

DX News

OFFICIAL PUBLICATION OF THE NATIONAL RADIO CLUB P. O. BOX 99 CAMBRIDGE MASS 02129

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headquarters page

john callarman

DX CALENDAR ...

	Mon Dec 11	CKAD	1490	250 watts	Middleton, Nova Scotia	0100-on EST	NNRC .
	Koyal	KOA	850	50000	Denver, Colorado	02 01- 0 ¹ 4 3 0	IRCA
	KOYN	WBCC	740	250	Baraboo, Wisconsin	0230-0330	NRC - Ross Hansel
nuc.	300 EST	KALG	1230	250	Alamogordon, New Mexico	0300-0500	IRCA
Z47 -	300	KRBC	1470	5000	Abilene, Texas	0300~0400	IR CA
	Tue Dec 12	WINR	680	25 0	Binghamton, New York	0115-0245	NNRC
	Sat Dec 16	WERV	900	1000	Beenville, New York	0030-on	NRC - Ken Lyon
	Mon Dec 18	WOSM	740	1000/5000	Huntington, New York	0300-0330	NHC
		WYND	1280	1000	Sarasota, Florida	0300-0330	NR C
		CJRW	1240	250	Summerside, P.E.I.	03 00-0400	IRCA
		CHER	950	10000	Sydney, Neva Scotia	0330-0400	NNRC
	Fri Dec 22	KOVE	1330	5000	Lander, Wyoming	0400-0500	TRCA
	Mon Dec 25	4VEC	890	1000	Cap-Haitien, Haiti	0100-en	NNRC
	Mon Jan 8	WKMK	1000	1000	Blountstown, Florida	0100-0130	nnr c
		WCOH	1370	5000	Grayson, Kentucky	0100-0200	IRCA
		WRKD	1450	250	Rockland, Maine	0130-0300	NNR C
		exem	620	10000	Grand Falls, Newfoundland	0330-0400	IRCA
		VOOM	590	10000 '	Saint John's, Newfoundland	0330-0400	IRCA
		CHCM	560	1000	Marystown, Newfoundland	0330-0400	IRCA
	Mon Jan 15	WCMC	1230	250	Wildwood, New Jersey	0100-on	NNRC
	Mon Jan 22	WILI	1 ¹ 400	250	Willimantic, Connecticut	ez30- 0300	NNRC
	Thr Feb 8	WTSN	1270	5000	Dover, New Hampshire	0200-0300	NNRC

CKAD, will test with band music and complete identifications. Reports should go to Tavid H. Morrison, Engineer-ing Director, Evangeline Broadcasting Co., Ltd., Radio Center, Kentville, Nova Soctia.

KOA, this 50,000-watter in the birthplace of the IRCA will put on a seecial test program. No specific details are available

WBOC. a flue, four mouth old station, which appears very friendly indeed, informs club headquarters they will be making an equipment test during the above hours. General Manager Burt Murphy, a friend of Len Kruse's from Dubique, says "We will be making a frequency run, using some test tone for linearity and distortion measurement as music, and ID's. Mr. Murphy listswBOC's December sked as 030-1730, and January from 0830-1745. Report about go to Mr. Murphy at WBOO, Bareboo National Fank Building. Baraboo, Wisconsin 53913. (Ross Hausch)

KALG, should provide a real challenge for DX'ers on its IRCA test program on a very crowded channel. Graveyard thankel DX'es provide a real test for a DX'ers skill. No information available on station personell, address, or arranger.

KRBC, is one of the most popular stations in West Tex ns. An unknown IRCA er arranged the test broadcast, and again, no further info has been transmitted to NRC headquarters.

WINR, will have a truly special special test. It'll be produced by a group of explorer scouts with music and many ID's. Reports go to Cinc Ricciardelli, Tech. Director, WINR, 70 Henry Street, Binghamben.

WERV, a fine New York station, informs Kenneth Lyon it will test on this date ... a frequency check with tones. Information on their November 17 test, regrottably, did not come to NRC HQ in time for pre-publication. Reports go to the Chief Engineer.

contest #1	(COMTEST #2			CONTEST #3		
1. Marc DeLorenzo, Mass.	174	1. Joe Fela, N.J.		72	l. Don Kaskey	Glif.	22
2. Don Kaskèy, Calif.	168	2. Don Kaskey, Cal	if.	51	2. Marc DeLore		20
3. Bill Nittler, Colo.	147	3. Frank Wheeler, P		50	3. Frank Wheel	•	17
have Carlson, Mc.	145	4. Sheldon Remingt		28	Dave Carls	-	17
Joe Fela, N.J.	130	5. Marc DeLorenzo,	•	26	5. Dave Prath	•	13
	-	6. John Tudenham,		0.		mington, Conn.	12
6. Frank Wheeler, Pa.	101			0	7. Joe Fela,		5
7. Dave Prather, Calif.	83 50	2011 - 10110011,	_		8. John Long,		Ó
8. Sheldon Remington, Colo.	50 5-	Gene Mattocks		.0			0
9. R.L. Coday, Calif.	35	John Callarman	-	0 0	John Tudeni Don Ericks	-	0
10. John Long, Conn.	0	R.L. Coday, Cal	rii i	U		cks, Calif.	0
John Tudenham, Ckla.	٠0						Ö
Clarence Freeman, Calif.	0				John Calla	rman esse	•
Don Erickson, Calif.	0						
Gene Mattocks, Calif.	0					•	
John Callerman, Mass.	0						
Mike Tannery, Tex.	0		*******	om Ve	•		
CONTEST #4	-		CONTE		7	10	
1. Jerry Conrad		49			eeler, Pa.	10	
2. John Gifford	•	1171			e, Mich.	8	
3. Don Kaskey,		34			renzo, Mass.	5	
4. Ron Ponke, 1		26		oe Fela	=	3	
Marc DeLore		• 26			ey, Calif.	3	
S. Joe Fela, N.		214	5• J	ohn Lon	g, Conn.	0	
7. Jim Neff, N.		21	D	on Erich	kson, Calif.	0	
8. Dave Carlson	•	9	D	ave Car	lson, Mo.	0	
9. Frank Wheel	-	7	J	ohn Call	larman, Mass.	0	
10. Sheldon Rem		Conn. 3					
II. John Long,		0	CONTEST M	MANAGER:			
John Tudenha	am, Okla.	0	Donald K.	Kaskey			
Clarence Fr	eeman, Ca	lif. 0	Hotel E l	Rancho			
Don Erickso	n, Calif.	0	P.O. Box	235			
Gene Mattoc	ks, Calif	• 0	West Sacr	amento,	Calif.		
John Callar	man, Mass	• 0					
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DEADLINE EXTENSION							
Contest entry deadline has be	en extend	led to December 20t	h. Rules e	re cont	ained in Issue #	2, this volume	•
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AR LIMITATION							
member, Rule #4 (50000 watt	limitati	on) does NOT apply	to Contest	#3. A	ny 50 kw station	in a state ca	pitol is
igibie. Also, some contestants inContest #1 seem to be everlooking some 50 kw stations that are beyond the							
1000 mile limitatione							
P.O.C. CHANGES FROM BROADCASTING							
MEW STATION:			CALL LETT	ER RECU	EST		
810 1000-D Del Rio, Texas Green Valley Radio				???? KIRL St. Charles, Mo. Michael S. Rice			
				(I have no record of grant perhaps a replacement			
1390 WMCT Mountain City, Tenn. Johnson City Ecg Co. for the demised KADY-1470?) or FM?)							
An initial decision has been issued to enable KCXI-1550, Arvada, Colo., to operate at night with the same							
daytime power. Initial decision becomes final unless it is appealed by any of the parties, or unless commission							
reviews matter on own motion.							
NOTE: Prattville Radio	Inc. Pre	ttville. Ale see	ks amendmer	nt to CP	for new AM to	hange officers	. direc-

NOTE: Prattville Radio Inc., Prattville, Ala., seeks amendment to CP for new AM to change officers, directors, stockholders and stockholdings ... Suggest reinstatement of CP on 1330, thus!

U.S. Court of appeals has ordered FCC to accept an application forNatick Broadcast Associates, Inc. for 1060. Because of technicalities, the bid, in competition with the bid, subsequently granted, for WCTR, was not accepted for filing. Now, with WCTR construction already under way, the FCC must conduct a hearing on the competing applications.

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

Wayne Plunkett - 124 John Street - Weston, Ontario Jim Warner & I had a real interesting get-together w/Gray Scringeour at his town house on Sat. 11/11 - we enjoyed the gab on So. Cal. DX & choice DX catches on tape. Recent DX: 10/1- ZBM-1235 starting "The World Tomorrow" @ 7pm. 10/2- WCNW-1280 s/off 11:02pm & WGBR-1150 c/off 11:09pm 10/1; KDDA-1566 TEST 1&C for log; CKEY off again w/ WPLO-590 alone & SS completely dominating 580 & 600. 10/16- CJRS-1510 w/commercial for Ky. Fried Chicken @ 1:05am; WAAB-1440 logged off/on 1:12-1:26 - fairly weak, & much slop from CKFH-1430; another try for verie from CKWW-580 logged @ 3am s/on for solid ten minutes. 10/30- CKPC-1380 of course easy on DX- report sent as I never bothered to verify before. WTVR-1380 AN HI slight QRM. DXes in Oct. from KSRC-1290 KNEI-1140 WVAR-600 WNPT-1280 KARI-550 KNOE-540 didn't make it. YSF-840 was there but too weak to overcome bad QRN that QM. 11/6- WFRA-1450 surprisingly loggable about 80-90% of time on DX - good show! WDAK-540 AN RS; WAGL-1560 easy log - switch to 500w not too significant on clear channel - also ran TEST back in 12/63; WHK-1420 DJ (ex-DXer of sorts) taking calls from out of Ohio much of this MM; WIBW-580 s/off 3:02 w/SSB to return @ 6am FST, CBC-950 for first time in a while; WTAR-790 formally noted w/AN HI; fourth try for verie from CJNR2730 on their DX mixed w/CKAC, several good IDs & rr. Who was SS that had taken over 950 by 3:45? During CBL hull @ 4an, Cuben-740 clearly aidible for surprise. Who had c/w before 4am & TT after then on 1380? Nothing heard from WMAY-970 or CFOX-1470 on 11/5 or KENN-1390 KTHT-790 or XXXX WKTJ-1380 on 11/6. 11/13- WTIV-1230 DX logged in spots w/considerable difficulty (not comparable at all w/WFRA-1450); noted weak SS u/WNDR @ 3:33- amybody ID this one? KNDK-1080 TEST welcome new one, real tough, w/IDs every five minutes from 4-4:15 u/WTIC. Unheard this MM were KWYR-1260 CKKW-1320 (cculdn't find u/WIIS) KAPS-1470 CHLO-680 (due to CHFI) CJIC-1050 (due to CHUM) CJWA-1240 (WKDA AN well on top). 11/14-At long last I listened at the right time to catch WBUD-1260 r/c 12:15-12:20 - needed for Trenton verie as another state capitol. Both WTTM & WBUD heard years ago when I wasn't verifying. Anyhody know when Paul Lotsof, IRCAer has his WMMJ-1300 program & u/what name? Thanks to Glenn Hauser for nice plug on my Auroral TV DX efforts on his segment of R. Nederlands DX Mukebox show 11/16. As Dave Whatnough mentioned CHIQ-1280 switched to CHAM 11/3 when official takeover by Rogers Bg. (CHIT-180) became effrctive. Call change noted 11/11, WICU-1330 is now WRIE. CHCO-1390 is close to RS even if not on DX on 11/20.

Jim Aker - 6828 Westcott Road - Falls Church, Virginia - 22042
Hi gang: I haven't Mused for a spell so I'll fill you in on the "happenings" here.
On 11/6 Bill Cheathan & I toured locals WEAM& WFAX. We had a nice chat w/a few of
WEAM's engineers. At night, NRCers in England or Eastern Europe might try for WEAM
because they put most their wattage toward that area. Now to the neat of the matter,
DX, hi. 11/4- WKYB-10CO, Hindingway, SC heard s/off @ 5:15pm; WFGW-1010, Black Mcuntain, NC @ 5:20pm. 11/6- WCGC-1270 Belmont, NC, heard w/rr on MM u/a strong SS; WAGL
1560 Lancaster, SC heard TEST @ 3:30am w/good mx & w/excellent signal on MM; WABR1440 Winter Park, Fla. w/c/w on MM @ 4:28am. 11/20- WIBG-990 Philadelphia, heard w/
rr @ 3:15am on MM; WMAK-1300 Nashville, @ 3:30am on MM; WKAT-1360 Miami Beach w/call
in program @ 3:40am on MM; WCTR-1530 Chestertown, Md. heard w/rr @ 3:50am on MM.
UnID, WC??-1450 heard w/rr @ 4:10am on MM 11/20 w/"Scul Mx" type program. (Scunds
like WENZ to me -ERC) UnID-1450 heard testing w/c/w mx @ 4:15am on MM 11/20. Any
ideas? Sent: WHLL-16CO WIW-7CO WRC-980 WABC-770 WMAL-630 WWRL-1600 WABR-1440 WMEX1510 WAGI-1560 WSM-650. Veries: v/l- WWRL WPGC. v/q- WMEX WABC WIW WSM. 73 for now.

Harold S. Williams - 50 Third Avenue - Seymour, Connecticut - 06483
Although the month is not yet over, November has been my most productive month, DXwise, in a long time. Heard since last report: 11/20- WMCL-1060, McLeansboro, III.
long FT/mx 1:34-2:30 & later, S-8, mostly clear. KXIR-1150 North Little Rock, f/c-IT
2:25-2:35 s/off, r/c according to announcement. CJRS-1510 Sherbrooke, Que. in FF 33:30. Pretty sure it was CJRS, though I don't understand FF. Report sent. 11/21WFSP-1560 Kingwood, WVa. ET/mx 1:10-1:30 2db o/S-9. 11/23- CJRN-1600 Niagara Falls,
a real surprise w/c/w topping the frequency @ 20db o/S-9 1-1:35 for a needed call w/
hrdly a trace of WWRL. WBCS was on but I was able to loop then out. I hope that the
listed IRCA Special on 11/27 will be as clear. No veries since 11/2, but I keep hoping. 73 & Happy Holidays just in case I don't get another Musing in.

Bill Raczko - 3015 East Lincolnshire Boulevard - Toledo, Ohio - 43606 RX: Lafacette KT-340 w/Heathkit GD-725 Q-Multiplier. Artema: 80 longwire, 20 high NW/SE. DX: WYNA-1550 ET @ 12:06am on 11/5. 11/6- Tentative RTA-890 @ 1:15am, RTF-1205 @ 1:43, WAGL-1560 TEST @ 2:32am, WKDA-1240 @ 3:18. 11/13- KNDK-1080 TEST @ 4:08am. 11/20- WKBH-1410 @ 1:02-1:07am s/off-SSB w/WING off (also unID EE most of M but no ID, probably CFUN), much-wanted KTWO-1470 @ 2am s/off, no SSB. KIZ-560 @ 2:09-2:10am s/off-SSB; new WMCL-1060 ET 2:45am w/c/w & modulation stopped abruptly @ 2:50. Also heard again later on in the AM. Much-wanted XERB-1090 @ 3:07am (power?) GPN'd "FM on AM" in Radika-658A @ 3:30am but very poor modulation (signal not that hot either, hi), so no report. "Long Beach, Cal." mentioned on 1280k @ 3:58am so KFOX sent tentative report. Surprise packbage, HIJP-1020 (country #35 I believe) w/R. Comercial" & Santo Domingo mentioned @ 4:45am (power?), no report, though. Another surprise @ 4:50 which IDed as WABA in EE s/on & into SS program w/"WAHBAH" men tioned, # P.R., & repoeted. Veries (all v/1) -- WSME-1220 for 12/12/66 TEST on seccnd f/up (secret method) KDDA-1560 TEST KQWB-1550 second try, WMIN-1300 WAXX-1150 WXCL-1350 WMID-1310 KOYN-910 (eight months, no f/up) w/CM. Oh yes, also on 11/20, tentative CHFR-)50 DX @ 4:10am w/Tijuana Brass mx way u/CBC AN. Also that AM possible WCMN-1980 @ 5:05 mentioning Puerto Rico; not even enough for tentative, SS programming. I've noticed that more & more DXers are turning to Foreign DXing. I find it much mored interesting to hear a new Colombian than to hear a new Colifornian, for instance. And there are still many many countries I can hear, but only three more states! While on the subject, I'll update my DX totals: 830/250, states 47/47, provinces 10/9 (Nfld., drat!) countries 35/23. 73 & BOSTON in '68!

Jerry Starr - WHOT Radio - Youngstown, Ohio - 44505 I must admit I got a bit miffed at reading Pandy Seaver's discourse on quality vs/ quantity in relation to DX Specials. It seems a Special is not considred as being "wuality" if it is on a graveyard chamnel. I beg to differ - just because YCU can t hear a Special at YOUR location, that doesn't mean it can't be called wuality! I always thought the "sport" of DXing came from hearing those more difficult receptions, not having it handed to you on a silver platter, so to speak. Just because a Special isn't heard L&C from doast to coast, doesn't make it any less a Special as long az it's not in the station's RS . Perhaps we should initiate anoth r term for these; i.e. Test, Special, (which we have already) & Dedication if it's during a RS. I agree w/Randy that an AN-6 station conducting a Special during its normal silent period should be considered a full-fledged TEST. However, a station listed in the DX Calendar for a time period in which they would be on the air anyway (RS or f/c, etc.) can't be called any more than a Dedication. If nobody from a CPC ever contacted, the station, it would be on the air at that time anyway. It only shows the station is interested in receiving reports, BUT it is NOT a DX TEST or Special. I think this was what JAC was hitting ag in the 11/4 DX NEWS. I also wonder how many of these RS "TESTs" (or whatever you call then) are atranged by accident? To wit: This year I have received no less than THREE letters from IRCA CPC members asking that WHOT go on the air on a MM & (onduct a TEST for the IRCA. None of these letters asked for a dedication, they were written as though WHOT were not on the air on MM. However, a simple check of either club's CX of Frequencies list would show that we are NSP. I think it would be foolish to this this was an isolated incident. If a station receives a request to "test" at a time that turned out to be in its RS, the station will no doubt write back to say "OK" since it requiresno special effort on their part. How can that possibly be called a TEST? Naturally some will say this is a good way to get new members, but how many do you know of who autually came into the Club that way? Probably very few. Getting back to graveyard stations I recently saw the reports from the WFRA-1450 DX & they included excellent "copy" from as far away as Mass. Mich. Wis. etc. DX on these frequencies is very much a possibility & lots of fun too. And at such distances it certainly is quality. Let's tell it like it is guys- If it's not in the station's RS, it's a SPECIAL; if it's during a time when the station would be on the air anyway (RS or f/c) it is a DEDICATION, nothing more. Both have an important place in the DX Calendar. Both Clubs have had good TESTs and "bombs". The TESTs are there for ALL DXers to hear & the term "wuality" is, at best, a relative one depending on your location. KGB would be "quantity" to Randy Seaver, "quality" for Jerry Starr, hi.

AS THEY SAY IN RED LICN, PA., "WGCB." "WATCH the GANG COME to BOSTON." 8/30-9/2-68.

2. 1967

Bill Cheathan - 6900 Westmoreland Road - Falls Church, Virginia - 22042 per mber 2, 1967 - 3. Hi. Received stations here now stand at 491 w/the addition of the following new stations: 11/11- WDSI-1520 5:06pm o/WKBW. 11/12- WCSC-1290 finally heard w/distinct ID for AM & FM @ 8pm u/WEAM, about time I got this one. 11/13- WBPZ-1230 12:10am w/ID u/mess; WEAW-1330 5:18pm; WMIT-1350 5:28pm. 11/14- WOKJ-1550 5:32pm w/scul mx. 11/17- WIIJ-1580 5745 s/off, mentioned 6:15 s/on. Call didn't scund at all like this! (Others have said they slur it badly, Bill, but it IS WLIJ -FRC) For rest of DX, see DXDD. As I predicted in my last Musing the veries are now "verie plentiful" (I decided to get in on the act, hi!) v/1- WDASW/SC, WKYB w/Top 40. They said, Congretulations on the most complete & informative reception report received by this station." It's nice to get a few compliments now & then, hi. Also v/q- WAVE WMMN w/ CM & explanatory noted (they finally ansswered me when I sent a f/up to my third report). The CE said he usually gets around to answering reception reports this time of year so it might be a good idea to send 'en one now. WTOP p/c type v/q & a v/q

from CJRS (card looked very similar to CJMS). Sorry ERC, but the day after I got the 11/4 issue we spent quite a few dimes at the Holiday Inn in Frederick, Md. I picked.

up a little complaint card & filled it out & sent it in (one of those cards on their service). Maybe I should have complained about the HI AN programs, hi. That's it for this time so 73, good DX etc. CUN 7.

Bruce Reynolds - Route 2 - Warrensburg, Missouri - 64093
A vacation at last. How sweet it is! This week I pulled ou annual MM sleep session. I did wake up @ 5am, in time to get a few leftovers: MM 11/20- WMRN-1490 on top of the mess @ 5:30am s/on. WYXI-1390 s/on @ 6am through WTJS/WEAM. Other DX: 11/19-KFPW-1230 testing w/TT @ 1:26am, WHFB-1060 a real surprise at 9:58am, QRMed by KFIL & KIMO! (KIMO 611 miles away, WHFB 440, & KFIL 334 miles, all in borad daylight), KXIC -800 through WDUX/CKIW @ 4:30-m, & WHCS c/w from WDUX 5/30pm s/off to 5:45pm s/off. 11/20 afternoon DX was real good. WOC was coming in on 1420 about 3:30pm w/WIMS u/ them at times, & over them for a couple of minutes @ 3:42pm. WHK on top, 3:55. WITZ -990 was in @ 5:37pm rr, KEYD-1220 s/off @ 6pm, KOFO looped, & CKSB-FF clear @ 6:55pm loud, CHUM looped out. XEG not heard atall until 7pm when EE program began. I believe they s/on @ 7pm that evening, although they were heard w/SS rr, a ccuple of reeks back, before 7pm. Veries: Only two, v/1s from KBIR & KBHM. Totals: 1,107/487. Re Randy Seaver's Musing of 11/18, I hope that perhaps next year the NRC will have a

Domestic Contest based on veries instead of loggings. 73s & good DX.

Len Kruse - 1675 Glen Oak Street - Dubugue, Iowa - 52001
The latest loggings at this den included Station KNDK-1080 Langdon, ND, w/a TEST program on 11/13 from 4-4:30am, w/heavy ORM from ANer KRLD. Then on 11/9 Statdon KTGR-1580 Columbia, Mo. was logged w/its final flew minutes of its-RS from 5:55-6pm, topping the frequency. The brand new WMCL-1060, in McLeansboro, Ill, a 250w. daytimer, as logged w/ETs on 11/20 from 3:20-4:20am, w/some interference from a test of WNOE. hen on 11/21 Station KZOT-1460, Marianna, Ark. was logged w/a f/c from 2:15-2:30am, sing TT, also w/slight QRM from ANers on the frequency. The latest v/ls added to mu ollection included these: KNAB, Burlington, Col., KNLV, Ord, Neb.; & WBCO, Baraboo, is. Incidentally, mark this one on your DX Calendar, Station WBCO-740, in Baraboo, is. will be TESTing on the morning of MM 12/11. Watch DX NEWS for the particulars. hanks to MRC member Ross Hansch of Madison, Wis. for arranging a TEST for the DXers rom this four-month-old 250w. daytimer.

Ronald J. Ponke - 8079 Dale - Centerline, Michigan - 48015 i DXers: Some DXing done, so here it is: 11/10- CHYM-1490 heard @ 1:15am, WGEE-590 @ 5:40pm w/WAKR nulled. 11/13- KRMG @ 6:07pm w/a fair signal. 11/17- WZOK-1320 12:03am prior to s/off. WCPC-940 @ 5:260 for a good 20 minute report. 11/23-WL heard @ 11:58pm prior to s/off, WOIF-1490 heard @ 2:09am, WVON-1450 heard @ :25em, & YNIU-965 heard @ 10:280m. If WFRA-1450 veries, will it count five points oward Contest? Veries: WKBW v/q, & v/ls, WWBZ WPEO KRMG. Report card came, & I idn't do as bad as I thought I would, hi!

Richard Nall - 606 North Hite Avenue - Louisville, Kentucky - 40206 i everyone, & thanks to all who welcomed me to this fine Club. I'll start off by entioning my latest veries: WCPC v/q, WCAW v/l (result of f/up) WCCA v/pp (f/up), NOE v/1, WKY by v/q & pp, WLAP by v/1 & CM (f/up), & WDXR by v/pp (f/up). My DX otals are now 194/169 for 87%. Does any Cuban station verify usually? Does XERF or WA verify? I'll stop here & say good DX & 73. (WELCOME TO THE NRC & MUSINGS, RICH)

Robert H. Hostettler - 417 Irving Street - Lake City, Minnesota - 55041

Greetings! Veries since last Muse are: v/1- KWVY KXOL KDDA. v/f- WRFD CKKW. v/q-KTOK WJW. v/c- JBC-750. Totals are now about 660/185, 42/38, 8/5, & 15/5. A portion of the several tons of DX lately: 11/13- WTIV-1230 w/DX @ 2:44, along w/a WQUA ET of some sort; CKKW-1320 @\$:06, w/IRCA DX, very messed up; KNDK-1080 @ 4:08 w/ TEST, WROC-1290 @ 5:20. 11/15- WVOK-690 @ 7:48, fading u/WCYB @ 7:54. 11/16- XETRA-690 @ 7:45am. 11/19- KCTA-1030 noted @ 1:50 w/ET/mx, w/WBZ; KXOK-630 was topping KDWB @ 5:25pm in Towhester, Minn.; CKPT-1420 @ 3:28am; KCNO-860 @ S-9 plus 20 signal @ 2:36am. 11/20- KHEN-1230 @ 2:18:10-2:28:30 w/r/c, real good signal; CJBQ-800 @ 3:17 w/IRCA DX; o other Specials were heard that morn. WCHM-680 @ 4:52 w/jingle; & shortly before that, an unID SS @ 4:35, looping in N/S. WPIB-1380 @ 5:05. 11/20-Possible KRSP-1060 @ 7:03pm w/NX, KYW looped, but soon faded cut: 11/21- WIDG-940 @ 9:06am o/KIOA. 11/23- WNAD-640 @ 6:15pm till 6:30 s/off. 11/24- KSTL-690 @ 7:45am s/on, much WVOK QRM; KVOO-1170 @ 8:35am; KNIM-1580 noted in the clear @ 10:30am w/ID; surprising for 250w. & so far away; KOIL-1290 still very strong @ 10:40 w/little QRM from WCOW; WEW-770 @ 5:32pm. I have noted lately that sky-wave CX can be found throughout almost the entire day. WBZ-0030 has been noted w/a fairly good signal

before 3pm local time along w/others. 73 & good DX.

Frank Merrill Jr. - 1790 Jewell Road - Milan, Michigan - 48160
Hawrsh, it's been a long time since I've Mised. Heck, to think that I'm barely sipporting the Club more than those 300-odd non-Muser members, hi. Due to/moving, backlogged correspondence, etc., I got off to a very slow start this DX season, but now I've picked up o/20 new ones this year. New catches this season (since last Muse) are as follows: 9/17- WCRK-1150 Term. s/on 5:25am FST for my September catch. 10/29- WHEC-1460 NY, WIXN-1460 Ill, WDRC-1360 Conn. & WCED-1420 Pa. for SSS catches, then CJSO-1320 in the evening @ 8:15. 11/4- WFIL-560 Pa. finally heard, 1:45am. 11/5- WADA-1390 NC noted w/ET/OC @ 2:03 & 2:14am; WJUN-1220 Pa. SSS s/off 4:45. 11/ 19- WRIB-1220 RI SSS 4:25, WAVA-780 Va. 5pm completing all domestics on 780 for me. 11/20- WWKY-1480 Ky. finally. w/f/c-TT 12:15-12:30, CJRS-1510 Que. 1:05, KWBB-1410 1:05\frac{1}{2}, WMCL-1060 McLeansboro, Ill. ET/mx ("Ernie mx" - c/w, hi), 1:35 & 1:57 plus. CMJM-580 (correct?) noted 2:05 after CKWW s/off, // to 590, etc. WICK-1400 Pa. 2:12 w/HI; WRID-1490 Ala. 3-3:23 ET/mx to return 6:30 EST & WIST-1240 NC 3:30. 11/22-WQTW-1570 Pa. SSS s/off 4:59 on GE clock radio at school. 11/23- WROC-1280 NY s/on 5:30 (thanks to Ralphie) supposedly w/5,000w, WGET-1320 Pa. 6:05, & WCIR-1060 WVa 6:18 (this is the first 440-watter in my books, natch, hi!). Also, I noted WQTE-560 fairly easy @ 6am s/on w/all of 34w., but I was unable to hear WYNZ-1520's 12.8w.m hi. No veries here since WORK-1350 on 8/1, but I have sent repoets to WDRC BBC-881 Wales, & WMCL to hopefully brdak the drougth. I now have a new antenna at this new QTH, which is a 125' longwire strecthed out toward the NW. Unfortunately, its main pickup comes from the SE (i.e., Washington D.C. etc.) w/a severe null to the NW! It doesn't help me too much in trying for Alaska, or even new Californians, hi. I hope to buy some more wire, & strong up two more antennas: toward the WSW for Europe, & toward the ESE or SE for ALASKA & Asia, hi. Flash: At SSS 11/24- WIYN-1360, WKDE 1000 & WKYB-1000. Current SC total 1,456. Best DX to all, & 73. (I believe that w/a longwire w/lead-in off an end, it is directional towards the lead-in end -ERC)

Frank Wheeler - 6589 Wattsburg Road - Erie, Pennsylvania - 16509
Quite a While Since I've reported to Musings, but I don't know what to send seeing that I send most of my information to Kane's column, s/cff, etc. Here's a few for your column. 10/24- WBTC-1540 6:30pm new. 11/13- WANB-1580 4:30pm, new. 11/14-WOHP-1480 7am new, & WGAF-910 7:15am, both new. 11/16- CKCY-920 7:15am new. All these daytime DX, other DX elsewhere in the bulletin in the columns where they are supposed to be. Have a nide Thanksgiving. Totals now 2,543 received w/1,560 veries.

Morris Sorensen - Huntington College Residence - Laurentian Univ. - Sudbury, Ont. As expected my schoolwork at Laurentian U. has sharply curtailed my EXing. I have managed to log a few cm the odd weekencs that I've been ablt to get home to Emsdale but I'll save those for my next report. At Sudbury, using various small portables I've managed to log the following: Sudbury locals & 50kw. cheers omitted: 9/11- CKOC- 1150 7:13pm. WKNR-1310 10:01pm, CFGM-1310 10:03. 9/20- CFCH-600 12:19pm. 9/23-WSIR=1350 9:15pm, WGR-550 9:26, WIVN-610-9:30-m. 20/20- CKCY-920 12:04am. 10/21-CJRN-1600 12:18am, CKTB-610, 12:25, WJBK-1500 5:05-m, CFRA-580 5:16pm. 11/11- WJAC-850 11pm, WAKR-1590 11:31pm. 11/23- CHML-900 1:35am. None of these was needed in Emsdale. Sudbury totals are now a spectacular 44/0. DX from a college residence is

DX NEWS-December 2, 1967

Allen L. Missen - 336 Hillcrest Avenue - Westwood, New Jersey - 07675
Hi gang: By the time this is printed, I should be back home again at the above address. I've been in Fort Knox, Ky. since July, & leave here on Sat. 11/18. New Jersey will sure be a welcome sight again. Uncle Sam says I go to Viet Nam next month, so I hope to see many of you at ERC's gathering later this month. Some quick notes on Louisville area stations: 1- WINN-1240 is now c/w 24 hours a day & no longer a CBS station. 2- WTMI-620 is a daytime c/w & religious mx station. 3- WFIA-900 is a daytimer w/religious programming only. 4-WLOU-1350 is a daytimer w/Negro oriented programming. 5-WSAC-1470 (Box 60, Fort Knox, Ky. 40121) is a daytimer, rr w/NX @ five minutes before each hour. Their studios & XR are in Radcliff, Ky. right cutside of Fort Knox. 6- WAVE-970 broadcasts Louisville Colonels (ABA) BKB games. I hope this info hekps some of you. 73s - C U soon. (Postmarked 11/25, Alden - & the very best of luck to you. Now, read below, Allen # -- your new "boss" perchance?)

Captain T. V. Arko - 05226888 - 805th Trans. Co. (Lt Trk) - APO, San Fran. 96291 Tom Arko is alive and well in Scuth Viet Nam. Yes, I'm back here again. This time I ducked out & got stationed at a seaside resort area called Vung Tau. I just thought I'd drop a line to let those of my comrades who were wondering what had happened to me know where I am. I will be renewing my membership at th3 end of December to start my tenth year in the NRC. I had all my plans set for Eugene last July but Sam had other ideas for me. I was formerly stationed at Fort Lewis, Wash. which was only a short hop from Eugene. Let's hear from Schatz, Gleason, & anyone else who cares to write. 73. (Good luck to you too, Tom, & take care of Allen, abofe - hi -ERC)

Len & Don Boselovic- 620 Butler Street - Pittsburgh, Pennsylvania - 15223 Since our last Muse (mamy moons ago) we have heard the following stations: 11/6- KOA-850 @ 1:35an; WFRA-1450 TEST @ 2:092am; WAGL-1560 TEST @ 2:31; WABB-1480 @ 1:592am; WBAX-1240 @ 3:31; WPNX-1460 testing @ 3:44am. CFNB-550 @ 4:30am w/interference from the Bearded One; WDXN-540 @ 5:44pm s/off; WENO-1430 @ 5:592pm. 11/13- WSAV-630 @ 5:20pm. 11/14- WSJC-810 @ 5:58pm. 11/17- KSD-/950 @ 5:45pm; KOAM-860 @ 5:58ppm. Other loggings: 11/22- KCHA-1580 @ 5:47pm s/off & 11/22, CJKL-560 @ 6 03pm. Also logged CHIR on 11/20 @6:05pm. Recent veries include: KXCK WQXI CBL WHEB & WCPC; all v/q. V/ls are WMIN KNOE & KRMG. Presnt totals here stand at 3/18/156 w/5/4 provinces, 7/5 countries & 31 states verified. That's all from here & we hope everybody had a food-filled & thankful Thanksgiving. 73s.

<u> Stevart Drake - 2108 South Simpson Street - Philadelphia. Pennsylvania - </u> It's been a few weeks since I sent in a Musing, so I'd better get at it, hi. On 11/6 @ 1:35am I had what apparently was HON-1501, though no IDs were noted. I did not log it at that time. At 2:02am a very small ween'te of WFRA-1450 Pa. was heard. At 3:35 am CBAQ-1530 NB was in at S-9 level equal to & // CBE. A 'No doubt was us' sort of v/l received. The engineer said CBA will not move until late next Fall. 11/13- WTIV 1230 barely made it here @ 2:40am. On 11/20 WMCL-1060 battled through the Cuban on an ET @ 2:20am. Then at 3:10 I heard HCN-1501 again & took copy. 11/22- I had a tester on 1270 @ 2:05am. This is when WISM Miss. was reported as test-time. Report sent. At 2:20am I got WFBF-1570 Fla. testing w/DT till 2:30. 11/23- I saw a tester pn 1430 when BUG SC has been reported testing 1:36am. 11/24- I had still another questionable one on 1240 when WPRN Ala. has been reported as testing. This was at 2:31am. This morning 11/25 I heard WYNA-1550 u/CBE testing @ 12:05 to past 12:17am. w/IDs every minute. Then down the dial & I nailed the 1394 Tirana, Albania station coming in very good: Female annoucer in Slavic language. This was @ 12:35-12:55 fade. At 1:20 an S-8 TT on 1400 but drat, no IDs to say who? Turkey Day wasn't the happiest here what w/our 20-year-old son in Viet Nam, & my mother in the hospital w/a broken hip. But we howpe for the best for both. Oh yes, logggings now 2,367/2,224. Good DX to all & 73. (We'll echo your best wishes for your Mother & Son, too -ERC)

Stephen J. McIntire - Hall Hall 302A - RPI - Troy, New York - 12181 Hi all. Fist Muse in ages, so a reintroduction is in order. I'm 10 & a Freshman here at RPI. I've DXed the last two seasons in Des Moines, Ia. where we best verified catches were Dakar-764 & KFQD-750. Hre, my RX is a mere Lafayette Criterion I, & my catches were Dakar-704 & REQD-700. He, my ha is a more barayeded direction, and time for DX has been quite limited. All my DX so far has been during Thansgiving recess since I've been stuck up here. Nothing really great so far, mainly clears. I've been amazed that WHC-1040 mu home town station, has a fairly good signal here. & WHN-1050 hasn't made a peep yet! Only catch worth mentioning was 11/24, WIIK-1270 made it in for 5:32pm s/off. Sorry I couldn't make it down for get-together, ERC but I just couldn't afford it! Totals aren't even worth mentioning yet. Hopefully, they will take a big jump MM 11/27. See ya in OMAHA this New Years! 73s to everyone in the NRC.

DX NEWS December 2, 1967

Chris Lucas - Box 411 - R.P.I. - E. Dorms - Troy, New York - 12181

I spent the last few days home in Fairfield, Conn. during the Thanksgiving recess from school. Several new loggings: 11/22- WLMS-1000 Leominister, Mass. brand new station taking over another clear daytime channel was logged @ 1:35pm. WHIL-1600, Wheeling, WVa. o/u CJRN, o/WWRL @ 5pm. 11/24- WUST-1120 Bethesda, Md. @ 4:52pm u/ WWOL - I never really tried for them before. Them a fantastic three loggings on 1000 within a three minute period: WKYB 5:11pm Heningway, SC s/off, WKDE-1000 Altavista, Va. @ 5:13 s/off, & @SPF-Hickory, NC @ 5:14 s/off. There was WCFL QRM on all three. I reported all, but WKYB was tough w/QRM from WCFL/WKDE/WSPF. 11/25, I tuned to 1000 again, & found WKYB all alone w/a weak het. I wish I had waited a day before reporting them, hi. Them I proceeded to note rather unusual CX as the following stations were added to my log. WDBF-1420 Delray Beach, Fla. alone @ 5:21pm, CHOO-1390 Ajex, Ont. @ 5:35pm o/WCSC, no WFBL which usually dominates, then a great catch, MPBC -1510 Port Sulphur, La. @ 5:44pm o/u WRAN, way o/WMEX, & no trace of WLAC or WNIC. Inlso noted Georgia FB Network stations on 1420 & 1370 shortly after 6pm. Anyone www. who? SM 11/26- WISZ-1590 Glen Burnie, Md. @ 5:15an u/WAKR w/c/w. Total Conn. log now at 1,140 heard, states 48/48, provinces 9/9. Alaska, Hawaii, British Columbia, where are you? How many of you note a low frequency hetrodyne on 1420k during the day in the Southern New England area? It's been there ever since I started DXing, & I think it's WIIS that is off frequency, but I'm not sure. Het is somewhere between 15 & 30 cycles I'd say. DX MM 11/27 1 Troy: CJOY-1460 Special @ 3:48am, WKRC-550 Cincinnati, @ 4am o/u CFNB/WGR. That's all. 73.

Joe Fela - 167 Goodwin Avenue - Newark, New Jersey - 07112 Recent veries are v/is from WOAF-1080 WDCR-1340 CKIB-1350 & WIQX-1570; v/fs from MDDA-1560 & WIIV-1230 TESTs, s v/q from WAPI-1070, & a card from CHIR-730. Recent DX: 11/8-7:14pm, KHUF-1580, s/off was at 7:29. Too weak to get enough for a report. 11/11- 1:02em s/off WDCR-1340; 1:40 1350 was only WSLR/CKLB - is WEZY off AN? 2:01, CKPT-1420 on top; 2:17 CHIR-730 enough for report. 11/13- 2:33an, WTIV-1230 DX w/ surprisingly little QRM thanks to loop; 2:56 strong ET/mx on 1590 but no IDs; 3:07 CJRN-1600 DX through WWRL at times although no definite IDs heard. On other mornings they have given 'WRL a real battle though on their AN sked; 3:15 WMAK-1300 o/ WERE. 11/14- 5:45pm s/off WTQX-1570. 11/19- No trace of WMOR-1330 TEST here - I guess they weren't on. 11/20- None of the Specials made it. 3:54am, WIRL-1290 all by itself; 3:59 CBR-1010 u/CFRB; 4:13 SS on 1480, WMDD? 11/21, unusual SSS - 4:25pm,W MITM-980 on top; 4:30 WDEV-550 strong but pattern change occurred at this time and they completely disappeared; 4:32 WCDJ-1260 on top; 4:44 WFTC-960; 5:01 WFNC-940 tling QBM; 5:16 WFHG-980, first time heard on RS; 5:28 KFVS-960, another which has never been heard on RS before; 5:43 s/off WMTS-810; 5:45 KFUO-850 good for a 106, Gpm, KFEQ-000, Only WMM being WRKO. I helieve KFEQ changed patterns at this time as they disappeared right after the ID. 11/22- 12:33am, WLIH-1400 on top; 1:00 s/off WMEG-920; 1:07 CHSJ-1150 on AN; 1:33 WFLI-1070 ET/mx. WHN off this AM but on w/OC. 11/24- WHN-1050 on OC & completely off at times again. 1:15, I finally heard the CBC on 730- mixing in w/CKAC/CHIR. Who is it? 1:28, CJCB-1270 strong on AN. enjoyed seeing everyone at Ernie's get-together on 11/25. 73.

Lon J. Berman - 1511 Dieman Lane - East Meadow, New York - 11554 Greetings. First of all, I want to say that I really had a grand time at the Brooklyn gathering. It was really great meeting many of the NRC members whose names I have been seeing in these pages. Thanks for a fine time, ERC! Down to DX. CX have really started to get hot, & would you believe I'm actually getting some Western stuff? 11/22- WEBO-810 Pa. briefly o/WGY @ 4:40pm; WBUC-1460 WVa. s/off 5pm; KTUF-1580 Ariz. (ex-KYND) fine skgnal w/c/w @ 7:20pm. 11/23- WJWS-1370 Va. 5pm s/off; WCTW-1550 Ind. 8pm; WCVL-1550 Ind. 8:30. The latter two were heard all evening way u/CBE, both 250w. Up at 4:30am SM 11/26. That CBC station was atop 950, CKNB, I believe. A station was heard w/middle-of-the-road mx on 730 in EE - who is this? Am SS s/on on 970k @ 5:05am, announcing "novecientos setenta kilockclos." They gave ID es "Le Voz de ---, en la Repubbica ----." WWSW prevented positive ID. Any ideas? It is probably nothing spectacular, but my meager knowledge of foreign DX prevents me from being sure, hi. Four veries this weel. v/l & CM from WVSC-990 & WFMC-730. v/c & CM from CHIR-730. I was quite surprised to find that they are only 250w. Also a v/pp from WPDX-750. 73s from THE wonderful country. CUN7. AS THEY SAY IN VIVIAN, LA., "KNCB." "KNCWLEDGABLE NRCERS CONVENE in BOSTON." 8/30-9/2 December 2, 1967 _D_X__N_E_W_S_

Roger W. Winsor - 739 North Juniper Drive - Valparaiso, Indiana - 46383

Ill y'all. DX has really taken a downswing thanks to Bethlehem and their shift work, HE I worked midnights the last week. I did manage to sneak out to the car though a couple of times. DX as it is by dateline: 11/13-MM- A washout, w/WQUA I&C during WTIV time, so no log, plus WUBE AN. WCOL off? WOKY-920 noted AN. More than likely against WRIT who is off third MM only. SS & rr on 1260 o/WNDR, ID only as R. Capital. XEL? WTOP-1500 I&C on ET 3:31, but not logged. 11/14, SSS excellent w/solid log on WIBB w/rr 5:23-5:45pm s/off. WKYC not present due to Aurora CX. 11/16, more SSS, w/KDRY-1110 Alamo Heights, Tex. w/gospel mx 6:12-6:45pm s/off L&C w/KFAB, WBT XERON trying to get in too. TSC noted also on SSS as LAs were alive that night. 11/18- Finally took a log on often heard KBOA2830 4:49-5pm w/rr mx to MX. New for me. KRVN-1010 Neb. 25kw., but nothing this way, I&V @ 6:14pm s/off. CFRB not present, leaving only KVII. KFLT-970 also I&C w/gospel mx to 6:30 s/off. 11/19-WCAW-680 L&C 5-5:09 w/c/w mx for good listening. KFEQ w/Kansas City Chiefs' biggest trouble. 11/20- Happy Birthday, Roger, & what did I hear at work but new WMCL-1060 McLeansboro, III. ET 4:15-4:31 & beyondd testing w/c/w. 11/25- KGVL-1400 r/c-TF 1:35-1:44:30, fighting w/WDUZ AN. Also TT on 1450 @ 1:50, KGIW? Later that afternoon, SSS great w/KBIZ-1240 Ottumwa, Ia. heard @ 5:30 ID, then CBS Perspective. Also log on KROC-1340 Rochester, Minn. 5:34-5:49. Who says graveyard DX is impossible on SSS? Also log on KSIB-1520 Creston, Ia. o/KOMA to 6pm s/off. Brand new KVRA-1570 logged w/local NX 5:57-6pm s/off. That switching from one to the other is bad news! Veries, only two, but from hard to hear ones, WIBB & KDRI. Love those clear channel daytimers! Thunkauxmxxxx Nice phone chat w/Ernie, but my wife will chew me up when the bill comes! As I mentioned, fellow DXers, UNITE, for the BEST POSSIBLE DX is now at hand! SSS is at its best this year, & report regularly as I have tried. to, this year. I missed last issue because of Veterans' Day & there sat the envelope until Monday. Ch yes, some more of those IRCA TESTs didn't show. CHCO no go, KWYR too. But then shut up, Roger - what happened to WMOR, an NRC TEST? Only a faint TT hrard, but that was more than likely a het, as I hear ITs on 1330 every night. (Yes Rog, HJAD on about 1329 causes it -ERC)

Dick Northup - 507 Kimball Road - Iowa City, Iowa - 52240
This is to advise that a recent v/l from WBOO in Baraboo, Wis. says they are to run a TEST on MM 12/11 beginning @ 2:30am EST. Length of the TEST & type of programming are not known, but I guess we might expect some TT modulating & recordings. Reports should go to Mr. Bu t N. Murphy, GM, WBOO, Baraboo, Wis. 53913. CBL in Toronto will probably cause some trouble, but w/luck WBOO should get out to a good many of us. As you know I have not been too active the last few seasons, but do maintain an interest in the Club & DX in general, so don't give up as I will send in a Musing one of these days! ERC's fine work as Editor keeps the Club together, & I think John Callarman is doing a fine job also. However I don't care for the new format as well as the old, & some of the printing is too small, but that's minor. I hope this will be a banner season for all.

Ron Hays - Rural Route 3 - Versailles, Kentucky - 40383

Musing time, so here's my effort. DX has been fairly good lately & here are my latest: 11/19- YSF-840 12:23am as I finally took copy on this easy one. 11/20- Dakar-764 w/African chanting, my first TA in long enough for a report. Do they QSL regularly & promptly? (Yes -ERC) CJRN-1660 1:30am very strong. UnID-1500 TT @ 1:37-1:45am fairly strong S 7-8, who? WRDW-1480 1:50am trsting w/mx. 11/23- WXTN-1000 5:14pm in like a local, never so strong before. Also I have noted KTUF-1580 several nights at s/off. No veries this week, rats! Thanks to GPN for FET plans. I hope to gdt mine constructed soon. SCers, I am semi-active. Write & I will reply, I hope. People I owe letters, hang on, they're coming. I'll shut my trap now so 73/s, keep up the good work ERC, & as Jerry C. says: Cincy in '70.

Jeff H. Ross - 125-12 Cronston Avenue - Reckeway Park, New York - 11694 Hi fellos. On 11/25, I had a great time over at Hubert's. It was real nice meeting Ye Pub & the rest of you guys. X DX of late is as follows: 10/14- WKIG-1580 Ga. @ 5:59pm. 10/30- WIVK-850 Tenn. weak @ 5:30pm. 11/18- WPIK-739 Va. dominant @ 4:57pm w/WFMC NC under it. 11/24- WMTS-810 Tenn. @ 5:22pm, & for a real surprise KTUF-1580 Ariz. quite clear @ S-5 @ \$:25pm. Veries: WKIG-pp & v/ls from WPIK & WWOL. That's all for now, & I hope I'll have more to report next time. 73s.

AS THEY SAY IN LIBERAL, KANSAS, "KSCB." "KINDRED SOUIS, COME to BOSTON" & talk INC.

Alen Merriman - Box 6 - Fairfax, Virginia - 22030

Well, it's been about four months since I've been représented in these pages so I guess it's about time for a Musing. First, I would like to take this opportunity to invite anyone who would like to write CPC letters to get in touch w/ne. We can use more volunteers for this important job. The NRC CPC has gotten off to a rather slow start this season, but I hope we can come back in the second half & get some good stations on the air for NRC. So, if you have any apare time that you can give to writing CPC letters, I would like to hear from you. Let's really get moving now & Put the NRC back where it belongs, #1 in arranging DX Programs & TESTs. Also, I would like to ask that when anyone arranges a program that he let me know about it right away so I can get the info to IRCA. It's OK to send the info directly to John Callarman, but also -lease send it to me. Also, if you don't send the info to John; Let me know so I can pass it along to him. As far as DX goes not a whole lot to report but here is what I have heard: 8/5- WEAL-1510 @ 12:40am ET. 9/7- WIGT-1000 @ 6:15pm s/off. WKYB-1000 to 6:30 s/off. 9/12- WWOL-1120 @ 6:30pm. 9/19- WING-1600 @ 12:38am w/PoP. 9/25- WTRI-1520 @ 12:30pm, & WELK-1010 to 6:30 s/off. 10/16- WCOK-1060 @ 12:32am, ET. WAAB-1440 in very well on their DX program. 10/25- WYAL-1280 in well @ 3:59pm w/WSUX operating off frequency. 10/30- WKYR-1270 @ 6:01am. 11/20-CJS9-800 very tough on DX but I did hear opening announcement @ 3:15. CJRS-J510 at 3 48 & a tentaitive resport to CHER-950 @ 4:12, u/a very strong CKNB. Veries have come in from: v/q- WIGT CHIR WRIZ Lisbon-755. v/1- WEAL WKYB WMUC WCOK WTRI Guadeloupe-640 WFRA. v/f- WING. Well, that's about all from this end. 73, and let's tsupport the CPC. (WHAT SAY, BOYS? A REAL CHANCE TO DO SOMETHING BIG FOR N.R.C.: ERC

Bill Cheatham - 6900 Westmoreland Road - Falls Church, Virginia - 22042
I hope everyone had a pleasant Thanksgiving & is getting plenty of DX & veries. Nine new stations since last Muse so here they are: 11/19- WKKR-1540 Pickens, SC, is now on the air, heard @ 5:30pm s/off w/fair signals. MM 11/20- CJBQ-800 heard on NRC TEST, mucho CKIW & WGY QRM & weak signal; WNAB-1450 @ 4:45am w/WOL off. 11/21- WAGL-1560 5:05pm o/u EQXR; WHBC-1480 o/u WBIU @ 5:15pm; WPKY-1580 w/good signals heard @ 5:45 s/off; only 250w! Radio Beacon FZ-524 heard w/good signals @ 11pm, coded IDs. 11/22- CBO-910 10:31pm, fairly clear, for Station #500 received on ECB. I'm now almost positive that my FF on 900 is CKJL but I'll wait for a good ID. Dave Fischer, take note, CE of WBRJ-910 in Marietta, O. is W8UMW, James C. Durham, & CE of WFBL-1390 in Syracuse, NY is W2ZCZ, Richard Wilder. WOOK-1340 is nowon all MM wrecking havoc on the channel, ech. Only one verie here, WELI for TT, a v/q. Total stations verified now stands at 177 & 76.2% returns. Goals: 200 stations verified by end of year, percentage up to 80%, & 550 stations at least by Christmas. C U N 7, best DX.

Ralph Johanns - Buffalo, New York

V/1 & colorful CM by CE of WMNS Olean NY, the r/c is third Friday @ 12:45am. V/1,

WQUA-1230 Moline; Ill. & this is a new type for me, printed/written "The Top-Bottom

Way." v/1, WLIJ-1580 Bill Jones, the E, moonlights at/the AEDC & they test rocket

engines for NASA, the previous E Aaron Womble is at the local WHAL-1400. CE of KSO
1460 v/qs I will write later. V/1, KPC-1380; on 40th anniversary letter, said 20

replies on the Special received. 11/26- WYNA-1550 again v/c 4:23-4:48 & 4VEF-1035-??

Haiti had FF/church 5:20-6:15am, even sang NOEL & close to WCFL-1000 was a strong

hetro & foreign mx & singing during 5:20-5:35am when WCFL NX/talk - Sahara, here we

come. Keep on DXing - you may (?) get some veries. 73 & save \$5 for the new

Broadcasting Yearbook, due 1/68.

Bill Stone

11/26- 1590, 1:51-1:53, TT off/on u/Ohio station, but covering when on full check.

1:53 TT to 1:53:40, OC, 1:57 TT again. 1:58:25, TT on high pitch, tuning rig. Signal dropped 2 kc/s. after 2am, was high prior to this according to other strong signals - not a word said, "L&D ID - Deaf & Dumb, still going, 3:15am. 2:06, 1340, steady TT, stayed on this one till 3:02am, never IDed. #3 on 1570, u/CFOR. CHOO-1390,is on, a 24-hour station. Nuts. (Best of luck, Bill, & welcome back -ERC)

"AN" SITUATION

CNS- 1230 W U B E On MMs; NSP? OFFS- 630 C J E T (s/on 5am, c/w)
1390 C H O O SPU, (off MMs?) 1350 W E Z Y ??
1480 W S A R AN-6, rr 1490 C H Y M MMs at least.
1590 W B R Y AN Sat/, rr (11/25) W O L F

SUNDAY, MAY 12 IS ELECTION DAY IN PANAMA. WATCH FOR STATIONS IN THAT COUNTRY MM 5/13

<u>A</u>		(After hours: Midnight to sunrise DX)
NOT THE OWNER OF THE OWNER.	WETC-NC	Hrd ET on 11/26 at 0247, excellent signal; 250w? (John Long, Waterbury, Conn.) Probabl testing new 5kW. (rk)
570	WSYR-NY	RS s/off:0008 no SSB(11/17), WKBN & WMCA cont'd AN. (Ralph Johanns, Buffalo, N.Y.)
580	CKWW-Ont	S/off 0204 MM 11/20 for "technical adjustments", to return at 0400. 0204 s/off is regular, but I've noted them s/off till 0400, 0500, & 0600 on different occasions. (Frank Merrill, Milan, Michigan)
620 640	WATE-Tenn KFI -Cal	11/8 s/off 0105. (Frank Wheeler, Erie, Pa.) Axr ET, 10 kW, then mx 0435 11/20, only 58%. (Glenn Hauser, Albuquerque, NM)
900 950 960	EWRF-Ark CHML-Ont WLOF-Fla WBRC-Ala WELI-Conn	11/7 test 0152. (Wheeler, Pa) Noted off MM 11/27 at 0105. (Dave Schmidt, Chester, Pa) Noted AN MM 11/27 w/rr. (Schmidt, Pa) 11/7 s/off 0200. (Wheeler, Pa) Noted on at 0030 11/23 w/nx, so evidently past midnight now. (Merrill, Mich)
970	WEBR-NY	test @ 0505 11/21. (Johanns, NY)
980 *1060	WDAY-ND CKRM-Sesk WMCL-III	ll/ll s/off 0200. (Wheeler, Pa) Nx/wx "RM-980" ID; "Midnite to Dawn" AN. (Hauser, NM) McCleansboro, new. Had ET-c/w mx AN MM 11/20, hrd 0135-0449. (Marc DeLorenzo, Hyannis, Mass; Hauser, NM; Merrill, Mich)
1150	KXLR-Ark	R/c-TT hrd $w/2$ IDs every minute 0220-0235 MM 11/20.
	WKPA-Pa	(DeLorenzo, Mass; Merrill, Mich) spl came-in:0135-0200/off, with: CKTR/AN(Que FF)com- pany to 0230:an EE/relig's thing then took over
	CKOC-Ont	0444: a Naysay M/tstr. (All this 11/27- rk) (Ralphie) Had tech/diff'y & used Hy-53 XR to 0200, LOST'em(?off) (Johanns, NY)
1230	WTIV-Pa	11/13 on for NRC recieved poorly, and only 40 miles away. (Wheeler, Pa)
1240	WBIR-Tenn	R/c-TT, DT hrd 0340-0355 MM 11/20. (DeLorenzo, Mass;
	*UnID	Jim Neff, Springville, NY) On MM 11/27 while monitoring 1240, I hrd a station c. 0043 using AST and mentioning Summerside or Somerset, played rr- Beatles, Kinks. Need sked and format of CJRW-Summerside, PEI, such a catch would be almost too much to ask for. (Neff, NY) Don't worry about it, Jim, let's open it up. There's a WSFC in Somerset, Ky, also Selingsgrove, Pa and Sumter, SC, but the AST does n't check. MM sked for CJRW and WSFC are needed- send them to me or to Jim. (randy)
1290	WIRK-Fla	ET 11/10 at 0038 and on. This was 2nd Fri-regular? (Tom Hartloff, Nyack, NY) Don't think so- I hrd them 4/30/67. (rk)
1340 1350	WLDY-Wis WKCU-Miss	R/c on 11/27 w/TT from 0149-0200. (Neff, NY) r/DT/c (3rdFRI)0245-0258(*tuff tru: WSLR/AN&CAN'n.) 11/17 (Johanna. NY)
1410	WMNS-NY WING-Ohio WLET-Ga WCDL-Pa WNPV-Pa	r/c usually 3rd-FRI @OO45(*change yr F/c/list TX (RMJ) Noted off MM 11/20! (Merrill, Mich) r/TT/c(3rd FRI)0139-0154/off(11/17) (Ralphie) R/c on 11/27 w/TT from 0444-0448. (Neff, NY) 10/26 0005 test, ID about every 30 seconds in Phonetics. (Wheeler, Pa)
1480	WBTS-Als	R/c-mx 0316 MM 11/20. (DeLorenzo, Mass) You're excuse

480	WRDW-Ga	Off on MM 11/27. (Schmidt, Pa)
1490	WNKY-Ky WRLD-Ala	Had FC/TT MM 11/20 from 0015-0030. (Merrill, Mich) Had ET/mx MM 11/20 0300-0323. (Merrill)
1520	WKBW-NY	Was OFF/RS at 0000 11/27, & TT/OC etc until 0215, 0305
		RS again. (Johanns, NY: Schmidt, Pa)
	UnID/WTHI?	WHO??cw/songs: 0232-0257 ID(one-only): ?wcis brantford
		mills&OFF(a young thing said it)SS/stn QRM. (Ralphie) WTHI noted on ET w/cw mx @ 0215 to 0245 11/27, ID at
		0230. (Schmidt, Pa) Dave, do you mean WTHE-Mineola,
5		NY? If so. Ralphie. that's it. (rk) WCIS???
1550	WYNA-NC	Had ET/mx 0100 11/12, way u/CBE. (Lon Berman, East Meadow, NY) CBE/AN/NSP)"Hill 1550" got a 1 kW bombar-
		dment by: WYNA from 0209-0245&5kW by what sounded@0246
		WXVA(WVa) using TT(11/25). SUN/am 11/26 "Battle of
		1550"again: a strong no/call TT'r:0313-0405/off(*heh: is newie WNTN Newton Mass testing??) (I don't think
		so -rk) then @0423-0448 again: WYNA Voice/checkins("
		I quit, as CBE was giving me a pain in the*!!***
71	KLTIMo	ghere: .*) (Ralphie.) r/TT/o(4t)-WED)11/22 hrd:0202-0211(*no reply:10/25/
100		TOUUTI, LIDAANNS WYI
	UnID	?KCAD(Tx) TT/c 0221-0227 11/23, heavy QRN muffed loca- tion (Johanns, NY)
	WAGL-SC	IL/O on for NRC, recieved good, (New) (Wheeler, id)
1570	MAQE_Md	(to me:1-call/only&sounded:WQAW,1570 in Towson, Balt- imore Cty, Md. 11/22,0445-0456/off, topped:UFOR-CKLM-
		Imore Cty, Md. 11/22,04/5-0456/off, topped:UFOR-URLM-
1580	WLJJ-Tenn	*att'n: beans-ju-ears':D-Lor-&-zo*) the ENG said:3rd
		SAT r/c/TT; 11/18 hrd:0106-0122, then WCLS/r/r came topping:XEDM (Johanns, NY)
+1590	WBRY-Conn	Now on till 0200 Sat and Sun AM w/rr. (Long, Conn)
600	WAAM-Mich	Now on the air till OlOO daily. (Merrill, Mich)
<u>B</u>		(PSAs, Sunrise s/ons, and daytime DX)
	Momm ass as	
560	WQTE-M1ch	Continues to s/on at 0600 wkdys, w/their PSA. Using only 34 w; not nearly as strong as the 500 w, noted
50		11/23. (Merrill. Mich)
620	WATE-Tenn	SSB/s/on:0458.says owned by Nationwide R/Inc(*11/25
	WNR-WVa	hrd, did they change again: from Peoples Bg?? (Ralphie) Now has s/on at 0546 wkdys. A cinch now that WTRP no
		Wk/s/on:53B@0458 11/21. (Johanns, NY)
1150	WAVE-Ky WTYC-SC	Wk/s/on:83B@0458 11/21. (Johanns, NY)
	CKOC-Ont	S/on 0600 11/23, o/WIMA. (Merrill) S/on 11/17 at 0459:45. (Ralphie)
256		Very strong carrier on @ 1030 11/26- audio at 1115-
		after last selection played at noon carrier cut- looped NE/SW-not around here, checked by car & strong all
		around: (Schmidt, Pa)
260	WPHB-Pa	S/on at 0629 on SM 11/19. (Neff, NY)
1360 1430	WEBB-Md WIRE-Ind	S/on at 0559 on SM 11/19. (Neff, NY) S/on w/SSB at 0700, SM. (Don & Len Boselovic, Pitts-
		burgh,Pa)
1440	WBCM-Mich	MM s/on at 0458 on 11/27. (Neff, NY)
1490	WBUY-NC WRLD-Ala	MM s/on on 11/27 at 0520. (Neff, NY) Announced s/on for 11/20 0530 on f/c. (Merrill, Mich)
		, , , , , , , , , , , , , , , , , , , ,

ENTLEMEN ...

o fit within the 32-page postage limit, we're hoolding back Manngs Page 11 and DDXD Page 3. We had already collated the very fine IRCA Spanish forms ... and the only thing rougher than collating is un-collating?

International DX Digest
Editor: Gordon P. Nelson, 19 Irma Ave., Watertown, Mass. 02172. Phone: 617-924-9007

<u>Contributors</u>: Please submit information in IDXD format, one side of the page, preferably on standard $8\frac{1}{2}$ x 11 sized paper. Please use Official NRC Abb. list.

DX conditions here in the Northeast have been fair a best during the past two weeks; very similiar in overall pattern to those experienced beginning about December 10th last year. This may well be the so-called "Midwinter Anomaly" and it may well have hit earlier and will last longer than last year because of the elevated sunspot count. The conditions did not begin to return to normal last year until the beginning of March, although a few brief periods of enhanced reception were noted in the interim. It looks bad for those tempting Ramadan catches this year. Ben Dangerfield, recently re-receivered, reports "11/13 thru 11/16 I would say was quite poor... all The signals were extremely variable and faded fast, nothing steady... reminds me of conditions back in 1959, early 1960." Ben does note a short period of what seemed to be Mideast reception on 11/23 2200-2315 w/traces of what seemed to be Cairo on 773 and 818, and a second carrier u/RNE-737 that might have been Israel. Gray Scrimgeour in Ontario notes, "best The night yet on 11/20-11/21." If conditions continue in this pattern, give up on Th's and concentrate on signals from the South: Africans, Zedders, Deep Sh's, and the like.

*On Reciprocal Paths. While we here in New England experienced remarkable conditions on 11/6 (e.g., ZCO, traces of unusual Deep SA's), John Hoogerheide in Chile reports: "Only DX done on 11/6 and that day conditions suprisingly good despite summer cx here in South America. The dial absolutely covered w/U.S. stations including many 5 kw ers. Coast to coast audible including KGBS and KFBK, KOB, and first New York city stns in WCBS and WABC. Also WHDH-hi, Gordon, for 2nd Massachusetts. Some stns like WGBS, WKBW, KTHT and KTRH almost like local signals despite static. Woefully few Deep SA's on. Only definite AN'er noted was CA-127 in Antofagasto on 1270. Sincerely doubt if any other Chilean, Argentine, or Peruvians were on AN that day at 0230. A few Brazilians and other Northern signals in - Colombia noted but generally overriden by US signals. Only new country was TICS in Costa Rica at 0030 with a newscast overriding the Mexican." Very interesting, John. Please keep us posted! In England, Al Slater also noted fine conditions during the 10/21-10/28 "hot period": "Certainly the conditions of October 19th/28th were more like the cx of 2 or 3 years ago...only West Coast was a tentative on KCMO, though KING has also been reported by other British DX ers...it was nice to note the Chicago stns again - WCFL and WBEM; also KXEL behind WPTR and also on its own at S7 the marvellous 5000 watts of KXYZ, Houston on 1320... also nice to catch 250 watters again like WFPG and WMID... those N.J. coastal locations must be real good ... as I was not active on 11/5-11/6 I cannot comment on conditions then..."

*Quotation without Comment. "In Musings, someone mentioned receiving 2 other Mexican spurs on 1002! Wish he would tell IDXD about it! In future maybe require all loggings reported only in IDXD and DDXD?? With Musings only for B.S.?" (A very active DX'er)

*Holland Plans Rival to Pirate Radio Stations. Holland is to launch its own commercial broadcasting service in March of 1968 to counter the growing popularity of R. Veronica and the fear of proposed Dutch transmissions of the re-anchored Radio Caroline South. Rates from 30s. (\$3.75) to about 3 pounds (\$7.50) a second at peak listening times. Radio Veronica broadcasts 20 second commercials at 30 s. a second. Advertising has already been introduced on Dutch TV, but advertising on both TV and radio came only after bitter controversy. The press, for example, complained that its rev nue would be hit and the government has agreed that it should have a share of the advertising income to compensate for this. (Calkin, N.B.)
*This issue we are printing, with Larry Godwin's permission, the very excellent new IRCA Spanish form report; next week we'll finish it with a list of useful SS words for reception reports.

*Randomness. Whew, what a rush. This week's IDXD cut during and between rush trips to Pa. and Calif.; WEST COASTERS: we'd appreciate your answers to the following questions: (1) Do TA signals seem to be stronger early or late in the evening? (2) After an evening of TA reception, do you encounter especially good TP or DU reception? (3) Have you ever encountered a nite of TA reception followed by an AM of especially

SINGLETON-ELIMINATOR FOREIGN CONTEST STANDINGS

	As of November 10th; (compiled Nov. 17th)	TOTAL
1.	Wood (Hawaii): (S) 2RE (1560), XEAE (1600), XERF (1570), XEDM (1580), 4YA (780), 3GI (830), 3ZB (1100)	POINTS
2.	Reynolds (Calif.): (S) BEC27 (1560), CX16 (850), HCEN2 (995) 9/25/67, YSC (1015), KIMO (850). (E) YNX (750) 9/7/67	•
4.	DeLorenzo (Mass.): (S) VOA-Munich (1196), Dakar (764), HRTV (715)	14
	Sullivan (Mass.): (E) HCEW2 (995) 10/11/67	

DEAD STATIONS (now ineligible): HCEW2 (995), YNX (750)

NOTE: Where both S and E are awarded to a station, reception dates are also shown. Kennedy took away the YNX Singleton from Reynolds for earlier reception; Reynolds gets (E).

STILL TIME TO JOIN IN THE CONTEST! Main rules appeared in August Bulletin; amended 10/21. Don't let the above scores scare you out. It doesn't take many entries to add add up to an impressive score; just get there first for SINGLETON credits. The new 2000 mile minimum distance could make you the winner with just Mexican, Latin. American, and West Indies stations in sufficient quantity.

Remember the FIRST PRIZE is valued at over \$50.00, and there are other prizes also. Send your 50ϕ ENTRY FEE now to contest manager: Don Reynolds, 19055 Hollyvale St., Glendora, Calif. 91740. Please include information requested in 10/21 bulletin.

*Navassa Island. When I visited Haiti this summer, I visited 4VUE, R. Lumiere, in Port-au-Prince. Mr. Walker, the Manager, told me that R. Lumiere had once considered establishing an FM station on Navassa Island to beam to areas of the country not served by the Les Cayes and Port-au-Prince AM stations. With an engineer and a boatman, he took a motor-launch out to the Island; he found it infested with snakes and totally unsuitable for the establishment of a radio station or anything else. Radio Lumiere 1: now building an FM relay network on the Haitian mainland. (Richard Wood) In addition to this, I've talked to one of the hams who visited the island some time ago on a ham DXpedition, and he delivered a similiar report about Navassa. And last week we heard from a non-NRC member who even more recently flew over Navassa and reports that if there's any activity there, "it's under the sand." There seems to be absolutely no question that recent reports of planned activity on Navassa have been entirely the result of the spurious information initially circulated by Kneitel as reported here in IDXD several weeks ago. So don't bother doing any more research on Navassa, it's really a dead issue. (Ed)

*Don Kenney, who's been following the Radio Free America matter from California reports, "I think that you can probably forget about Radio Free America. Lipton's column in the <u>Free Press</u> (entitled, oddly enough, 'Radio Free America') hasn't mentioned anything about it for six weeks. If we are ever blessed with this visitation (and who needs it?) 840 will probably be the frequency (that's the one I'd use if I didn't go FM) and I'll bet on low power, as that is less likely to bring in the FCC, Coast Guard, Navy, etc., in to cancel a fairly healthy investment."

*Malta. It is now settled that Radio Malta will be an official station to be run by Rediffusion (Malta) Ltd. The Malta Broadcasting Authority and the Malta Government decided that the programs will be mainly in Maltese. Frequencies will be 1214 and 89.7 FM. (Micallef, Malta; via SCDX)

*Radio London, formerly off Britian, is under offer to a New Zealand company. If it is purchased, it will sail to New Zealand and broadcast off Auckland with 50 km and it is stated that it would retain the call of Radio London. (Cushen, N.Z.; via SCDX) hodesia. According to a press report, the Rhodesia Broadcasting Corporation intends to introduce a new commercial service in EE with the proposed name "R. Jacaranda", sometime next year. Will be similiar to SABC's "Springbok Radio". (Ginbey, S.A.; SCDX)

RADIO LUMIERE'S LABOR IN HAITI

By Victor C. Jaar, Port-au-Prince.

Haiti, one of the first independent countries in the Western Hemisphere, (January 1st, 1804), after being in the past a Spanish and a French colony, retained the French culture and language. It occupies the western and smaller part of Hispanola Island, in the Caribbean Sea. Port-au-Prince is the capital and the center of all activities in this mountainous country. In spite of its small size, some 4.5 million people are estimated to live in Haiti.

Due to its past history, Catholics constitute the great majority of the population in Haiti. However, in modern times, Protestants are doing a good labor, mostly in the countryside. Thus the Oriental Missionary Society operates 4VEH from Caphaitien in the North, and the West Indies Mission operates Radio Lumiere from Cayes and Port-Au-Prince in the South.

Radio Lumiere ("Light Radio") operates on MW, SW and FM with programs mainly in Créole and French to reach local listeners. However, plans exist for higher powered transmissions, as well as the building of new relay stations. Today the station operates a few hours a day during the week and all day on Sundays. However, their ideal and intention is to broadcast 120 hours per week, and instead of mainly religious broadcasts, to have the following distribution: 25% Gospel, 12% news and information, 13% educational, and 50% music. This is a method of attracting a greater audience, both from the peasants and the "elite".

During the 1963 hurricane "Flora", the southern part of Haiti, the most densely populated part, was severely affected, and Radio Lumiere brought great help to the victims who were completely isolated at the time.

Today the station receives some 500 letters a week, due mostly to Bible lessons and Song Requests. In spite of its limited staff - mostly Americans, with a few local members - Radio Lumiere tries to attend to such correspondence. (This should be kept in mind by DX'ers because how could Radio Lumiere manage to reply to all letters received? For the time being at least, DX reports have little chance of prompt verification or even at all...)

The Network Director is Louis Markwood. The chief Engineer is David Hartt. The Network Manager is Edwin S. Walker. The Engineer at Cayes is Jim Huckaby. The Cayes address, where most of the station's facilities are operated at present is: Radio Lumiere, Boite Postale 71, Cayes, Haiti. The Port-au-Prince station's address os Radio Luniere, Boite Postale 1051, Port-au-Prince.

Future plans at Radio Lumiere are many: daily broadcasting 0500-2200; using a convertible 5/10 kw transmitter at Torbec (Cayes) on 760; programs beamed to Cuba in one direction and to Guadeloupe and Martinique in the other; building of 4VIE 250 watts on 660 at Jérémie; 4VIA 250 watts on 730 at Desdunes; and 4VIT 1 kw on 700 at Pignon. Plus 3 low powered FM relays to make the above AM network possible.

Already under construction is a new 1 kw transmitter and antenna at Port-au-Prince to operate on 660 (or on 780, the same frequency as used now).

Present program schedule is: Monday-Friday 0500-0900 1630-2200 Saturday 0500-0900 1530-2200 Sunday 0500-2200

A special Spanish program is aired daily 0800-0830 on all outlets.

The present MW network of Radio Lumiere is:

760 kcs 4VI 1000 watts located at Torbec (Cayes)
780 kcs 4VUE 1000 watts located at Cote Plage (P.-au-P.)

Radio Lumiere needs your prayers and support. Your help is greatly appreciated. Special thanks go to Mr. Walker who furnished most of the information included in this article.

-30-

*Latest European area changes, according to European Broadcast Union Supplement 20-A, dated 1st July, 1967. Where more than a single freq has been reported to EBU for a station, we shall arbitrarily list the station on the lowest of these freqs, but will indicate the range of variation in frequency.

1241 France. Lille ORTF 4/20 kw here. 539 Albania. Stn hrd on this freq. 1262.6 Gibraltar. Campo de Gibraltar. 707.8-710 Egypt. Asyut, 100 kw. 1268 Spain. EAK12, Murcia, 2 kw, COPE hrd 738 Egypt. Stn hrd on this freq. 788 Jammer. here and on 1502. 1308 794 Jammer. Iraq. Baghdad, 20 kw. 809 USSR. Kouibychev, 10 kw. Syria. Unid stn hrd here. 1313 845-846 USSR. Elista hrd here. 1354 Albania. Unid stn hrd here. 868-871.8 Egypt. Cairo 5, 50 kw hrd here. 1355 Greece. Unid stn hrd here. 899 East Germany. Greifwald hrd here. 1376 France. Hille ORTF 20/150 here. 914.7-917 Cyprus. Paphos, 2 kw. hrd here. 1394 USSR. Unid stn here. 926-927.4 Egypt. Cairo 4, 10 kw here. 1394-1398 Spain. EAK26, Zamora, 2 kw. 952.9-956.5 Syria. Deir-el-Zor, 30 kw. 1396-1397 Spain. EAK48, Astorga, 2 kw, 958 Egypt. Unid Egypt hrd here. COPE outlet. 977-980 Erypt. Cairo 2, 5 kw here. 015-1035 Turkey. Izmir, 100 kw hrd. 1430-1463 Spain. EAK40, Jaen, 2 kw, COFE 1430-1463 Spain. ECS18, Orense, 2 kw, SIN 1025 Egypt. Unid stn hrd here. 1430-1433 Spain. EAK9, Valladolid, 2 kw, 1088 Albania. Tirana, 50 kw here. 1094 Spain. EAJ26, Antequera, 2 kw. 1430-1431 Spain. EAK29, Lorca, 2 kw, COPE 1106 Spain. EAJ26, Antequera, 2 kw. 1433-1440.1 Greece. Pyrgos stn here, 2 kw 1115. USSR. Moscow hrd here. 1484 Spain. EAJ37, Linares, 2 kw, P. USSR. Unid 20 kw outlet here. 1493 USSR. Leningrad, 50 kw here. 1502 Spain. EAK12, Murcia, 2 kw, COPE 1118 Spain, EFE31, Vigo, 2 kw, REM. 1174.3-1176 Turkey. Van, 2 kw, here. 1502-1505 Spain. EAK59, Orense, 2 kw, COPE 1190-1191 Turkey. Gaziantep, 2 kw here. 1587-1599 Czechoslovakia. Unid stn here. MONITOR REPORTS.

The editor calls your attention to a very rare logging of Paraguay on 1020:

**550 Costa Rica. TI??, R. Libertad, San Jose stn noted w/tangos at 0035 till 0100

** s/off 11/6. Believed to be TIBSJ ex 1300; if latter, power increased to about 10 kw. (Silvera, Jamaica)

555 Nicaragua. R. Tic Tac, YNS, time and ID 0630 11/20 and request pgm. (Hauser, NM) 602 Unid TA. Must be the Karl-Marx Stadt 20 kw stn here. // 611 AN. (Ericson, Sweden)

645 China. Peking listed; weak oriental 0550 11/13. (Kenney, Calif.)

650 Spurious. Down here, there is a spur of WIP on this channel. (Schmidt, Pa.)
Could be, Dave; will drop you a tape of the programming that we've hard MM's. Ed
Cuba. CMQ has been noted here at times w/carrier only; especially last two MMs.
Coviously xmitter troubles; now back on 640. (Silvera, Jamaica)

655 North Korea. Pyongyang, 100% readable signal 0535 10/28. (Allen, Calif.)

<u>Unid.</u> Weak carrier noted w/C&W at 0345; may be Surinam. (Silvera, Jaraica)

658A Surinam. RADIKA was almost definitely the stn hrd here MM 11/20 at 0330; very poor modulation, and signal wasn't that great either. Not enough for report; not EE, SS, or FF as far as I could tell. (Raczko, Chio) Hindi and DD, Bill.

660 Unid. Penang, Malaysia? Odd language could easily have been Malay, hrd 0418-0433 11/20; extremely weak, QRM'ed out. Mostly man talking w/very short musical bits and occasional woman announcer. Anyone recognize this format? (Hauser, NM) Dominican Republic. R. Quisqueyana, Santiago/Caballeros, 0453 11/20 giving local and San Francisco de Macorís phone numbers, although no ID hrd. (Hauser, N.M.)

670 Cuba. S9 at 0405 11/6. (Allen, Calif.).

700 Nicaragua. YNSC, R. Centauro, Managua hrd w/ID thru WIW at 0040 on 11/17. (Scrimgeour, Ont.)

715 Honduras. HRTV, Tegucigalpa, pop US tunes 2328 10/27. (Allen, Calif.)

720 Cuba. On top of WGN at 2227 10/27. (Allen, Calif.)

723 Unid EE. Saudi Arabia is using this freq in EE but not all time. I don't think they have DJ and of course not "The World Tomorrow." (Ericson, Sweden) Would you believe a very sudden ecumenical movement in Saudi Arabia? (Ed)

730 Trinidad. Port of Spain, in very nicely for about 5 minutes around 0500 11/13; commercials, religious pgm, and lots of references to Radio Trinidad. (Kenney, Calif.) Local news in Caribbean accented EE; Port of Spain mentioned several times around 0436 11/20. (Hauser, N.M.)

737 Spain. Barcelona I booming in w/SS nx 1500 on 11/18. (Kirkpatrick, Germany

750 Japan. JOIB, Sapporo, in and over WSB and high noise level at 0525 11/20. (Kaskey, Calif.)

**760 <u>Guatemala</u>. TGHB, Super-Radio noted here 11/17 ex 780. (Silvera, Jamaica)

<u>Mexico</u>. XEABC, normally covered by KOB, in clear 11/20 at 0522 w/ID as "R. ABC,

Canal 76, con las melodías más populares de México," and TC's. (Hauser, N.M.)

780 Barbados. R. Barbados 2100-2200 11/14 thru much QRM. (Wheeler, Pa.)

785 North Korea. Pyongyang at 0532; very good 10/28. (Allen, Calif.)

791 Greece. Still relaying VOA pgms. (Ericson, Sweden; Calkin, N.B.)

800 Neterlands Antilles. PJB, Bonaire TransWorld Radio overpowering CKLW at times 2327 on 11/11. (Wheeler, Pa.)

800A <u>Unid Spain.</u> 800 or 809, who is the Spaniard here? (Kirkpa trick, Germany)
Latest European information says 20 kw of EAJ7, Radio Madrid on 800 and 5 kw of
EAJ5, Radio Sevilla on 809. (Ed)

812 Colombia. HJBW, R. Atalaya, Bucaramanga in weakly w/LA mx around 0530 11/11.

Positive ID though. (Kenney, Calif.)

814 Unid LA. Very weak 0500-0600 11/11 readable at times after 0600 w/LA mx; rough loop bearing says slightly West of HJBW. (Kenney, Calif.) SS here still puzzles me; hrd again MM 11/20 from 0500 and seemed to ID as "R. Reloj" or something phonetically equivalent at 0546. (Godwin, Colo., IRCA)

825 Costa Rica. TIOS, San Jose hrd on regular sked 2228 10/27. (Allen, Calif.)

829 <u>Dominican Republic</u>. HIAZ, Santiago was surely the one giving a phone number in Santo Domingo, though no definite ID hrd, at 0530 11/20; weakest of the 4 DR stns hrd that AM. (Godwin, Colo., IRCA)

**830 Argentina. LT8, Rosario hrd for two brief 10 minute periods on 11/6 at 0245-0255 and 0340-0345 between WCCO tests; several ID's hrd, one ad and a newscast at 0345 w/fanfare of bugles and drums. Report by tape sent. (Fountain, Ga.)

Japan. JOBB, Osaka, Japan S7 at 0801 10/16. (Allen, Calif.)

Hawaii. KIKI on top w/news 0502 11/13. (Allen, Calif.)

835 China. Nanchang radio play 0642-0700 10/15. (Allen, Calif.)

836 France. Nancy, ORTF is undoubtedly the FF TA hrd on 11/21 at 0102; week. (Scrimgeour, Ont.)

840 Cuba. CMHW, Santa Clara, full ID 0508 11/19 as if s/on. (Hauser, N.M.)

Unid Brazil. PP speaker in some nights around 0230-0300; no ID hrd. (Kenney, Ca.)

Japan. JOCK, Morioka on top at 0457-0500 10/16. (Allen, Calif.)

840A Spurious. CBL, Toronto, S9 spur of some sort noticed on 11/21 at 0100 ID; first time noticed; very high carrier, but audio only fair. (Scrimgeour, Ont.)

849A North Korea. Pyongyang the only TP audible 0350. (Seaver, Calif.) Unid. Loop says Far East. Was just lining up to check on audio when KOA s/on 0633 11/13. (Kenney, Calif.) Very likely Pyongyang. Don. (Ed) Pyongyang noted atop freq 0529 on 11/20. (Kaskey, Calif.)
850 Nicaragua. UNMV, Managua thru hgh noise level 11/14 at 0451 and later. (Kaskey)

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Puerto Rico. WABA s/on in EE at 0450 11/20, then into SS; fair signal but mucho
QRM. (Reynolds, Mo.). WABA s/on at 0452 11/13. (Allen, Calif.)

Colombia. R. Nuevo Mundo, Bogota w/sign on at 0430 on 11/13 and 11/20; easy SS
followed by non stop musica tropical, mostly vocals until 0457; ID's for stn
and CARACOL. (Fountain, Ga.)

870 Japan. JOLB, Fukuoka S7 at 0804 10/16. (Allen, Calif.)

. 875A North Korea. Pyongyang, S3 at 0600 11/20; regular this winter thru high noise level. (Kaskey, Calif.)

881 Panama? HON33? Weakly 11/19 at 0350 w/fast mx; "Fabulosa" hrd once (Hauser, NM) Almost certain, Glenn. (Ed)

885 Nicaragua. YNKW, Managua hrd strongly - S9 at 2348 10/27. (Allen, Calif.)

<u>Unid.</u> First Xmas carol of the year noted 0510 11/14; assume that this is

Montserrat; modulation seems weak. (Kenney, Calif.) Montserrat modulation quite

shallow, Don; YNKW's is very good. (Ed)

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890 South Korea/Japan/Australia. 11/13 0600 four equal signals at least partially loopable; HLKB, Pusan; JOHK, Sendai, NHK I; 5AN (inviting listeners to "kick the Socialist government out of office") and WLS s/on w/SSB. (Wood, Hawaii) Brazil. PRA6, R. Gazeta, Sao Paulo hrd w/good signals and jingles 0305 11/13 w/QRM from HJCE and another weak IA, believed to be Recife outlet. (Silvera) Dominican Republic. "HIPJ, Radio Continental" in s/on announcement 0448 11/20; also mentioned FM 99.1. (Hauser, N.M.) Japan. JOHK S7 at 0804 11/16. (Allen, Calif.)

**895 East Germany. Radio DDR, Puttbus Rugen, 5 kw, here ex-899. (ARC)

910 Honduras. Very likely the station I had on 11/13 from 0500 atop freq; Bill

Nittler hrd at same time. (Kaskey, Calif.)

920 Alaska. KSRM, Soldatna hrd 0300-0500 s/off 11/20 thru KARK and KLOC EC. S/off after nx and wx and an Alaskan theme song of sorts; good at s/off. (Kaskey, Ca.) Unid SS. A Radio El Juelta?? Noted w/powerful signals very good at time's but IM from KARK; believe XE hrd at 0325 11/13. (Silvera, Jamaica)

926 Unid TA. Weak TA fading in and out on 11/21 at 0105; hopefully I'll get Brussels

II some day. (Scrimgeour, Ont.)

Sahara. (SCDX: Benelux)

940 Venezuela. YVNN, R. Punto Fijo Musicala, Punto Fijo hrd w/"Hora Rhumba" thru CEM from 2320 past midnight 11/16. (Scrimgeour, Ont.) Hawaii. KAHU, Waipahu hrd well at 0425 11/13. (Allen. Calif.)

950 Japan. JOKR, Tokyo atop KIMN at 0347 11/20 and loud all AM. (Kaskey, Calif.)

960 Bernuda. ZFB1, 0200-0303 11/12 announcing as "FB1"; ID's about every 20 minutes. (Wheeler, Pa.)

970 Hawaii. KPUA, Hilo call given at 0500 11/13. (Allen, Calif.)

973 Asiatic Russia? Carrier and het all AM 11/20; no audio noted. (Kaskey, Calif.) 998V Spanish Sahara. Assumed to be the station noted 1654 w/AA mx on 11/17, very weak; signal faded and no announcements or anything else noted. Not enough for report, Drat. (Calkin, Canada) Lars Ryden reported by phone today that he heard a SS stn s/off 1659 after "Revista de manana" (tomorrow's program), they announced "Transmite Radio..."; Kishnov s/on 1700. In Revist a de Manana they talked about RNE Relays at usual times. Perhaps 998 is a projected RNE stn at Villa Cisneros, Spanish Sahara? (Ericson, Sweden) Definitely not an RNE outlet as such, Bengt; we've hrd call letters "EAJ..." several times. (Ed) Address for this outlet when was still on 656 was given as Apartado 7, El Aiun, Spanish

**1000 Costa Rica. TI?? R. Mil, San Jose new stn to begin here w/2 kw; sked to have started operation 10/29 but not hrd here yet. (Silvera, Jamaica)

New Zealand. 1ZD most likely the Zedder had 11/20 from 0400-0435; rose to good

level at times but quick fade after TC 0430; no definite ID. (Kaskey, Calif.) 1002 Mexico. XECC, Cd. Camargo, Chih. spur of this 100 watt stn hrd 11/9 2155-2232 w/TC's running 5 to 9 minutes fast. (Hauser, N.M.)

1005 Mexico. XEPC, Cd. Camargo still occupying this freq all week except for 11/12 when they seemed to be missing. (Nittler, Colo., IRCA) My XEER had carrier. no spur. (Seaver, Calif., IRCA)

Unid. Oriental (?) hrd S6 at 0515 10/29. (Allen, Calif.) Pyongyang here, Gene.

1015 El Salvador. YSC, R. Internacional, San Salvador 0638 thru 0705 w/some mx and

lots of commercials. Clear ID 0700. (Kenney, Calif.)

Paraguay. ZP14, R. Nanduti, Asuncion. Weak to fair signal on 11/20 at 0344 (timer not accurate enough to be certain). Two choruses of national anthem with band playing; routine SS remarks at s/on after mx, mentioning Paraguay and "Radio Nanduti". Then a lucky break as signal faded up to S6 for the clear clincher: "Buenos Dias, Asuncion. Buenos Dias, Paraguay. Buenos Dias, America"; Chimes and ID as "R. Nanduti". It took 33 years to log this country but it's worth it. South America now complete. Report and tape sent; YVMX OC on by 0355 w/S9 signal so goodbye ZP14. (Hoffman, N.J.) Beautiful! (Ed) Dominican Republic. HIJP, Radio Commercial hrd 11/20 at 0445 w/R. Commercial ad ID and mentioned Santo Domingo. Mixed w/another SS, probably the YV. (Raczko, Chio) HIJP s/on 0448 11/20; heavily QRM'ed. (Hauser, N.M.) Tonga. ZCO surely the stn I had both 11/13 and 11/14 battling KDKA around 0500 w/Hawaiian style mx; fades too deep and often for ID. (Kaskey, Calif.)

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1025 Costa Rica. TIAC, R. Fides, hrd 2250-2301 s/off calling itself "La Emisora Católica". (Hauser, N.M.)

1035 Haiti. 4VEF, Cap Haitien in FF and EE 2126-2156 S7 10/30. (Allen, Calif)

1040 China. Peking HS type programming/singing 0930 11/8. (Allen, Calif.)

Hawaii. KHVH 11/19 at 0430 w/Hawaiian mx and ID's; new here. (Hauser, N.M.)

KHVH on top 0432 11/13. (Allen, Calif.)

1043 Panama. HOJ2, Las Tablas S7; unn; s/off 0002 11/10. (Allen, Calif.)

1070 Colombia. HJCG, Bogota, R. Santa Fe, hrd 0335-0410 11/13; lots of mx w/ID's between commercials and songs. Not very good. (Kenney, Calif.)

Unid SS. S/on 0400 11/13; MUCH weaker than HJCG. IR1? (Kenney, Calif.)

1090 Mexico. XERB finally hrd 11/20 at 0307 in EE; fair but faded often; mentioned S. California many times w/promos, etc. WBAL off; no report sent since haven't seen any QSL's reported. (Raczko, Ohio)

1100 Colombia. HJAT noted 0100 mixed w/2 other HJ's. (Conrad, Ky.)

1120 Guatemala. TGRR, R. Reloj often QRM's KMOX in the PM's here; on good nites, good reception w/loop. (Reynolds, Mo.)

Venezuela. YVM? in clearly 0505-0508 on MM 11/13; tape sent. KMOX turned on modulation 0508 and cut them off; ID as "Ondas del Lago"; what is call of this one? (Reynolds, Mo.) YVMF, Bruce. (Ed)

1125 Costa Rica. TISRHB, R. Popular 11/19 2150; very strong SS. (Conrad, Ky.)

1147 Panama. Not sure which stn this is; comment on C.Z. 0611 11/20; QRM from 1145. (Hauser, N.M.)

1187 International Waters. Caroline South must be the one hrd w/R&R 0148 11/6.

(Silvera, Jamaica)

1195 Unid SS. Weak SS hrd 0136 11/6, gone by 0146; SS pop mx and gave ID unable to make out because of splatter. However hrd exact freq announced; Spain or Ecuador? (Silvera, Jamaica)

1200 Venezuela. YVOZ, R. Tiempo, Caracas? ID as "R. Noticias" 0543-0545 11/20; news and many brief ads; beeps between items; EST plus one hour. (Hauser, N.M.) Yes.

1205 Colombia. Again hrd weakly 2228-2316 11/18; at one point I thought I hrd announcer say "Escuchen Cucuta"; HJBE-Cucuta listed on 1210. (Godwin, Colo., IRCA)

1209 Cuba. Noted here at 0247 11/15. (Allen, Calif.)

1215.210 Unid TA? Experimental laboratory phase-locked digital counter system detected weak carrier here around 1645 11/29; no audio. (Sullivan, Mass.)

1216 Unid TA? I'm getting someone on this freq 2120 on 11/19; rough to copy. Any ideas? (Zahner, Md.) Sounds like same thing Phil noted above; will check as soon as possible. (Ed)

1260 Mexico. XEL, Mexico DF, good signal and Radio Capital ID 0401 s/off 11/13.

(Kaskey, Calif.)

1268 Germany. Neumunster will be going 600 kw in November. (ARC)

1280 Puerto Rico? WCMN possibly the stn hrd mentioning Puerto Rico w/SS programming on 11/20 at 0505; fair signal but too much CJMS QRM. (Raczko, Ohio)

1291 Cuba. This one is CMKF, Guantanamo; ID w/call and location 11/19 2100. (Conrad)

1331 Madeira. Sked published last week was GMT so add 1 hour to times given. (ARC) Unid Ancient TA. Last spring I used to hear a TA many evenings until s/off at 2000, which is rather late for mainland Spain. Could Madeira have possibly been on then, perhaps with tests? No audio ever pulled. (Dangerfield, Pa.) Bengt Ericson is going to visit the Madeira station very shortly so we'll find out one way or the other definitely, Ben. (Ed)

1370 Japan. Synchro stns booming in 11/20 all AM. (Kaskey, Calif.)

1375(6) Asiatic Russia. Het noticed until 0450 when audio noted; much weaker than 1475. (Kaskey, Calif.)

**1385 Baleric Islands. EFJ45, R. Juventud, La Voz de Baleares, Palma logged 10/28 to ** 1900 closedown. (ARC)

1394 Albania. Tirana, very strong, would rival Peking-1040 on West Coast on 11/21 from 0024 tune-in till 0040 tune-out; IS and anthem very distinct between transmissions. Reported. (Scrimgeour, Ont.)

1402.44 <u>Guinea</u>. Very pleased to note Conakry here at 0057 w/IS, anthem at 0100 and s/on annots: "Ici la Voix de la Revolution... emettant de Conakry..." and freqs, mentioning 214 metres among SW ones. Up very well by 0104 and followed by West African mx: have tried FF report rie Cuincan Dub.

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1456 Panama. HOD45, La Voz de Almirante, Almirante finally ID'ed as the weak LA here; must be directional away; ads and light mx 1810 11/16. (Silvera, Jamaica)

1460 Japan. JOPF, Sapporo battling WPNX-ET and tohers all AM; S5 signal at 0325.

(Kaskey, Calif.)

**1463 Costa Rica. TIVDC is now w/Monumental Network. (Silvera, Jamaica)

1466 Monaco. TWR pgm on Monte Carlo hrd for few minutes 0010-0015 11/21; not enough for a report; 1st new country in quite a while. (Scrimgeour, Ont.)

**1475 <u>Balearic Islands</u>. <u>FAJ13</u>, R. Mallorca, Palma logged 10/30 to s/off 0017. (ARC) <u>Asiatic Russia</u>. Vladivostok strong 0504 11/13. (Allen, Calif.) In loud all AM; still booming 0630 and improving. (Kaskey, Calif.)

1500 Mexico. XERH, Mexico DF good u/WTOP 0100 on 11/17. (Scrimgeour, Calif.)

- 1550 Asiatic Russia. Came from out of nowhere and boomed in 0515, demolished CBE and WOKJ when they came on at 0600; no sign before 0515. (Kaskey, Calfif.)
- 1554 France. Nice ORTF in well enough to log on 11/20 from 2330 to 0000; IS and ID at hour fair. (Scrimgeour, Ont.)

1565 Dominican Republic. HIWJ, R. Samana now here from 1580. (Silvera, Jamaica)

- 1575 Oriental. Unid, possibly Taiwan w/very bad fade 0635 10/15. (Allen, Calif.)
 There's a Mainland stn on this freq, Gene. (Ed)
- 1578 Fortugal. Porto becomes my lowest powered TA; taped for a possible report on 11/21 0110-0140; good strength at times. (Scrimgeour, Ont.)

VERIFICATIONS...

764 SENEGAL. Dakar, regular QSL in only two weeks. (Sullivan, Mass.)

800 NETHERLANDS ANTILLES. TWR sent folder type QSL and pgm sked; 52 days for 9/25 reception; date, time, and freq filled in V/s Beverly Jones. (Sullivan) R. Nederland card in a month. (Mike Macken)

836 SPAIN. R. Juventud, La Voz de Huelva. Letter and pennant, signer Carlos Hildago Dir. (Slater)

890 EL SALVADOR. YSLA, R. Musical, Santa Ana sent a nice v/l in mixed SS/EE w/a most definitive QSL; also answered my question as to what the national mx of El Salvador was, saying that it has none, but prefers gaitas and Mexican Aires. V/s is Rigoberto Martinez H., Gerente. (Fountain)

1088 NIGERIA. Lagos sent card and many booklets plus sked; signer unreadable but is Director of External Broadcasting. In a P.S. he suggests that reception on SW

might be easier! (Slater)

1100 COLOMBIA. HJCN, R. Reloj sent large v/q w/definite details as to time and date. Signature next to the familiar Reloj clock man is unreadable. (Fountain)

1106 SPAIN. EAJ51, R. Manresa. V/l, attractive photo v/q plus view cards. (Slater)

LITHUANIA. Vilnius, V/q and sked. (Slater)

- 1133 SPAIN. EFJ19, R. Juventud de Murcia. V/l and pennant; v/s is Fdo Diego Pedro Lopez Acosta, Jefe de Programacion (Phew). (Slater)
- 1169 PORTUGAL. R. Renascenca, plain card w/perfect text in PP and EE; no v/s but printed Director/Manager. (Slater)

1397 SPAIN. EAK90, R. Popular de Cordoba, v/l; signer unreadable. (Slater)

1430 SPAIN. EAK5, R. Popular de Valencia. V/q signed by both Director and Jefe de Servicios Tecnicos plus tourist brochures. (Slater)

1520 CANADA. CJRS, Sherbrooke; v/q for 1st report from Europe. (Slater)

Greetings this week to reporters Bob Hoffman, N.J.; Frank Wheeler, Pa.; Matt Zahner, Md.; Howard Fountain, Ga.; and Paul Kirkpa trick, stationed in Germany. And tnx to all the regulars who help to make IDXD the best section of its kind in the DX World!

Admiral Nolson

V/1- CKPC, CKSB, KTRIF V/4- CJRN V/9- WLPO V/r- WBML