (besides the Bills-Chargers game) the logging of 4VEF-1035 1958-2030 s/off; all FF except for VOA NEWS in special EE. This is country #8 logged on BCB. 11/26 WJPG-1440 0022 u/WCHB, WOL-1450 0206. 11/27 WMGW-1490 0731. Nine veries made the scene this week: WBIR, WGSA, WTHB, WBIG, CFOS, WIMA (took 2 mos.), WHWH, CKEN, + WBSC (1st S.C. verie for st. #39 veried). Totals are 355/223, Sts. 39/39, Count. 8/6, Prov. 6/6. Forgot to say that on 11/27 at 0005, I hrd CHIQ-1280, a semi-local that I never hrd before. It's not a new stn either. They probably changed their night-time pattern. I now leave the air. 73.

forget that we use EST in all sections-everyone has been real good about doing this since

we went off of DST. Look elsewhere in this issue for info on new Jones Log-pb

Greg Ogletree, 2822 Lafayette St., St. Joseph, Missouri 64507 Greetings fellow 'dial twisters', School work here is getting heavier so didn't get as much DX as I had hoped, but will try to make up for it during Christmas vacation. DX for month of Nov. is as follows: 10/2 WJJD-1160 1806; 10/4 KCHI-1010 1238; KFNF-920 1130; WOC-1420 2200; WKYC-1100 2440; 10/5 KNBR-680 f/up, 0115; KXEL-1540 0212; WING-1410 0304; KOIL-1290 0532; WAKR-1590 0424; WKY-930 0503; 10/6 KCRG-1600 2139; 10/7 CBE-1550 0100; WDXR-1560 135-0202; s/off; KTSA-550 0230; 10/10 CHM-940 0708; 10/26 WSAI-1360 0138; 10/27 KFH-1330 0137; KVSF-1260 0214. Veries received in Nov. are: WIW, KVOO, WDAY, KYW, KRLD, WTIX, CFRB, KCHI, WOC, WAKR, XELO, KCRG, WING, WEAQ, CBE, WDXR, KXEL. I now have 64 QSL's out of 84 rpts sent. This brings my totals to 26 states, 3 prov., and Mexico, verified. WDXR-1560, a 1,000 watt stn in Puducah, Ky., wrote on their QSL "Nov.-5kw, soon to be 10kw." Thought I would mention this for the benefit of other DXers. KCHI verified by typing their confirmation on the back of my report. It's only 250d, and I really didn't expect then to verify. Incidentally, I think my receiver, a GE Model-321, is a great performer, (for domestic DX). WBZ-Boston, and many other distant stns, come in just as loud and clear as any local stn. Just connected 25° of coax cable to receiver for leadin from the long-wire. sure cuts out a lot of local interference and static. Guess I'll fill you in on a little information about myself that I omitted in my 1st ${ t rpt.}$ I am 14, a freshamn, and attend Central H.S. here in S. Joe. SWL'ing is my one and only hobby at the present, and keeps me pretty well occupied, (except for homework). 73 from here 'til next month.

Steven R. Russell, 8914 Mohawk Lane, Bethesda, Md. 20034 Hi everyone! CX seem to bo as good, if not better than last year. 11/21 KGIO-1300 f/c 0100-0105, WJAR-920 0142 strong, WKAT-1360 0230 over WDRC and after WSAI's 0230 s/off, WPAT-930 0150 only stn heard on the freq. at this time, WTMB-1460 0300-0323 s/off w/NRC test. 11/25 CBO-910 0104 w/CBC nx, WJFC-1480 f/c 0200-0210 thru WDRW, WYSH-1380 f/c 0215-0230 way u/WBNX SS; 11/27 WIMA-1150 0009-0130 u/WCOP w/emergency storm warning broadcasts, WSMD-1560 (a new R+R mx stn) 1300. v/l WHEB + WIMD. In WIMD's verie they said they might test with a 1000 cycle tone, one morning, Fri. through Mon., starting a few minutes after midnight. Good DX & 73.

Elliot Straus, 27 Devon Dr., West Orange, N.J. 07052 Hello everyone. DX is really moving up here in the great North East. My totals have now moved up to 683/284 stns, 41/38 sts. 7/7 prov. New veries in are: WMF-1470, WOW-590, CFIU-1370 (I used the FF form to them & they wrote back in FF!) WIMA-1150, WSNO-1450, WBRY-1590, WATE-620, CJMS-1380, WNOE-1060, CBE-1550, WNOX-990. I still have 50 out in the mail! New receptions are 10/28 WOHO-1470, WRBD-1470, WRNY-1350, WDNE-1240, 20/27 WCLS-1580, WWIL-1580, WNBP-1470, WPGF-1470. I got 4 new ones at 1470 in 2 mornings. My most crowded freq's. are 1230-15, 1240-17, 1490-15, 1480-13, 1470-18, 1460-13, 1450-14, 1370-13. 1310-16. Dig this- from Feb. 19-Feb.28, I will be visiting relatives in Fayetteville, Ark. Not TOO much new DX right! Do we have any members in Fayetteville? Anybody need a New Jersey? Your best bet is WNJR-1430-s/on is at 0530 except SM-0630. Good DX to ya all. Please send in your articles to the DXF. It only takes a couple of minutes. Comon guys!

Greetings: Today (11/29), I received my 11/13 Monitor. By the time I get my DXM, it is ancient history. Anyway, down to DX. WSMT-1050 1730 w/s/off after local WZIP s/off. WNDR-1260 2250 11/16, KSOO-1140 1740 11/17 by nulling out WRVA, for new st. #38. WSEV-930 1705 11/21, WCNB-1580 1230 11/25, WKNK-1210 1645 11/25 (overriding WAVI). Incidently, WAVI is my favorite stn for mx. Wish that more stns sounded like they do. WIMS-1420 1600 11/28, and WPGC-1580 1625 11/28. Only one verie in, from WNDR. Now for those interested DX Statistics. Totals 376/198, Canada 28/19, Sts. 38/36, Prov. 6/6, Count. 7/4. 73 and good DX.

Bob Ziel, 222-89 Braddock Ave., Queens Village, L.I., N.Y. Not too much DX here lately due to mid-semester exams and term papers. 0^{N_0} e new verie arrived in the mail. It was from KGBS-1020 for my first WC catch.. They are in the clear practically every MM after KDKA s/off. I added a new piece of equipment to my DX Den. It is a 4 track Mono/Stereo Norelco T/R; the "Continental 201" model. The set has two speeds - $7\frac{1}{2}$ & 3 3/4 IPS. Time flies fast and before you know it 1966 will be upon us. Yoall better start saving for next years convention. Let's all make it to MILWAUKEE IN 9661 73.

ONE OF THE ABOVE REPORTS WAS SINGLE SPACED_PLEASE, PLEASE, DOUBLE SPACE YOUR REPORTS.

Alex Bowab, WIPR-FM, Box 5176, Mobile, Ala. 36605
Greetings from a rejoining member, after an absence of 8 months. I am back in Mobile, finishing college, and on the air at WIPR-FM. 96.1, a 40 kw multiplexer. Unless mention of FM DX is now taboo, may I invite reports from interested FM DXers who tune us in; glad to QSI. BCB activities have amounted to little: WYOU-1550 ET/OC and WQIK-1280 f/c-DT 0215. Dates not recorded. Thus is my total DX for this season. My current totals are 1168/270, which has changed about 2% in the past 2 years. Finally, if anyone has hrd WAPX-1600 lately, be sure. They've been off the air since May! Y'll be sure and report often, especially those in the EC. Park needs to be kept busy. (It won't be me-pb)

Miss Jan Stetson, 3081 Brown Road, Albion, New York 14411

Hula amigos? I haven treported in ages. Since last spring? 5731 CHEC-1090 Prov #8, poor signal any others I might hear from that neck of the woods? 9/18 CFCY-630 P.E.I. prov. #9. This was weak also but try after 0000 with CBC programs. Other July logs; KSO-1460, 9/6 WXTR-560 s/on, WGAN-560, WJRZ-970 s/on, WCSH-970. Summer noise was high. TV DX was FAB. Also on 9/6 0310 ??-1520 c+w mx. Maybe WIDD but aren't they off the air? any suggestions? Other summer logs WDAY-970, WAVE-970, ?? SS 1100, 760, 1220. 10/17 KICN-910 for Ark. #2 this one was regular at 0600 s/on for a week. 11/2 WHEB-750 to s/off. Try this if you need N.H. 1530 s/off here off nad on. 11/2 WHMD-750 1445 s/off other Nov. logs WHII-1100, WMBI s/off, WVOK s/off, WAPE pretty fair behind FF Canadian job on same freq. WNAR-1110 s/off WDGY-1130, ?? Wisc. 1130, KUOM-770, WNOE-1060, All logged around sunset here. 11/25 WQAM-560 WIND-560, 11/27 WEBC-560, 11/22 KGBS-1020 for Cal. No.7. 10/28 WIVK-860, KOAM-860 KAAY-1090, try for all at sunset 1530 here. Other log WOSU, WAIT-820, KCMO-810 WKVM-810 P.R. No. 1, On vacation I saw tower WGY, WPTR, WFBL, WKAJ, WHAM smtrs on N.Y. thruway. I may go to school a broadcasting major at Geneseo State College 35 miles from here. They have a slick FM Stn! Enough. 73°s 88°s.

Ray Kwasnick, 237 Dedham ST., Newton 61, Mass. 02161

Everybody Tistent I, due to laziness and lack of time, havenot reported to the 4um for about 5 months. Note that!! I did not write that report of Sept. 28. I do not tapespond because I lack a T/R (sorry Joe). Unfortunately I did not get that list of stns which is printed in that report. When I first read the report (which I didn't read 'til 2 weeks ago thanks to R. Vatalaro), I thought that it was a practicak joke. Anyway I'd like you, Park, to tell me how that report got into the 4um in the first place. (SOMEBODY sent it to me and I typed it in!-pb). ON a lighter note my birthday which is on Dec. 5 shall bring me a new RX. I haven't DXed for about a month, but I hear that its good all over. I was disappointed that Yew York didn't get the convention, but good luck to Milwaukee in '66. Well...'73 & gud DX.

Hugh Ducklow, 322 South Court, Appleton, Wisconsin 54912 (12/1) 11/23 DXM arrived today, and reading it spurred me to send a forumula. Issue was the best I've ever seen, especially reports of Gordon Jarvis, L.C. Muller, and Randy Seaver. GJ's report is really why I'm writing this. I agree completely w/him and Larry Godwin. Formulas (to me) are for discussion on superior DX, cx, rx es, and club-DX related subjects, such as this discourse. I mainly use DXF as DX-related reading material and skip thru everybody s list of their DX. I can t use a list of the Oregon locals being hrd in Louisiana anyway. For DX info I use DXTI, DXWW, and the DX specials list. And I like the West Coast DX roundup, hope we get an EC one! In this form it's FUN to read about the Ore. locals mentioned above. Of course the great catches can be listed in DXF, but not the peanut whistles unless, they re TA's, huh? Examples of the stuff I like to read are L.C. Millers, and Randy Seaver's reports. And the features and editorials. More of these please! Gordon J., I like your idea about the rx directory. Many mags run such a feature, but the comments from happy (or unhappy) users would make it a unique, and helpful feature. DX hasn't picked up around here, but promises to, since I'm at least starting to listen. XEWA-540 in v. well 11/29 2330 w/SS Pepsi spots. KFI in S 5-7 all that evening. Maybe I'll regret not entering the Domestic contest. You guys that did, lets blitz the NRC. Hey, I don't see any IRCA specials. What's wrong? (Nobody interested enough to write to stations-pb). Convention plans really rolling now hope y'all will come. I'm over 15 lines. 73---MILWAUKEE 66.

Park Barton, P.O. Box 43. Troy, Alabama 36081
HELP-HELP.HELP. Somebody please! I tried to rebuild my loop (IRCA Box type) and have run into some trouble. Anybody that might could help me with it, drop me a line and I will send you the details. About to the end of the page so will s/off for this week. Will report DX next week. EVERYBODY PLEASE REPORT OFTEN and I'll see you in MILWAUKEE.

Mike Shannon, 316 South Court, Appleton, Wisconsin 54912 DXed MM 11/29, but neither DX was heard. KINN-950 was on with "Colorado Wildlife". Perhaps this was about the long-lost black sheep DeWayne E. Bruce, hi db! Un/ID s/off 950 at 0300 m/SSB that AM. Also unID SS-1380 in the clear most of the time. WPAZ-1370 in clearly 0317-0340 when their test ended. Piano rx was played. At 0322 caught the Roy Fansler. Since then I've been trying it out and it looks quite nice, See DXWW for my newie heard on it! Slight image squeals on the low end at night, but the bad WHBY image at the top was eliminated by a wavetrap, which works wonders for many image troubles. Anyone who wants plans for the simple wavetrap, just ask! Reports out to WPAZ, WEAM, WPTF. Gray Scringeour has proposed major changes in the format of the DX Monitor, and I agree that we can improve our bulletin more. Anyone with ideas for changes in format, let your director know! For receiver-lookers, Heath has a couple of nice-looking new communications receivers, and Bernstein-Applebee has a special on the NC-121. Lots of SS has been heard under strong stations recently. Hope this MM will not many new ones on the new HQ-145X! Say, when do we get our red-white-andblue DXM masthead back?? Let's have some reports from you in DXL this season and see you in Milwaukee next surmer!

Bertram A. Podall, Apt. 512, 141-05 Pershing Crescent, Jamaica, N.Y. 11435 Congrats on excepting the post of East Coast editor, Will try to keep you busy. I now save 3d per letter(no air mail). For 2 weeks KSL-1160 has been heard here as early as 2030. No sign of WJJD when KSL is heard. Finally heard KFI under CMQ on 11/29. CMQ is one of the most powerful stations received here, sometimes reaching 40 db over S9. Entering the discussion on R. America - I think they must use 1,000,000 watts as they are better(sic. strength) than Bon Aire. Re Mike Worst's report on WIW. I belive that in 1938 the call for the 500 KW unit was WaxAL and used only at night(after midnight). I have a letter verie from June, 1941 from W8XO the then 500 KW unit which was used only from midnight to 0600. The daily schedule in 1941 was 1205 to 0100 broadcasting the regular programs of WIW(also on 700 kc.). Station HHK Port-au-Prince, Haiti, 830 was inaugurated on Oct. 22, 1926 with 1000 w. Its purpose was to instruct and entertain the people of Haiti. Local educational programs were broadcast during the day light hours. There was a weekly night program every Friday from 2000 to 2100! The published program for every Friday was: 2000 Orchestia ax, 2015 Song recital, 2030 Talk on Haiti, 2040 Piano recital, 2050 Fusic(violin or orchestra), 2100 closing announcements, news etc. DX is quite good now, but I get interested in a program and forget to take notes and lose ID's etc. best of luck on your new job. (thanks - SRR).

Howie Modell, 22-36 Edgemere Ave., Far Rockavay, N.Y.C.

After a long absence from the Forum (besides my ressage last week as a Director), I've decided to add my few cents. I am writing primarily to express my displeasure with a comment in the 11/20 DXF by a member. His impature ejaculation was uncalled for and should have been deleted, rather than typed in the bulletin. I never exchanged words with him, nor do I know anybody who knows him. And as I have not written into DXF since he has become a member, there is not even any reason for him to know my name! Yet he wasted Fourn space to ask whether or not I am a turtle. I do not know whether to take this as a personal insult or a general impropriety. In either case, it is quite obvious that that member has not been farmiliarized with the purpose of our club. The IRCA is a DX club, not a street corner. The DX Monitor is a publication for DX information, not a mature can in which irrelevant and infantile comments are tossed. The DX Monitor should be recognized as such. Until it is, the IRCA hasn't much of a chance of advancing into a mature and serious organization, and cannot even think of rivaling the NRC. Let's grow up!

Jeff Ross, 125-12 Cronston Ave., Rockavay Park 94, N.Y.
Hello again! I was distressed to read a remark concerning H. Modell in the 11/20 issue. I may be mistaken, but I thought that the purpose of DXF was for topics concerning DX-ing, not a garbage can for remarks. Down to DX: 11/13 WETC-540, 11/16 WYIO-540, WWFF-1260, 11/18 WMNA-730, WESC-1550, WFBG-1290, 11/19 WLOR-730, 11/20 WAPA-680, 11/21 WMBL-740, 11/26 WIEE, VICE, CKCW, WOLF, Wrfc, WNYR, WFOY-1240, WNNR-990, WIKI, 11/28 WGTO, WDXN, KWMT, all 540. Veries in from WFBG, WMNA, WYLO, WETC, WIOD. I was recently having a great deal of trouble with my mavy rx. Finally I cured it by replacing a few burnt resistors, and a 11C6. Previously a local station WBIC came in S-8. Now they pin the meter. By the way 12/3 WNOE-1060, the first station since the repair. During the week of 12/15, (J. Ross's report continued next page)

(Jeff Ross's report continued) - I hope to do a great deal more of early AW DX-ing than I usually do. What time does KDON sign off during December? This has been a long sought one for me. That's about it for now, so 73's for now.

Richard Cooper, 13 Winthrop Road, Wayland, Mass.

Latest DX: 11/27 CBO-910 1805, 11/28 CKOC-1150 1848 u/WCOP, XEWA-540 2345, 11/29 CKFM 1470 0141, BBC-1214 0045, Lille France-1376 0128, WMBD-1470 0143, WOOK-1340 0217, CHNS-960 0235. No sign of KMER and KHUB DX specials. Veries in from Bordeaux, France-1205, KSI-1160. One more tip for good report writing. Change the set-up of the report letter. Of those 55 reports I read over at WBZ, at least 35 were almost exactly the same, word for word. I can see why a CE would not bother answering dozens of identical reports. And some of the clears channel stations get 50 to 75 reports a week. Report forms are neat, but they lack the "personal touch". As one of WBZ's engineers told me, report forms make DXing look like a business, not a hobby. 73.

Tom Layde, 4968 N. Idlevild Ave., Whitefish Bay, Wisc. 53217 Where have I been? That's a good question! Actually, I've been sloved down by school work. The switch back to standard time may have caused an occasional mistake, but here's some of my better catches: 10/2 KANA-580 testing at 0208; 10/8 WNAX-570 2331; 10/11 WPEN-950 0401, WTIX-690 0555, KSAL-1150 1855; 10/14 WLAP-630 2155; 10/15 battle between WTC and WADO on 1280, from 2051 on; 10/16 CKBI-900 2227, WDBJ-960 2257; 10/17 CEX-740 , We way under CBL at 0057, KFH-1330 0021, CBR-1010 not bad, QRM f-CFRB and WINS; 10/18 WERE-1300 0335; 10/24 WPTR-1540 0050; 10/25 KOE-770 0157, WJW-850 0212, KOMO-1000 0236, WFLI-1070 0330, CFAC-960 0341, WKMC-1370 0430, WHBC-1480 0444; 10/28 KGMO-1550 0514; 10/29 WGBF-1280 2123; 10/30 WVOK-690 1805; 11/1 KOME-1300 0240, KIWS-1090 0305, CKFH-1430 0400, WFKN-1220 0410, CJCH-920 0420; 11/7 WTTS-1370 0500, WHOK-1320 0600; 11/9 KRMG-740 u/CBL at 1659; 11/13 WHB-710 2152; 11/15 KHOW-630 0346; 11/25 KNOE-540 u/CBK and XEWA at 1918. Many of these atns were not sent reception reports loggings only. Veries since 10.23 rpt: v/q WFHM, KYW, WHAX, WKRC, KNBR, WSPA, CKRC, WHEF(2 for 1 rpt), WLAP, FYEL, WHIO, WDSM, UPTF, WAPE, KONO, KFH, WKYX, CBK, WADO, CEX, CBR, CFAC, KOMO, WDBJ, WVOK, WGBF, LAYK, WHFB, KVOO, WHE, KHOW, WPTR, and CBO. v/1 CJRN, KFYR, CHLO, WWTC, WEUS, CKBI, CJCH, WFKN, WKMC, WISM, KANA, WOW(v/QSL soon to come). Veries now total 163. States: 38/36, provinces 6/6, and countries 7/3. I promise to rpt more often in the Tuture! That should be a relief for you, Steve! Good luck as East Coast Forum Editor, and Good DX to all: 73.

Steven R. Bussell, 8914 Mohauk Lane, Bethesda, Maryland 20034
Hello everyone! Not ruch DX to report this time. 11/29 CCTW-1550 1950; 12/4 CCY-1580
c/looped out local WPCC; 12/5 KCII-1580 FC 0106-0120 plus, WKAP-1320 0305, WROK-1440
c/MHY at 0230. Didn't receive to many reports this time, as most of the members
receive their DX Monator's by 3rd class mail and are just finding out about the change
over. All reports that were received before or one 12/6 have been typed. This is my
first try at typing stencils, so I hope they come out okay. Veries: CBA, WBEN, WQOK,
and WTMB. 73 and MIL AUKEE IN '66.

Bill Nittler, 4590 So. Julian St., Englowood, Colorado 80110 Only MM DX again this past week. 12/6 found a fabulous signal from JOOR-1210 nearly all AM with very clear English ID @ 0600 over WCAU. HJFF s/on @ 0455 so no longor AN. Other lowings were the DXos from CJME-1300 quite strong. CKDA-1220 logged for first time with strong s/off @ 0305. The new Macon, Mo. station heard ETing on 1560 kc. @ 0035 with call sounding like KLCI. WMQM-1480 heard with little difficulty but KEOX was a problem. Was probably they you had, Gray. played such standards as "Smoke Gets in Your Eyes", "So In Love", "Charmaino", otc. No now veries in this wook. KHUB-1340 sent verie on coverage map for their NRC DX. Very good to see the participation in the Forum picking up. Our 2 new editors have begun their duties with this issue so things are picking up for the IRCA. Now, to get the machine on its way to Park, and most of the club's problems will be pretty much selved. Sorry you're homesick for Colorado's snow, Larry, but we haven't had any to speak of thus far. Only 2 brief snow storms. The best of everything to all IRCA members during the holiday season. Thanks for all the cards. Don't forget to listen for LA stations running late over the holidays. 73.

USE IRCA STATIONERY.....ORDER FROM HQ TODAY.....\$1.30 PER HUNDRED.

Bob Astmann, 191 Louvaine Drive, Kenmore, New York 14223
Another week of Dring has yielded the following new stations: 11/27 WCIN-1480 1702½,
"Tiger Radio" w/RR; WSHN-1550 1714 s/eff. 11/28 WEIF-1370 0630; WHRN-1440 0659 s/on just
before local WJJL-1440 s/on; WEPM-1340 0729 s/on; WTRN-1340 0730 and had an excellent
signal; WSGB-1490 1600 hrd briefly, but a definite ID; WIWK-860 1730 s/off during CJBC's
15 sec. pause on the half hour. That's a good way to log stns you've been trying for
under CBC'ers, which pause for around 10-15 sec. on the hour & ½hour. 11/29 WAXX-1150
1744 s/off. 12/3 WSHP-1480 1643 s/off loud and clear; WAPE-690 ("The Big Ape") 1720½
w/RR. J. Walsh: Thx for your tip on WAPE, it came in just as you said as SSS u/CBF for
my first Fla. and st. #40 logged. 12/3-WHIS-1450 1800. Veries received this week: WBRY,
WAIT, CHGB, CFRA, VOA (960 Outlet), WCIN, & WNYC. Every night from around 1900 to around
2100, I listen to nothing but 834 ke. hoping for something from Belize, but all I ever
get is "Bits & Pieces", and not enough for a good logging. For all of you folk mx fans,
listen to WBZ-1030, Sundays at 2100. See you next week, 73

Joo Schmidt, 709 Graisbury Ave., Haddonfield, N.J. 08033
Hi once again! Bulletins get here very late. I get the 11/13 Bulletin on 12/1. I don't get too much time during the school week to DX. I try to listen as much as I can on wookends, however. I do sneak in a little time on weekdays to log a few. Conditions are getting better and the LA's are coming up. I just finshed a total of 1½ years of DXing, When I first started, I thought I would run out of possible stations (hi) but they are still relling in. I still have not received those service logs from Wash. How long do they take. Some good DX to report since last report so here goes. 10/26 4VEF-1035 returned in 6 weeks w/OSL and schedule. 10/28 YND-675 Nicaragua. 10/29 TIRICA-625 Costa Rica. YND and TIRICA have not returned yet as of 12/5. WHNC-890 on 11/16 returned w/ v/l. 11/23 VEEI-590 returned w/ v/q. 11/27 WPPA-1360, v/l. QSL's in since my last rpt are: WHYL, KQV, WAPE, WOAI, WRYI, WRVA, R. Belize, R. Barbados, R. Amer., WHAT, WHNC, WYEF, WEEI, WPPA. As of 12/5 my totals are as follows. Stns 270/130 States 37/34, Prov. 7/4, Ccunt. 12/9. I have 48% of my stns verified to date. I hope to cross the 50% mark by Christmas. Christmas helidays will bring one MM to DX. Hope to make the bost of it. 73

Elliot Straus. 27 Devon Dr., Wost Orango. N.J. 07052

Doar Friends! Believe it or not! Was up MM 12/6 from 0230-0430 and didn't get one new domostic, all I get was XEAU-1470 Tijuana, B.C.N. (good catch), CMK-1200 Havana, CMCO-760 Havana, For the 2nd MMin a row I get Washford, Wales-881 between 0243 and 0300 and Clevedon, Eng.-1457 between 0300 and 0330. New veries in since last rpt. WHBL-1330, WONE-980, WBEN-930, WDOK-1260, WHYE-910, WKMF-1470, Totals new stns-698/290 Sts. 41/38 Frov. 7/7. Feb. 19-28 I will be in Fayetteville, Ark. I am starting to build my IRCA loop antenna, hope it works. To every Canadian stn I send a Canadian stamp. I sent \$2.00 to Terente Pest Office & I get back ever 40 stamps. Hope the New Jones gets here seen. The 1964 is really getting out of date. Does any one knew if WLOK-1480 changed call letters to WNGM? (Yes Elliot, they are WMCM, not WNCM-pb). I heard them give that call on a test. Don't be afraid to write! All letters answered.

Fred Prochtl, 2844 Victoria Avo. Cincinnati. Ohio
Hi again, correction on Cov. Ky's now stn. WCLU-1320. Power is 500 watts, with 2-tower
DA to protect WHOK. DX for the week; WTOA-1370 at 2300 12/2, hrd ID, but no location.
Not listed in WMWG. Where? (No WTOA here either-could it be WCOA?-pb). WDGY-1130 at
1645 12/5 and WTKY-1370 1725 12/5. Veries in from KS00 for state #37 veried, and WIMS
with unusual but very elever verie. It is like a check. (Mich. City, Ind. Dec. 2 19
65, --Pay to the Order of Fred Prochtl , - *****One*** verification of reception
For your report dated . Nov. 28. 1965....etc.) Total new 379/200. Enuf, 73.

Paul S. Lotsof. 276 Nassau Avc., Kenmoro, N.Y. 14217
Attonshun Calif. members: I am extremely interested in (1) R&R mx, and (2) broadcasting (my probable career). I'd therefore love to receive tapes of following stns; KYA, KEWB, KRLA, KFWB, KBLA etc. I'll gladly return all tapes, and if you insist, even pay postal charges. All tracks-any speed. Superb DX week: 1/28 KFAB u/WBT-1110; 11/29 CKCK WSUN-620, WVOP-970, WWOD-1390, WING-1410, WCSC-1390 all between 0300 & 0530; 12/1 WNCR-1230, WNCX-990, WECM-1440 0500, WQOK-1440 0505, Haiti-1035 0530 w/SS religious pg; 12/3 R. Americas-1157 0510, WCHS-580 0525, WKIX-850 u/WJW 0528, WBBB WJAR-920 0531, WRAD-1460 0541; 12/4 WADO-1280 0145, WCLS-1580 0423, WRDW-1480 0430, WCHB01440 0432, WPON-1460 0433, WPHN-1560 0437 s/f/c u/WRSJ-1560 my 1st Puerto Rice, WSVA-550 0612. Questions: What is power & pattern of PJB-800? What stn plays R&R en 710 u/WOR? What is the Jones Log? What became of Comrade Modell in New Yorkgrad? Buffalo in '69! 73

11 December 1965 DX WORLDWIDE Page One
Editor: Ed Krejny 6538 Belmeadow Drive Middleburg Heights, Ohio 44130

all evening. (BP) Was heard 11/28 at 239. What a good signal, what is their address? (RRC) (See DNN, 13 November, Dick - ed) 548 Vladivostok, ASIATIC RUSSIAN SFSK was in beautifully 12/4 at 0328; second best signal from the Orient at this time. (RJS) 550 CMAN. Begota, Verified by letter, received 10/27, my report of 9/1. Signer is unreadable. Fower is not listed. (RH) 550 CMAN. Begota, COLOMBA sent a pennant in response to my Spril report; it was received on 11/22. (BP) 610 XE?? (?), MEXICO-an INID Mexican was noted here 12/6 at 0715 over the domestics. Yawn. (RJS) 625 TIRICA San Jose, COSTA RICA is in here nightly with a strong signal and little QRM. (JC) 630 CNNQ Santa Clara, CUBA is noted daily all evening. (BP) 640 CNQ Santa Clara, CUBA is noted regularly along with RFI in the evenings. (MS) 651 HAT Begota, COLOMBA was probably the SS AME here 12/6 from 0448-0520, No. 10 heard, HJJX, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) 653 HIAT Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power of the working state of the covering with a station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBC) Was heard 12/6 from 0558-0604, It was rough copy with NSM and Promgyang. (RJS) 655 YSS San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (RS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws., as it overrode YSS mas Alvador, EL SALVADOR is probably the SS here on 12/6 at 0522. (RJS) 660 YYLH Markey, Venezuella, R. Girardot was possibly the SS here on 12/6 man full on 11/29 with s/off at 2359. Power is 10 kws. (LBC) Is another statithat is in nightly with good signals. (JC) 677 Markey, Venezuella, R. Girardot was possibly the SS here on 12/6 man on the part of the first sime here in many a moon on 11/28 with		XEWA	San Luis Potosi, MEXICO is noted evenings o/u CBK. (MS) Is noted daily all evening. (BP) Was heard 11/28 at 2345 with a good signal. What is
Viadivostok, ASIATIC RUSSIAN SFSk was in beautifully 12/4 at 0328; second best signal from the Orient at this time. (RJS) Bechar, ALGERIA verified by letter, received 10/27, wy report of 9/1. Signer is unreadable. Power is not listed. (HH) 550 CMAN Plnar del Rio, CUBA is noted daily all evening. (BP) 605 HJKL Begota, COLOMBIA sent a pennant in response to my Spril report; it was received on 11/22. (BP) 610 XE77 610 XE77 610 XE77 610 XE77 611 XE77 612 San Jose, COSTA RICA is in here nightly with a strong signal and little QRM. (JC) 620 CMG 630 CMG0 Sant Clarm, CUBA is noted daily all evening. (BP) 640 CMQ Hawana, CUBA is noted regularly along with KFI in the evenings. (MS) 641 Is noted daily all evening, Sometimes it pins the S meter. (BP) 642 Radio Peking, CHIMA faded in around 0420 on 12/6, (RJS) 643 RG HJKR E GOSTA RICA STAND REPORT OF SANCE HERE AND PART OF		and the second s	all evening. (BP) was heard 11/20 at 2343 with a good Signal, what is
second best signal from the Orient at this time. (RJS) Becher, ALGERIA verified by letter, received 10/27, my report of 9/1. Signer is unreadable. Power is not listed. (RH) Final del Rio. CUBA is noted daily all evening. (SP) Begota. COLOMBIA sent a penant in response to my Spril report; it was received on 11/22. (SP) (7), MEXICO-an UnID Mexican was noted here 12/6 at 0715 over the domestics. Yawn. (RJS) TIRICA San Jose, COSTA RICA is in here nightly with a strong signal and little QRM. (JC). Santa Clera, CUBA is noted daily all evening. (GP) Ravana, CUBA is noted deily all evening. (GP) Ravana, CUBA is noted regularly slong with KFI in the evenings. (MS) Is noted daily all evening, Sometimes it pins the S meter. (BF) Radio Peking, CHINA faded in around 04/20 on 12/6. (RJS) Begota, COLOMBIA was probably the SS ANer here 12/6 from 04/48-05/20. No ID heard. HJJX, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 560. Noted on 652.6 on 12/2 at 2228 s/off. (JJK) Was the station here 11/29 from 21/48-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with NSM and Fyongyang. (RJS) San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (WS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Fower is 10 kws (LBG) Is another statithat is in nightly with good signals. (JC) Merecay, VENEZUELIA, R. Girardot was possibly the SS here on 12/6 at 0522. (RTS) 113bon, FORTUCAL was noted 11/22 at 0230 in Portuguese. Good level. (JLK) I ddn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (BN) Managua, NICARAGHA was noted on 674.7 on 12/1 at 1915. Stronger than TID on 675, but TIU			Their address (KBC) (See DAWW, 13 November, Dick - ed)
Signer is surreadable. Power is not listed. (HHM) 550 CMAN Plnar del Rio, CUBA is noted daily all evening. (BP) 605 HJKL Bogota, COLOMBATA sent a pennant in response to my Spril report; it was received on 11/22. (BP) 610 XE?? (7), MEXICO-an Unit) Mexicon was noted here 12/6 at 0715 ever the domestics. Yawn. (RJS) 625 TIRICA San Jose, COSTA RICA is in here nightly with a strong signal and little QRM. (JC) 630 CMHQ 640 CWQ Hawan, CUBA is noted daily all evening. (DP) 640 CWQ Hawan, CUBA is noted regularly along with KFT in the evenings. (MS) 641 Is noted daily all evening, Sometimes it pins the S meter. (BP) 642 Is noted daily all evening, Sometimes it pins the S meter. (BP) 643 Raio Peking, CRIMA faded in around 0420 on 12/6. (RJS) 644 BOGOTA, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520. NO 7D heard, HJXT, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) 653 HIAT Santo Domingo, DOMINICAN REPUBLIC, R. thiversal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off, (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDS. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times, (LBG) Was heard 12/6 from 0558-0604, It was rough copy with WSM and Pyongyang. (RJS) 655 YSS San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (MS) IDed as R. Nocional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws., (LBC) Is another stational than the signal and music. (MS) Idea of R. Nocional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws., (LBC) Is another stational than the symmetry of the sevening with a near reference and is heard nightly past 0100 with signal and music. (MS) Idea of SC2. (RJS) 660 YVLH Maracay, VEREZUBLIA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 671 YMD Maracay, VEREZUBLIA, R. Girardot was p	44.0	· ·	viadivostok, Asiailo kussian srsk was in beautituity 1274 at 0525,
Signer is unreadable. Power is not listed. (HH) 1500 CMAN Plare del Rio, CUBA is noted daily all evening. (BP) 1500 ME?? 1700 ME?? 1701 MEXTICC-an UnID Mexican was noted here 12/6 at 0715 over the demostics. Yawn. (RIS) 1702 MEXICC-an UnID Mexican was noted here 12/6 at 0715 over the demostics. Yawn. (RIS) 1703 CMHQ Santa Clara, CUBA is in here nightly with a strong signal and little QRM. (JC) 1704 Meyana, CUBA is noted daily all evening. (BP) 1706 MEYANA, CUBA is noted regularly along with KFI in the evenings. (MS) 1707 Is noted daily all evening, Sometimes it pins the S meter. (BP) 1708 Radio Feking, CUBA is noted regularly along with KFI in the evenings. (MS) 1708 Is noted daily all evening, Sometimes it pins the S meter. (BP) 1709 Radio Feking, CUBA is noted national 0420 on 12/6, (RUS) 1709 MEM Rogota, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520. No. (December 1) 1709 In heard, HJJX, E. Monserrate is supposed to be the current call and slogan. (RIS) 1709 IN HAME SOME AND	Maria de la companya		Booker ALCERIA worified by letter received 10/27, my report of 9/1.
550. CMAN Pinar del Rio, CUBA is noted daily all evening. (BF) 605 HNKL Bogota, COLOMENA sent a penant in response to my Spril report; it was received on 11/22, (BF) 610 XE?? (1) MEXICO-an Unid Mexican was noted here 12/6 at 0715 over the domestics. Yawn. (RJS) 625 THICA San Jose, COSTA NICA is in here nightly with a strong signal and little QRM. (JC) 630 CMQ Santa Clara, CUBA is noted deily all evening. (BF) Addo Peking, CHINA faded in around 0420 on 12/6. (RJS) 650 HJKH Begota, COLOMBIA was probably the SS AMer here 12/6 from 0448-0520. No In heard, HJJX, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) 653 HIAT Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kWs. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kWs., as it overrode YSS most of the evening with a near perfectly resdable signal at times. (IDS) Was heard 12/6 from 0558-0504. It was rough copy with NSM and Pyongyang. (RJS) San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (MS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws., (LBG) Is another static that is in nightly with good signals. (JC) 660 YVLH Marcay, VENZEUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) Lisbon, PORTUGAL was noted 11/22 at 0230 in Portuguese Good level. (JLK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (BW) 670 YMD 680 CMBC Havana, CUBA is noted devanings u/ NMAQ. (MS) (Probably CMKP - ed) Managus, NICARROUM was noted on 674.7 on 12/1 at 1915. Stronger than TUO on 675, but TUO is separable. (JLK) An Unid SS was noted with football from 2310 on 11/30. It was in bett 12/1, about \$4.5, with a man talking, "76 Trombones", drum rolls, and an apparent ID announcement at	and the second second	The many of the country	Signor is unreadable Power is not listed (HH)
605 HJKL Bogota, COLOMBIA sent a pennant in response to my Spril report; it was received on 11/22, (BP) 610 XE?? (7), MEXICO-an UnID Mexican was noted here 12/6 at 0715 over the domestics. Yawn. (RJS) 625 TIRICA San Jose, COSTA NICA is in here nightly with a strong signal and little QRM. (JC) 630 CMMQ 640 CMQ Havana, CUBA is noted deily all evening. (BP) 645 650 HJKH Bogota, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520, No ID heard, HJJX, E., Monserrate is supposed to be the current call and slogan. (RIS) (DFC reported no change in the call, Randy - ed) 653 HIAT Santo Domingo, DOMINICAN REPUBLIC, R., Universal announces their power as 5 kws. and frequency as 650, Noted on 652.6 on 12/2 at 2238 s/off. (JJK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) 655 YSS San Salvador, EL SALWADOR is probably the SS noted here with a man speaking and music. (WS) IDed as R. Nacional de EL Salvador at 2301 on 11/29 with s/off at 2359, Power is 10 kws (LBG) Is another statisthat is in nightly with good signals. (JC) 660 YULH Moracey, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 671 MD Managua, NICARAGUM was noted of 1/2 at 0230 in Portuguese. Good level. (JLK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (EW) 670 MD Managua, NICARAGUM was noted of 1/4, on 12/1 at 1915, Stronger than TIU on 675, but TIU is separable. (JLK) 671 MD Managua, NICARAGUM was noted of 1/4, on 12/1 at 1915, Stronger than TIU on 675, but TIU is separable. (JLK) 672 An UnID SS was noted with football from 2310 on 11/30, It was in bett 12/1, about S4-5, with a man talking, "76 Trombones", drum rolls, and an apparent ID announcement at 2319 but unreadable just them. (MS) 673 MEN MANAGUM MANAGUM			Piner dol Rio CURA is noted daily all evening (RP)
was received on 11/22, (BP) 610 XE?? (7), MEXICO-an UnID Mexican was noted here 12/6 at 0715 over the domestics. Yawn. (RJS) 625 TIRICA 530 CMMQ 530 CM			Bocota COLOMBIA sent a pennant in response to my Spril report: it
610 KE?? (7), MEXICO-an UnID Mexican was noted here 12/6 at 0715 over the domestics. Yawn. (RJS) 625 TIRICA San Jose, COSTA RICA is in here nightly with a strong signal and little QRM. (JC) 630 CMQ 640 CMQ Havana, CUBA is noted daily all evening. (BP) Radio Peking, CHINA faded in around 0420 on 12/6. (RJS) 650 HJKH 665 BJKH 666 BJKH 667 CMQ Radio Peking, CHINA faded in around 0420 on 12/6. (RJS) Radio Peking, CHINA faded in around 0420 on 12/6. (RJS) 668 BJKH 679 BJKH 680 Rogat, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520. No ID heard, HJIX, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFC reported no change in the call, Randy ed) Santo Domingo, DOMNHICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode XSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with MSM and Pyongyang. (RJS) 655 YSS San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (MS) IDed as R. Nacional de EL Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws (LBG) Is another statithat is in nightly with good signals, (JC) 660 YVLH Marcaey, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 671 MB Managua, NICARAGUA was noted of 14/2 at 0230 in Portuguese. Good level. (JLK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (EW) 672 MB Managua, NICARAGUA was noted of 14/4. on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) 673 MB Managua, NICARAGUA was noted of 14/4. on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) 674 MB Managua, OLDARAGUA was heard for the first time here in many a moon on an apparent ID amouncement at 2319 but un	the transfer of the	19	
domestics, Yawn. (RJS) San Jose, COSTA RICA is in here nightly with a strong signal and little QRM. (JC) Santa Clara, CUBA is noted daily all evening. (BP) Havana, CUBA is noted regularly along with KFI in the evenings. (MS) Is noted daily all evening. Sometimes it pins the S meter. (BP) Havana, CUBA is noted regularly along with KFI in the evenings. (MS) Is noted daily all evening. Sometimes it pins the S meter. (BP) HAWH Bogota, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520. M ID heard. HJNK, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) Santo Domingo, DOMINICAN REPUBLIC, R. Unitversal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) San Salvador, EL SALVADOR is probably the SS noted here with a men speaking and music. (MS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off. at 2399. Power is 10 kws (LBG) Is another static that is in nightly with good signals. (JC) Maracay, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) Lisbon, FORTUGAL was noted 11/22 at 0230 in Portuguese. Good level. (JLK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (EW) AN UNID SS is noted evenings u/ WMAQ. (MS) (Probably CMWP - cd) Managua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) Was in beautifully after s/on 12/6 from 6050-0715. (RJS) Mavana, CUBA is noted daily all evening. (BP) Mexico City, MEXICO has moved here and is heard nightly past 0.100 with Mexican popular music. They had a fine signal at times, and I heard them one day at 1450 with n	610	XE??	
San Jose, COSTA RICA is in here nightly with a strong signal and little QRN, (JC) 630 CMHQ Santa Clara, CUBA is noted daily all evening. (RP) 640 CMQ Hawana, CUBA is noted regularly along with KFI in the evenings. (MS) Is noted daily all evening, Sometimes it pins the S meter. (BP) 645 Radio Peking, CHINA faded in around 0420 on 12/6, (RJS) 650 HJKH Bogota, CLOMBHA was probably the SS ANer here 12/6 from 0448-0520. Noted on 620. 630 MJK ID heard, HJJX, E. Monserrate is supposed to be the current call and slogan. (RJS) (DPC reported no change in the call, Randy - ed) 653 HIAT Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 650. Noted on 652. 60 ni2/2 at 2328 s/off. (JIK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times, (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) 655 YSS San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (WS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws (LBG) is another static that is in nightly with good signals. (JC) 660 YVLH Maracay, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 655 (JIK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (BW) 670 ???? An UnID SS is noted evenings u/ MMAQ. (MS) (Probably CMMP - ed) 671 Managua, NICARAGUM was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JIK) 672 An UnID SS was noted with football from 2310 on 11/30. It was in bett 12/1, about S4-5, with a men talking, "76 Trombones", drum onlis, and an apparent ID announcement at 2319 but unreadable just then. (MS) 673 MSN Mexico City, MEXICO has moved here and is heard nightly past 0100 wit Mexicon popular music. They had a fine signal a		o r ang b	domestics. Yawn. (RJS)
1ittle QRM. (JC) Santa Clara, CUBA is noted daily all evening. (BP) 640 CMQ Hawana, CUBA is noted regularly along with KFI in the evenings. (MS) Is noted daily all evening. Sometimes it pins the S meter. (BP) 645 Radio Peking, CHINM faded in around 0420 on 12/6, (RJS) 650 HJKH Bogota, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520. N ID heard, HJJK, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) 653 HJAT Santo Domingo, DOMINICAN REPUBLIC, R. Unitversal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode NSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) 655 YSS San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and mustic. (WS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws. (LBG) Is another stationary, YENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 660 YVLH Maracay, YENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 665 (JJK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one, (RW) Mn linD SS is noted evenings uf WAMO, (MS) (Probably one, (RW) Mnagua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) Ws) (Probably one, (RW) Managua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) Ws) (Probably one, MS) one an apparent ID announcement at 2319 but unreadable jum beautifully after s/on 12/6 from 0620-0715. (RJS) 700 HCJB Wavena, CUBA is noted daily all evening. (BP) 691 KEK Mavana, CUBA is noted daily all evening. (BP) 702 HCJB Avana, CUBA is noted daily a	625	TIRICA	San Jose, COSTA RICA is in here nightly with a strong signal and
630 CMQ Santa Clara, CUBA is noted daily all evening. (BF) 640 CMQ Havana, CUBA is noted regularly along with KFI in the evenings. (MS) 640 Lis noted daily all evening. Sometimes it pins the S meter. (BP) 645 650 BJKH 650 BJKH 650 BJKH 650 BJKH 650 BJKH 651 Lis noted daily all evening. Sometimes it pins the S meter. (BP) 652 BJKH 653 HJAT 654 Lis noted daily all evening. Sometimes it pins the S meter. (BP) 655 BJKH 655 Lis noted the state of the state	and an order of the second		
Havana, CUBA is noted regularly along with KFI in the evenings. (MS) Is noted daily all evening, Sometimes it pins the S meter. (BP) Radio Peking, CHINA faded in around 0420 on 12/6. (RJS) Bogota, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520. N The heard, MJJX, E. Monserrate is supposed to be the current call and slogan, (RJS) (DFG reported no change in the call, Randy - ed) Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2146-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (MS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws. (LBG) Is another statithat is in nightly with good signals. (JC) Maracay, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 665 Ilsbon, PORTUGAL was noted 11/22 at 0230 in Fortuguese. Good level. (JLK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Fortuguese had to be this one, (BW) An UnID SS is noted evenings u/ WMAQ. (MS) (Probably CMKP - ed) Managua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TU on 675, but TIU is separable. (JLK) An UnID SS was noted with football from 2310 on 11/30. It was in bett 12/1, about S4-5, with a man talking, "16 Trombones", drum rolls, and an apparent ID announcement at 2319 but unreadable just then, (MS) Havana, CUBA is noted daily all evening. (BP) Mexico City, MEXICO has moved here and is heard nightly past 0100 wit Mexican popular music. They had a fine signal at times, and I heard them one day at 1450 with not too bad a signal. (JC) La "M" Mexican was heard as early as 0300. AN, I believe. (JLK) Was	630	СМНО	Santa Clara, CUBA is noted daily all evening. (BP)
Is noted daily all evening, Sometimes it pins the S meter, (BE) Radio Peking, CHINA faded in around 0420 on 12/6. (RJS) Bogota, COLOMBIA was probably the SS ANer here 12/6 from 0448-0520, Not ID heard, HJJX, E. Monserrate is supposed to be the current call and slogan, (RJS) (DFG reported no change in the call, Randy - ed) 653 HIAT Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off, (JIK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times, (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSN and Pyongyang, (RJS) 655 YSS San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and muste. (MS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws. (LBG) Is another statisthat is in nightly with good signals. (JC) Maracay, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) Lisbon, PORTUGAL was noted 11/22 at 0230 in Portuguese. Good level. (JIK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (BW) 670 ???? An UniD SS is noted evenings u/ WHMQ. (MS) (Probably CMKP - ed) 675 YND Managua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JIK) 777? An UniD SS was noted with football from 2310 on 11/30. It was in bett 12/1, about S4-5, with a man talking, "76 Trombones", drum rolls, and an apparent ID announcement at 2319 but unreadable just then. (MS) Mexico City, MEXICO has moved here and is heard nightly past 0100 wit Mexican popular music. They had a fine signal at times, and I heard them one day at 1450 with not too bad a signal. (JC) La "N" Mexicana was heard as early as 0300. AN, I believe. (JIK) Was in beautifully after s/on 12/6 from 620-0715, (RJS) 777 Every MY there			
Bogota, CoLOMBIA was probably the SS ANer here 12/6 from 0448-0520, No. 1D heard. HJJX, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 650. Noted on 652, 6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (NS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws (LBG) Is another static that is in nightly with good signals. (JC) 660 YVLH Maracay, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 655 (JJK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (BW) 670 ???? An UNID SS is noted evenings u/ WMAQ. (MS) (Probably CMKP - ed) Managua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) 771 An INID SS was noted with football from 2310 on 11/30. It was in bett 12/1, about S4-5, with a man talking, "76 Trombones", drum rolls, and an apparent ID announcement at 2319 but unreadable just then, (MS) 690 CMBC Havana, CUBA is noted daily all evening. (BP) Mexico City, MEXICO has moved here and is heard nightly past 0100 wit Mexican popular music. They had a fine signal at times, and I heard them one day at 1450 with not too bad a signal. (JC) La "N" Mexicana was heard as early as 0300. AN, I believe. (JLK) Was in beautifully after s/on 12/6 from 0620-0715. (RJS) 7727 Every MM there is a beacon signal here with Morse code until 0500 whe it always disappears. Is a beacon listed here, Ed? MM 11/29 I had a very weak signal	a Vijek i dalika je da istolika i Portor i menancije se	uo tekuu ät k	
ID heard, HJJK, E. Monserrate is supposed to be the current call and slogan. (RJS) (DFG reported no change in the call, Randy - ed) Santo Domingo, DOMINICAN REPUBLIC, R. Universal announces their power as 5 kws. and frequency as 650. Noted on 652.6 on 12/2 at 2328 s/off. (JLK) Was the station here 11/29 from 2148-2318 s/off giving frequent IDs. I think the power must be more than 5 kws., as it overrode YSS most of the evening with a near perfectly readable signal at times. (LBG) Was heard 12/6 from 0558-0604. It was rough copy with WSM and Pyongyang. (RJS) San Salvador, EL SALVADOR is probably the SS noted here with a man speaking and music. (MS) IDed as R. Nacional de El Salvador at 2301 on 11/29 with s/off at 2359. Power is 10 kws (LBG) Is another statisticated in the signal and in the signal and signals. (JC) Maracay, VENEZUELA, R. Girardot was possibly the SS here on 12/6 at 0522. (RJS) 665 Lisbon, PORTUGAL was noted 11/22 at 0230 in Portuguese. Good level. (JJK) I didn't get a positive ID but the strong TA noted here 11/29 from 0234 with music and news in Portuguese had to be this one. (BW) An Unid SS is noted evenings u/ WMAQ. (MS) (Probably CMKP - ed) Managua, NICARAGUA was noted on 674.7 on 12/1 at 1915. Stronger than TIU on 675, but TIU is separable. (JLK) 7??? An Unid SS was noted with football from 2310 on 11/30. It was in bett 12/1, about S4-5, with a man talking, "76 Trombones", drum rolls, and an apparent ID announcement at 2319 but unreadable just then. (MS) 690 CMBC Mexico City, MEXICO has moved here and is heard nightly past 0100 wit Mexican popular music. They had a fine signal at times, and I heard them one day at 1450 with not too bad a signal. (JC) Ia "N" Mexicana was heard as early as 0300. AN, I believe. (JIK) Was in beautifully after s/on 12/6 from 0620-0715, (RJS) 700 HCJB Quito, ECUADOR was heard for the first time here in many a moon on 11/28 with a moderate to good signal at 2100. SS programming. (JC) 735 ???? An UniD was logged here, oriental I presume, 12/6 at 0540 with	645	% 900 000 \$ ** **********************************	Radio Peking, CHINA faded in around 0420 on 12/6, (RJS)
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very weak signal, possibly Macau, from 0750-0802, (LBG) (EBU shows "JB"-735, "WB"-737 and "UR"-739; no locations given - ed)	n de Aleksander Orderen de Aleksander	????	
"JB"-735, "WB"-737 and "UR"-739; no locations given - ed)	or magnification of the Section (1997). The section of the section	garaya (1946), A Kabupatèn Barbara	
1460 9710) "Z.F. "Zádő-Közt "őzd, "Özik- lőkő" okája kikka kés 'és jő, köngszeke ésge, "egya" 1460 9102, visk-kes vész, készkeső szok a gyádás-ksővest kes keszkó kigszá közt, szok sáda, szok szoka			
- 1969 999, 469-199 999, 160-1968-1669 and the 960-1669 and the property of the 1964 966 and the state of the contract of the state of			"JB"-/35, "WB"-/3/ and "UR"-739; no locations given - ed)
			an kanang kelang menggan berang kelang menggi berang penggan ang diberah di kelang belang di kelang di kelang Salatakan menggi Menggan banggan di kenangkan belangkan belangkan kelang di kelangkan berang di kelang di kela
			。""这一点,我们还有这样,我们就是这一点,我们就是一个一点,你是一个一样,我有这样的,我就是你一样的。""这一人,我们还是我们的,我们还是一个人,我们就是这一
			T 4985 H. Giring Themskell was no history stephic to caused doubt lyad -

737		Barcelona, SPAIN was first noted 11/11 at 0130 with good level. Also
700	0000	on 11/22 and 11/29 around the same time. (JLK)
738	????	The oriental here was pretty strong 11/29 from 0740-0802. I taped a
www.	Angrad d	fairly good ID at 0800 with chimes etc., and am hoping Gray's Chinese
		friend can help me with it. I believe it might be the Thai station
		listed. The programming at this time of the AM is always US R&R. (LBG)
740	YSRM	San Miguel, EL SALVADOR was noted 11/19 at 0101 briefly clear of CBL
	indaka bi	and KRMG with a "YSR" ID. (JLK)
755	XEX	(?), MEXICO-one of the XEX relays was putting a spurious signal centere
	shipu va	on this frequency and frequency modulating. Loop bearings of about
11 00		233° indicate either Saltillo or Monterrey with Torreon being an
$\{i,j\}_{i\in\mathcal{I}}$	41.0	outside possibility. Noted the evening of 11/25 only. (JLK)
764		Dakar, SENEGAL was not quite as consistent this month but it still is
	Nesidi d	coming in from 1830-1900 and at 0100. (JLK) R. Senegal was heard with
n in die State State of State		a fine signal 11/29 at their 0100 s/on. (JC)
hv qi	????	Who is the station here with classical music 11/27 at 0040 just before
la da.	rijedom	Dakar s/on with carrier? (JC) (Very likely Sottens - ed)
773		Cairo, EGYPT/UAR was logged here 11/15 with weak signals but I just
HJ.		managed to pull some audio out with an ID at 1830. (JC) Was noted for
		the first time this year 11/5 from 1830-1845. Poor signal. (JLK)
		Valencia, SPAIN was first noted 11/11. Excellent on 11/22 at 0130 so
		took a report. Easily audible 11/22 in broadest selectivity position.
	A Company of the Comp	Still 25 kws.? (JLK) (Apparently, Jack - ed)
775	TIW	San Jose, COSTA RICA was logged on 774.6 on 12/1 at 1930; a bit down
i detaka Ka		from its nominal 775. (JLK)
780	????	I heard a man singing a song with a Latin beat, but in an oriental
, 00	Maria N	language, here 12/1 at 1009 (after JOIU s/off). There are lots of
	AMAMAI NY	possibilities but it was probably the Chinese outlet. (LBG)
782	CSB9	Mirror Populo Attended to the Chinese Dutlet, (LBG)
/52	למנט.	Miramar, PORTUGAL was noted wedged in between the Cuban on 780 and an
705		extremely strong OC on 785 on 11/22 at 0220. (JLK)
785		Black Rock, BARBADOS is noted often from 2130 to s/off at 2211. (BP)
NaMA	출발는 뜻 호트리의	Was probably the station with uninterrupted instrumental music 12/3 fro
1511		0039-0050. At 0050 there was a brief announcement in EE followed by
	fo, Habili	GSQ. Isn't this a bit late for RS? (Yes - ed) By the way, this station
		is evidently leaving its carrier on AN lately. It caused a het on
		Pyongyang later in the morning. (LBG) (Noted here too, Larry - ed)
795		Shanghai (?), CHINA was noted 12/5 at 0410 and on 12/6 at 0420 and
unic		
800	PJB	Bonaire, NETH, ANTILLES was loud at 0530 on 11/25 in SS. IDed as Radio
tilba		Trans-Mundial la isla de los flamencos. (AWP)
810	????	An UnID LA was here 12/6 from 0510-0550. I still get "R. Re-pun-te"
elik k	agái dhi	and Rumbos-like bells. Maybe YVLP changed slogans? Could you decipher
i kani		my tape, Ed? (RJS) (I'll try, Randy, Send it along - ed)
11 44 13 11 7 1 33	????	Another UnID was here 12/6 at 0718 and I can't distinguish the lingo
		even though it was a good signal. Sounds like SS but a plodding type
		of SS. At times it sounded oriental. (RJS)
818		Andorra, ANDORRA was noted 11/22 and 11/29 separable from HJED at
	Alebert et i	about the same level after WFAA s/off around 0105. (JLK)
820	HIAZ	Santiago, DOMINICAN REPUBLIC, R. Santiago is now being heard again. (UR
834		Belize, BRIT, HONDURAS was heard exceptionally strong here 11/29 from
		2042-2230. Was S4 compared to S5 for WCCO and WHAS. Music, BBC and
		local news, and religious program. IDed as "This is Radio Belize, voice
North (of the emerging nation of Belize in Central America. We unite to build
	a a Martin de la companya de la comp La companya de la co	a nation and we keep our delivering the central America. We unite to build
		a nation and we keep our dollars working at home when we buy Belizian
		products. S/off at 2230. They use EST-zhour. (PLS) Has been on as late
		as 2330 in the past month; (JLK)
835		Kiangsi (?), CHINA faded in at 0440 on 12/6; later than 645 or 795
9.3.	majojenia – 3	although it is probably more powerful. (RJS) Was very loud on 11/28
		at 0605. (ANP)

11 17	ecember r.	
836	grisia i Logic	Nancy, FRANCE was logged at 0103 on 11/29 with "Highlights of TV
		Programs". Reported. (BP) Is as regular as Bordeaux around 0000. Easy
e Evisionistis	n I Jakin	enough to separate from 840 with TGKL dominant there. (JLK)
	e a server Linguia que	
		England up to 1600 s/off. (KB)
		Who is the LA running late? Not HJBI or Brazil, but I can't get an ID.
	elly olaac	
845		Rome, ITALY was in many nights at various times in the evening. I'm
rosanog Bu	ogie evoku	
854	EAJ2	Madrid, SPAIN, R. Espana was logged at very good level for a few minutes
1450-17	ggibi noso	11/29 around 0120; above the local line noise which was fierce that
	i garan Ly	AM, but with "splatter" from 850 and 860. (JLK)
860	XEMO	Tijuana, MEXICO was noted with a ggod signal 11/29 at 0215. (BW)
	XEMM	Morelia, MEXICO was noted at 2005 on 11/65 (sic) with the loop
स्वयं अस्य ज्या क्रिय		null on WWL, (JLK)
	ułaka	
9.70 30. 00. 131	명성 · ● : ● : ● : 라이 - 네 : b	
		news, weather, interviews and farm news. (BW) Had an excellent S9 signal
	raud, e fang	
		Yuzhno-Sakhalinsk, ASIATIC RUSSIAN SFSR had a good signal on 11/25
	u) spanja	at 0630 (AWP)
885		Plymouth, MONTSERRAT was noted on 11/10 at 1915 with an ID followed by
uwo ka ƙwa	y Yddiniddo	a program which appeared to be the BBC's "Radio Newsreel". (JLK)
908		Brookmans Park, ENGLAND was heard 11/29 at 0110 with severe "splatter".
. Jawali blas	v slagici	Home Service programs. (JC) Checked in 11/22 at 0135. Good level. (JLK)
926		Brussels, BELGIUM was logged 11/22 at 0140. Weak and with bad
i nika	kan kan ot	"splatter" from 930. (JLK) a painage near a brand I
940	YVQT	Carupano, VENEZUELA, R. Carupano was heard with Rumbos network news
	A Zohini II	12/6 at 0541 o/ Radio Peking. (RJS)
965	????	John Oldfield's mystery station here may be Cuttack, India, a station
		heard frequently in New Zealand. It is possible that they broadcast in
. Varikos ir us	isa San Pac	
970	HLCA	Seoul, SOUTH KOREA was heard many mornings; like 11/25 at 0300, and
		11/28 at 0200 and 0230. (AWP)
1007		Hilversum, NETHERLANDS was noted with good level on 11/29 at 0105
		with a talk in Dutch. (JLK)
1020	34 - B. R. B. B. B. B. F.	Padio Poking Curna hoord with and at 10/6 at 2006
1020		Radio Peking, CHINA was heard with good signals 12/6 at 0706. Must
igajaj (O		have an 0700 s/on. No KGBS this date; hope it's regular. (RJS)
1030	????	An UnID SS was giving WBZ a run for its money; who? (MS) (XEQR in
oskaž jag i		Mexico City is a good bet, Mike Ged) The series of the control of
1035	4VEF	Cap Haitien, HATTI verified in 4 weeks with a card in EE signed by
Hogi kiyin	auditure :	Mrs. Kent Ragsdale: (RBC) 30000 by Ad the Ad the and the the
1040		Radio Peking, CHINA has changed format. No longer s/off for 5 minutes
	- Mintag	before the hour. Now ID at 3 minutes before the hour as "Peking Hoso"
es es en el differencia	rin . rīg ilugras	in JJ. Then music, talk, and a choral group sings the anthemn on the
		hour. More music played now; contrasted to "all talk" before. (ALIP)
1043		Dresden, EAST GERMANY was noted 11/29 at 0148 in GG. Just separable
	n i Maria Na Mariana Amerikan	from WHO. (JLK) a 10 11 testos and Addition arrobah
1060	HLKX	Inchon, SOUTH KOREA sent an attractive QSL card with letter to verify
the state of the s		my 11/15 report. The Station Manager, Bob Livingston, says mine was only
	Lawin gr.	the third report from the MC in manual O weeks of exerction D
	ii Wang b	the third report from the US in nearly 9 years of operation. Reports
	ad galama	should be sent to APO, San Francisco, California, 96571 at domestic
	\$66,000000	postal rates. (LBG)
1088	### * # * # *# *	Droitwich, ENGLAND was noted 11/22 at 0203 with world news. Separable
antalijiji		from XERB and good level. (JLK)
1097	2227	An UnID was logged here 11/29 around 0045 but with no readable audio.
		I suppose Bratislava might be the prime suspect. (JLK) (Yes - ed)
1106	- (**)* * , 8 f	Vilnius, LITHUANIAN SSR was logged 11/13 from 2057-2205 in // to 1115.
	ne kood v	Signals were very good that night and this was almost armchair
4 (40 1) 44 (40 10	mention of the first of the	1 departure 7 Time 1 Ti

Page Four

December	

	II De	Cemper	
	1106	????	An UnID, possibly AFN-Germany, was noted 11/29 at the same time as the one on 1097, but the audio was below the local HNL. (JLK)
e	1115		Moscow, RUSSIAN SFSR was logged 11/13 from 2057-2205. Signals were not
٠		.agatin, i	as good as Vilnius-1106 but they were fairly easy to copy. (HH) (Hank,
٠.		A MANALIA Janah	EBU lists this one as Kaliningrad; a separate country - ed)
		YNL	Leon, NICARAGUA was probably the LA noted 12/6 at 0627 briefly. (RJS)
	1123	????	An UnID oriental was heard briefly 12/6 at 0705 in what seemed Mandarine
			Played the "Mexican Hat Dance" then (Probably the "Peking Beer Barrel Polka" over there.) (RJS)
	1133	ajūvinies i	Radio London, INTERNATIONAL WATERS was logged 11/22 with R&R at 0207
	49 (Bon. 341	ikal.	with good level and with a low frequency (90 cps) het. On 11/29 a check
1			of the frequency found another station mixed in at 0155. (JLK) Verified
	- Parago		my 10/12 reception with a QSL card on 11/10. Also enclosed a card show-
	n en elektri Tibayjadar		ing the ship. Card is not signed. Power is 25 kws.; transmitter location
			The state of the s
	1140	JORK	Kyoto, JAPAN was heard 12/6 from 0456-0500 with the domestics and the jammer. (RJS)
	1145	4VAB	Port-au-Prince, HAITI, R. Caraibes was heard in FF 12/6 at 0551. (RJS)
	1151		Stagshaw, ENGLAND was heard weakly all morning. It had the same type
	oosay ya		of programs as 881. (BW) (I assume you meant this one, Bill - ed)
	11570		Radio Americas, SWAN ISLAND is noted daily with a clear signal. (BP)
	1160	HLKU	Pusan, SOUTH KOREA is evidently the station I heard MM 11/29 from
14.			0441-0730 with a very good signal at times. (ex-1035 apparently)
1.			The language was Korean, per a friend, and at 0500 I heard the "3 pips and a melodic tone" IS characteristic of KBS stations followed by a
	- ,6000 \$a.		commercial for a well known South Korean pharmaceutical company. The
444	alişəki ki	MA 4.5 .	power is listed as 10 kws. Taped report sent! There was slight inter-
			ference from a Chinese sounding station. (Radio Peking?) (LBG)
("	1178		Okinawa, RYUKYU IS. (US TRUST.) was logged here in England at midday
`			(GMT) under Horbyl (KB)
	et e getasjärfigets. Familiet e end aver	????	I frequently hear Morse code here, Ed. Is there a beacon listed? (LBG)
	1187		(None I could find, Is the VOA jammed? Some jammers use Morse calls - ed) Szolnok, HUNGARY was apparently the station here 11/29 at 0050 with
	1107		orchestral music and a talk in what appeared to be Hungarian. (JLK)
	1190		Radio Peking, CHINA was heard 11/21 at 0630 u/ NOWO with the same
	n wanasing Tanàna		anthemn as played on 1040. (AWP)
	1196		Munich, WEST GERMANY was heard in EE 11/29 at 0052. Particularly good
			level, (JLK) Was in with good signals 11/29 at 0055. (JC)
	1200		Freetown, SIERRA LEONE verified my 9/6 reception with a QSL card received
	en de viere de la verber de la companya de la comp La companya de la co		10/7. The v/s looks like 0. M. Fraser, but I'm not certain. Power is 10 kws Country #93! (HH)
			Bordeaux, FRANCE was heard at 0110 on 11/16. Not good enough for a
٠.	u ere erekinde		report, but a definite catch. (AWP) Verified in 11 days with a v/1
		beleij of	
	1214	0.00	"The Light Program", ENGLAND provided astounding reception from 0055-
	- Paraya Saka - Upanaga Par		The state of the s
			0131 with mention of the Rhodesian situation. Report sent; hope I have
	ermit a Chr	ideatta	better luck than LBG. (AWP) Was heard 11/29 at 0045 with a strong signal
	Langer (Pri		Reported. (RBC) Was heard here 11/29 with a weak signal at 0115. (IC)
			Was heard with decent signals 11/30 from 0115-0155. (RJS)
	1235	ZBM1	The state of the s
	- PARA	ryelene Alaban	
\	1240		Radio Peking, CHINA was heard on a relatively clear channel with KROY off on 12/6 from 0455-0700 in and out. (RJS)
	1295	A PARIS	Crowborough, ENGLAND was noted 11/11 at 0220 with excellent level and
• •		र समि	readability; in German. W(JLK) wastered. First the wastered to be a tenter to be
	1306	XECAM	
			그는 그는 사람들은 사람들이 되었다. 그는 그는 사람들은 사람들이 되었다면 사람들이 되었다면 사람들이 되었다면 사람들이 되었다. 그는 그를 모르는 바람이 불편하였다.

1306	XECAN	with the "Ave Maria" sung, IDs were "RCN de Campeche" and call letters at s/off as "X-E-CAM". Listed and announced frequency as 1280 (A bit
a de la companya di Araba Mariantana di Araba	ing ang terupi sa sang mengang Kabupatan sa Sang Sang Sang	off 1306(. Good level for 1 kw. daytime only. Some change ? (JLK)
1313		Trondheim, NORWAY-UKE-senderen 1965 has been observed after the regula
	의 기본(100명) 12 전 기념(1144 기업 기업 1	Home Service s/off of R. Norway. Reports are requested and will be
		verified. Address: c/o Technical Univ. of Norway (NTH). (WRB)
1322	ang algege in Nasa. Salah Tereb	Leipzig, EAST GERMANY is probably the TA I had here 11/14 from 0108-
	laustyfiaf Tuldvaldv Skiptosionum en valvar	0130. Had popular music with announcements by a man and at times
		by a woman. (HH)
1325	4VVI	Port-au-Prince, HAITI, R. Haiti-although this station is NOT verifying
• • • • • • • • • • • • • • • • • • • •		reports, QSL cards may be obtained from Mr. Victor C. Jaar, PO Box 393
		in Port-au-Prince. (WRB)
1358		Berlin, EAST GERMANY verified my 10/11 reception with a QSL card
1330		
1767		received on 11/19. No signer and no power was listed. (HH)
1367	• • • •	Porto, PORTUGAL verified my 10/12 reception with a QSL card received
		on 12/4. No signer and no power was listed. (HH)
1375		ST. PIERRE & MIQUELON was strong here both 12/1 and 12/2 from 1945 to
		s/off at 2005 with classical music. (PLS)
1376		Lille, FRANCE was heard 11/29 at 0128. Fair signal. Reported. (RBC)
1380	????	An UnID SS, probably Mexican, was noted MM 11/29 at 0350. (MS) (XECO
		in Mexico City was reported on at that time, Mike - ed)
1403	????	Several stations seemed to be on this frequency 11/29 at 0144 when I
		checked, but nothing was dominant. (JLK)
1425	TICJ	San Isidro del General, COSTA RICA, R. Sinai is probably the LA I heard
		s/on 12/6 at 0529. Faded quickly; gone by 0540. (RJS)
1457		Clevedon, ENGLAND was noted 11/29 with a strong signal, S8, at 0400.
		News and features. (ES) Was logged 11/11 at 0200 with EE news. Excellen
	wan muse. S	signal level. (JLK)
.466	3AM2	Monte Carlo, MONACO was heard here with good signals 11/29. Some music
.400	JANZ	
		and then they had an ID at 0115. (JC) Was noted 11/29 at 0030 with the
T-15-1-1-1-1-1		best level so far this season. (JLK) Was logged 11/28 from 1722-1802
		s/off in // to LW on 218. Sent a report comparing the two signals. (HH)
.475	????	An UnID SS was logged here 12/6 at 0536. Maybe TIHCJ? (RJS) (Unlikely,
	ne na ji gay na ji kanta i we da Salaha a da wa i a S	Randy, as noted recently as usual on 1462. More likely YNAG - ed)
493	4.4.8.9	Radio Caroline South, INTERNATIONAL WATERS was barely in the lead
		of the pack at 0140 on 11/29. (JLK)
1520		Radio Caroline North, INTERNATIONAL WATERS was noted with a good S5
		signal 11/29 with R&R from 0340-0400. WKBW was testing. (ES)
	JO??	(?), JAPAN-I heard the NHK time pips at 0600 on 11/29. There are many
		JJ stations listed, so no chance to pinpoint this one. Very weak. (LBG)
	????	An UnID LA was logged here 12/6 at 0538 mentioning Guatemala. Do you
		have the call and slogan, Ed? (RJS) (believe TGDX, Guatemala City,
	al jarkey.	R. Centroamericana is here, Randy. Listed as 1500 - ed)
1523	rigyzatyliko ylbr	Padio Poling CUTMA is apparently leasted in section 1
נייני		Radio Peking, CHINA is apparently located in western China, and
		broadcasts in Russian daily from 1100, 1300, 1400, 1500, and 1600
		to 1655 s/off. (KB)
1546	· • • • •	(?), ENGLAND-the BBC verified my 10/15 reception from 0054-0125 with
		a v/1 received on 10/23. V/s is H. D. P. Bambridge for Head of Engrg.
Andrewski i designation The Commonwealth		Information Dept. Enclosed a glossy booklet showing all TV, LW and MW
		stations in Great Britain (Also shown on 2 maps in the booklet). Thir-
		teen stations are shown here ranging from 250 w. to 1 kw (HH) The
		BBC Third Program was noted at fair level 11/29 at 0137 briefly. (JLK)
1554		Nice, FRANCE was noted 11/29 from 0130. As good as Monaco-1466. Best
		level this season. (JLK) Heard 11/29 at 0105. Fine signals. (JC)
1586		Oldenburg WEST CERMANY was lessed 11/20 at 0100. Fine signals, (JC)
7,00	(i Sa) Alfaría:	Oldenburg, WEST GERMANY was logged 11/29 at 0130 at very good level
1501	0000	with a female announcer in German. Good music. (JLK)
1594	????	Several stations were noted on this frequency at fair level but nothing
	and the process of the first of the	was dominant on 11/29 at 0132. (JLK)
		of space, so credits will be printed next week **