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PUBLISHED BY

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President: Mike Northam, P. O. Box 1122, Lake Grove, Oregon 97034. 503-639-9727. Dues: \$9.50 first class mail, \$6.50 third class mail, \$14 air mail. Mail to Mike N. Publisher: Don Erickson, 6059 Essex St., Riverside, CA 92504. 714-687-5910 24 HRS. Schedule: Weekly for 6 issues after this one. Next issues: 2/27, 3/6, 3/13, 3/20.

NEW MEMBERS & RENEWALS will appear next issue when there is more space available.

GEOMAGNETIC INDICES for Feb. 3 - Feb. 9 3-3-3-7-7-11-8. Report from Jerry Conrad indicates TA cx excellent Sunday PM 2/14. Only normal 24 hrs later.

			Marketine and the property of the control of the co
		DX CALENDAR	
Mon. Feb. 22	0200-0300 WMVO 130	Vt. Vermon, Ohio 500w	NRC/Dave Schmidt
	0200-0400 WSAR 148		NRC/Dave Schmidt
	0300-0400 KILO 144		NRC/Dave Schmidt
	0400-0500 WKVI 152		IRCA/Al Ogrizovich
Mon. Mar. 1	0100-0300 WBLJ 123	,	NRC/Wes Boyd
	0500-0600 WLKE 117	, ,	IRCA/Gary Nuthals
Fri. 5	0225-0240 KORN 149	<b>—</b> • • • • • • • • • • • • • • • • • • •	IRCA/Neil Bartlett
Mon. 8	0300-0330 WKTE 109	, , , , , , , , , , , , , , , , , , ,	IRCA/Gary Nuthals
	0200- WJMX 97	<b>O</b> , 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Mon. 29	0215-0300 WBNC 105		
	0200+ WGBG 140	<b>U</b> , y =======	,
τηστο	the second secon		t w
WHYO WIII USE	Tr, prenty of IDs, a	nd maybe some music. Reports	to George Donahue,
UCAD 33 1-	nt Vernon, Ohio 4305	JNRC/Jerry Starr	asan sa ili kasan saab
Description of the S	same as IRCA program	of Feb. 15. Reports to: Duar	e Burnham, CE, WSAR,
Box 92/, Fall	River, Mass. 02722.	-Jerry Starr	
KILU WIII use	tones, music, and pl	enty of IDs. Reports to: Rob	ert Blaine, Asst.
Engineer, 1st	Nati Bank Bldg, Gran	l Forks, N.D. 58201Jerry	Starr
MKAT MITT rase	march music, upbeat	MoR, C&W, IDs and tape to be	done by Al. Reports
to: Bob Denmo	ore, WKVI, Box 12, Kn	ox, Ind. 46534IRCA/Al Ogr	rizovich
WBLJ Will use	rr mx, IDs, some ton	e. Arr. by Wes Boyd. Report	s to: William Deland,
CE, WBLJ, Box	809, Dalton, Georgia	30720Jerry Starr	
WLKE will use	cycle tone and music	· Prepaid calls will be take	n at 414-324-4441.
Reports to: J	Jack Davidson, PD, WL	Œ, P. O. Box 1170, Waupun, W	isc. 53963Gary N.
KORN will be a	another of the tests	scheduled for first Fridays o	f each month. 1000
cycle tone and	l ID every 3 minutes	will be featured. Reports to	: Arnold Monday, CE,
KORN, Box 908,	, Mitchell, S.D. 573	DlIRCA/Neil Bartlett	
WKTE reports t	to: Chuck Webster, PD	, WKTE, Box 465, King, N.C.	27021. WKTE also
conducted a te	est for IRCA last fal	lIRCA/Gary Nuthals	
WJMX reports t	to: Frank A. Jenne,	Tech. Dir., WJMX, P. O. Box l	211, Florence,
S.C. 29501	-NNRC/John T. Tweedie		and the second of the second o

CPC Results John Oldfield (see page 10) phoned to find out if his tent. on 1440 2/8 was WAJR. No details on that except that Bob Karchevski did not hear them. John's having better "DX" luck though. He reached "KWKH" this time instead of "CKWX". "KSDO" next time? Seriously, if anyone has positive info, pse drop John a note and DEE, too. KSRM had lots of KELP QRM so most didn't even get a tent. let alone enough for a rpt but they were on, per Bob Neal. Steve Howe hrd WJDM 0214-0215; 1230 WJOB try netted only WITH. WSAR 1480 was hrd 1-4 per sked. WDEL-1150 not hrd and WSTP-1490 not tried. Keep CPC Results cards/calls coming! -DEE

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EAST CCAST DX ROUNDUP
February 20, 1971
Editor; David Faulkner 1430 Pine Grove Ave. Port Huron, Mich. 48060
Send reports to Bruce, ECDXF Editor. Deadlines are Fridays!!!!
NF Grand Falls vy good w/NHL hockey 1/17 1955-2020 w/WDAK &
540 CBT
            XEWA QRM. (BB)
    WARO PA Canonaburg in fair or poor every morning. (BL)
    WDAK GA Columbus in poor 2/1 0412. (BL)
 570 WMCA NY New York hrd well during WSYR/WKBN SP w/ID into nx 0130
            2/2. (BEM)
 580 WCHS WV Charleston 1816 2/8 finally o/mess. (dm)
 590 WJMS MI Ironwood 1820 2/8 wasn't sure Ironwood existed. (dn)
600 WPDQ FL Jacksonville vy good 2345 2/6 w/MoR dominating o/WMT(GDD)
630 CFCY PEI Charlottetown fair w/school closings, local nx and spots
            0626-0635 1/18. Slight QRM from WMAL/WPRO at first, then
            increased til they faded out, Province #8. (JJ) (JJ, I am
            not a cut and paste editor, but not a hunt and peck editor
            either. So please no more cut up reports - DF)
680 WAPA PR San Juan poor w/SS 0424 2/1 way u/WPTF 2/1. (JJ)
*630*CKRC MAN Winnipeg good w/rr 2340 2/6 dominatn o/WLAP QRM. (GDD)
 730 WLOR GA Thomasville w/sports & wx 1/18. CKAC QRM. (BB)
    KWRE MO Warrenton xlnt w/MoR nx & local nx 1829-1845 s/off. Atop
            freq w/no QRM. (BB)
    WNAK PA Nanticoke 2/1 0331-0333 DX TEST in well o/WOR slop. (RB)
            TEST hrd 0315 2/1. (dn)
 740 WPAQ NC Mt. Airy vy good o/CBL & WBAM 2/3 1725-1800 s/off w/local
            nx & wx. New Here. (BB)
 810 WKBC NC N. Wilkesboro poor ot vy good w/MoR mx & MBS nx 1/29 1718-
            1730. Heavy WMTS ARM. (BB)
                                                                 *(BB)
    WMTS TN Murr esboro fair to good w/cw relgs pgn 1/29 1730-1800.*
 860 KONO TX San antonio good w/mx 0550 2/1 QRM from Mexican which was
            hrd w/EE ID just one hour before. (JJ)
    KWRF AR Warren extremely poor IDs on r/c first tuesday 0157 2/2(BEM)
    WOAY WV Oak Hill vy good w/nx & Mor 1/25 1725-1735. CJBC partly
            nulled. (BB)
 910 WRNL VA Richmond fair 0&u WSBA 2/8 0230 w/mx. (GJC)
920 WMEG FL Melbourne surprise 0411 2/1 temp 59 °. (dm)
    WOKY WI Milwaukee 0326-0330 w/either ET or f/c. (BL)
    WMEG FL Melbourne hrd poorly 0340 2/1. (BL)
    ???? ?? Xlnt w/OC on ET 1/24 2103-2200. No IDs WMEG nulled complete-
            ly. Any ideas? (BB)
 930 CFBC NB St. John poor o&u WPAT/WSOC 1/18 0109-0134 MoR mx & nx.(BB)
    WPAT NJ Paterson good o&u CFBC QRM 1/18 0109-0134 w/MoR & nx.
 940 KSWM MO Aurora 1850 2/3 w/CBM nulled but KIOA took over @ 1855(FDP)
 950 WLOF FL Orlando 0349-0356 2/1 poorly. (BL)
 970 WWSW PA Pittsburg good 0403 2/1. (BL)
    WMAY IL Springfield unlisted f/c hrd w/fair sigs 0230 2/7. (GDD)
 990 WBTE NC Windsor strong w/cw o&u WNRV 1640 1/22. (JJ)
 1010 CBR AL Calgary good w/"O Canada" & GSQ 0300 2/8. (JJ)
1070 WDIA TN Memphis o/mess 2/8 1847. (dm)
    WAPI AL Birmingham way o/everything 1839, 2/9. (dm)
    WHYZ SC Greenville L&C 1810 2/9. (dm)
     WTSO WI Madison call change 2/7 1824. (dn)
1090 WKSP SC Kingsville xlnt atop w/OC, ET w/cw 1/18 0139-0222 w/local
            WBAL off. (BB)
1130 WEEO PA Waynesboro is on the air. First noted 2/4 2/4. Plays rock,
            pronounces call letters "we-o. (AM)
    WMGA GA Moultree 1755 1/20 on top of freq. (FDP)
    W??? ?? Brazil 1745 2/4. Did not hear calls and not listed in log.*
1150 KKUZ IA Burlington ex KYND 1745 1/25 w/WIMA nulled cw format. (FDP)
    WTYC SC Rock Hill 1725 1/23 w/WIMA nulled. (FDP)
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February 20, 1971 EAST COAST DX ROUNDUP
1140 KLUC NV Las Vegas vy good o/WRVA OC w/extended r/c w/ads etc.. (JJ)
1170 WHLW NJ Lakewood 1255-1300 local nx followed by AIR nx. Potent
             sig. way o/WWLE. Seems like new stn. (RB)
1230 WNEB MA Worcester weak u/WESX w/nx 1330 2/7. (GJC)
1240 WCEM MD Cambridge 1/29 2305-2308 nx pgm o&u local WGBB NRC log
             says off @ 2300. (RB)
1250 WKBR NH Manchester 1/31 1700-1701 nx in weak after semi-local
             WMTR s/off. (RB) Fair w/nx 1200 2/7. (GJC)
     WARE MA Ware 1/31 1725-1729 MoR mx o/WKBR. (RB)
1250 WKBL TN Covington 1845 2/4 s/off. (FDP)
1290 WTOC GA Savannah 0205-0230 soft mx in well w/little QRM. (RB)
1300 WSYB NC Mt. Airy vy good @ s/on 0500 1/23. WAYZ QRM Local WFBR s/on
             late. (BB) S/on 0501 2/3. (dn)
1320 WJAS PA Pittsburg 2/6 w/nx fair0101 (GJC)
1330 KVOL LA Lafayette good sig on r/c 0127 2/2. (BEM)
     WTRX MI Flint hrd briefly u/KVOL 0127 2/2. (BEM)
1350 WGAD AL Gadsden 1715 2/3. (dm)
     WHIP NC Mooresville TEST hrd 0304 2/1. (dn)
1360 WKAT FL Miani Beach 0428-0430 w/nx. (RB)
     WSAI OH Cincinatti 0435-0437 faded in o&u WKAT. (RB)
1380 KCII IA Washington r/c hrd w/good sigs, dominant o/KWK and others
             0115 2/7. (GDD 2/7 0111. good w/tt. (RK)
     WAOK GA Atlanta 0505-0510 soulnx, pretty fair, no WTVR. (RB)
1390 WISK GA Americus 1750 1/31. (FDP)
1420 WCOJ PA Coatesville fair 2323 w/nx 2/5. (GJC)
1440 WHIS WV Bluefield good-vy good on ET w/OC 0530-0545 1/30. IDs
             every 2 minutes 'til 0545 s/on. (BB)
1460 WCMB PA Harrisburg good 0038 w/mx 2/5. (GJC)
*1440*WQOK*SC Greenville s/on 0450 2/1. (dn)
1480 WTHI IN Terre Haute hrd only ID 1757 2/8. (dn)
1490 WDAN IL Danville fair w/r/c per list 0150 2/6 w/regularGY ARM(GDD)
     WTUP MS Tupelo dominant 0005 2/7 w/soul, rr ID & local spots hrd""
1510 KGA WA 2/7 0455 poor w/WMEX QRM w/rlgs pgn. (RK)
1540 WPAW NY E. Syracuse fair on s/on 0700 2/6. (BEM)
1550 WCTW IN New Castle xlnt 0530 1/23 w/cw. (BB)
     WKBA VA Vinton 1745-1755 came in right after WVAB s/off w/rlgs mx
             while looking for WXVA. (RB)
                                                                   *(BB)
     WPTN TN Cooksville xlnt on r/c 0530-0545 w/heavy WCTW QRM 1/23. *
     WOKJ MS Jackson 0200 s/off, SSB nurderous WPTR slop.
1560 WDXR KY Paducah good w/s/off 01052/3. (BEM)
1570 WTOW MD Towson plans to return to the air sometime in Feb. w/all
              of the old statistics. New format still not determined. FM
              outlet, WLIF, 101.9 is already testing w/quality nx. (BB)
1580 WKIG GA Glennville had PoP on 1/31 noted 0015-0040 w/tones, ID
              0033-0040. (AM) Gy good from 0045-0010 1/22 w/OC, TT
             XERF QRM (BB)
     KPIK CO Colorado Springs s/off 2/9 1829. (dm)
     WKUN GA Monroe TESTS 1/22 & 24, see DXF. (dn)
     WPGC MD Morningside fair to godd on SSS w/mx 0439 2/1. (GJC)
     WPUV VA Pulaski good to xlnt on r/c 0200-0300 2/9. (BEM)
1590 WAKR OH Akron fair 0218 w/wx, 2/8. (GJC)
 (RB) Robert Berger Rn A304 Langmuir College SUNY @ Stony Brook,
                               Stony Brook, NY 11790
      Robert W. Buddenbohn Jr. 2603 Evergreen, Baltimore MD 21214
 (GJC) Gregory Condon 218 Henley Terr. Brockton, MA 02401
 (GDD) Gary D DeBock DXing at 275 Littleton, Lafayette, IN.
      Robert Kraner DXing at 275 Littleton St. Lafayette Ind.
 (RK)
      Bill Likens 2578 Spaatz Ave. Columbus, Ohio 43204
 (BEM) Bruce E. McFadden 4735 Shirmerville Rd. Clarence NY 14031
      ALAN Merriman PO Box 6 Fairfax, VA. 22030 (cont'd page 6)
(AM)
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February 20, 1971 EAST COAST DX FORUM Page 4 Editor: Bruce R Heimburger \* 817 Rawlins St \* Port Huron, MI 48060 Deadline 2/27 for 3/6 issue. DXR may be one day earlier, check.

Mark Drogin - Ammann College - Rm C-111 - Stony Brook, NY 11790
Hello again! IN 2/1 was magnificent! I logged 7 new stations, including the WHIP DX on the TRF. Thanks GM for ARB info. Nice to see that DEE has rejoined the CIDX Club in which my Hamband DX column appears. DEE: Do you HamBand DX? Will all interested NYS DXers, or DXers of NY stations contact either myself or Robert Berger, both late of the Stony Brook Two, concerning a New York SoM feature? We've discussed putting one together if response is large enough. Mucho DX to all as we come down the home stretch of the 70-71 DX season. 73s. 2/11-2/13 (Mark, what info specifically do you need for NY SoM?-Brh)

Jim Jankowski - 11 Meadowbrook Terrace - Corfu, NY 14036 2/10-2/13 Yes fellow IRCAns I have indeed been alive and DXing this past month. New states here are: DEL(WTUX 1290), NEV(KLUC 1140), & SD(KS00 1140). This makes state totals 42/40. A new province also this in the form of CFCY Charlottetown, PEI. A rare province I've hrd. Totals at 435/265. About veries, most recent ones are: v/r-XERB KCHA v/l- ZNS WTRQ WKDE WEEB-DX WUFF WRDW WBKC WXVA KWRF (one week compared to KL's 1 yr) WWLE CKLB WGOE-DX WKUN v/m WTUX v/f WAZY-DX WDBC WAOK WRFD WTLB-DX WJAR WYMB(carbon copy) WKAN WWPA WNPV v/q-CFAC KSTP WMAY WTOB WHEB CKBC WHBG CHSJ WENE WV/B WKNX WOOD. A big welcome to Fred Osterman in Williamsville who recently rejoined. 73.

Gregory Condon - 218 Healey Terr. - Brockton, MASS 02401
Hi out there! DX fair here lately, but no new states. Recent veries WCCM WSPD WEVD WMBF & WSBS by v/l, WPTR & KNX by v/q. SSS good lately w/WPGC WLIB WCRV & WFDM all coming in. Am waiting for the Worester Loop, which I hope to get before MM 2/15. (so I can get WDEL test!) Totals-171/102, 35/31. Help! Does WCAU verie? Missed the WBCK test. Well, time to close. Hi TM, SS, & RA!!!! 70 trees all!

Dan Myers - 5315 Homeland - Toledo, OH 43611 2/10-2/11 Greetings peoples and/or DXers. I'll bet you all thought I was dead (right DEE?). Well, actually, I'm not. I've even started DXing again (see DXR). At 12:45 AM 1/22 I was sound asleep, and the phone rang; twas Gary Siegal, who told me to turn to 1580. My HQ-180 wasn't hooked up, so I turned on my tuner & boom, a tt nearly shattered my eardrums. When they IDed it turned out to be WKUN, Monroe, GA. I called them Fri in the daytime & talked to Mr. Deral Morris (owner, gm, & v/s), who gave me their address: 702 E Spring St., They're 1 kw-d non DA. He told me they were going to Monroe 30655. be on Sun morning, so I listened & taped it & sent them a rpt. Verie back quite quickly. Well, we now have a grand total of 5 IRCAns in Toledo & surrounding invirons plus two NRCers that aren't in IRCA. I think that's enough to host a convention, hi. Bill Hein: will write soon. I can use a few more people on the CPC, expecially in the W. & SW (Texas). Would also like to see a few more tests. I don't have much time for CPC work myself cause I'm busy being Music Director of WERC at U. of Tol. SCers write & remember what they say in Greenville NC: WNCT-Why Not a Convention in Toledo. (non DX edited-length-Brh)

Allen W Ogrizovich - 2429 Schrage Ave - Whiting, IND 46394 Since being in W Lafayette I think I should report to the ECF. Well the bash was really a blast, visiting WBAA &WASK, plus doing & talking about various phases of DX. Was great to meet TM & ST & see what they get down there. Besides DXing we met Mr. H.S. & his veries are a real work of art. We nine fought over three playboys & great chocolate chip cookies. The big feature of the night was listening to KGA &WAAC & also hearing the mystery tt's. Totals 412/257, 39/34, 4/4, 7/5 count., & 38/22 f/c. 315 pts in the domestic contest. Latest verie is v/l WBTS-Mrs. Roy McCloud. ST: "13 yrs old": Besides look-

ing at mouth watering ver, es, food, & receivers, everyone got a chance at looking at Carolyn Forehands pic. Well that's about it. 70 trees.

Robert Berger - Rm A304 Langmuir Col. - Stony Brook. NY 11790 2/6-2/8 Hello IRCA! DX at Stony Brook is horrendous due to fluorescent lights, steel-reinforced buildings, etc. All DXing I ever do is at home during vacations. I bought the TRF and it is superb. It's a shame I can't use it more often, considering the hundreds of stations still to be logged. All interested NY area DXers: How about a New York State-of-the-Month feature? Contact either one of the Stony Brook 2 (Mark Drogin & muself) at 516-246-6311 or 516-246-5708. Especially you guys upstate, we'll need your help. RICHEOND in 71.

Fred Prechtl - 6128 Glade Ave - Cincinnati, OH 45230

DX cx were real bad during Jan. cold spell, worse than mid-summer, but has picked up some since. Veries in since last report WHA, KCNW WHAZ WTYC & KKUZ ppc's & WMCA v/q. Tnx to Jim Boyd for the "Country Music, USA" tip. Updating my statistics, totals 1156/729, Canada

67/43, 43/41, 7/6, 11/5. 73s.

<u>Bruce E McFadden - 4735 Shimerville Rd - Clarence, NY 14031</u> (2 rpts conbined-Brh) Hi gang. DX cx are holding up. Was there an aurora on TM 1/26? Absolutely no NY City stns in here at all. (cx noted here too but FJP's Geo. index read 1 for 1/26-Brh) General east was bad that morning. West was favored, but nothing there logged. Can anyone tell me what gives w/WGY on FM's? NRC Log lists SP as 0100 I always tune there hoping to log something, but all I get is WGY's "After Hours". When is their SP? What do the abbreviations HI & unn. mean? LMA-WAMY veried in 10 days w/a v/q. v/s is Bill Monaghan, annr on duty. This was their r/c, 1st Fri. WTXL veried in 7 days for their unannounced DX test MM 2/23/70 w/a v/l. v/s M.K. Smith A v/c from WFLI on the back of a 3x5 card. 13 days. My nonverifiers list is this; WCAU WIP WHLO WNDR WHLD WNEW WTTN-DX WCMB WXGI KQV WADR WSER WHEC WSNY WGSB WUFO WKGN WWYN WFAR WNYR WMLT NFGO KIOA & WNTN. If anybody has verie signers for any of the above, I would appreciate them. Totals are: 508/134, 41/35, & 6/4. Veries this wk include WETA(2 days!)v/l &WLDY(39days)v/r. 73s & peace.

Quentin K Brown - 59 Kenilworth St. - Ottawa, ONT

2/3-2/8 This rpt is going to sound like an answering service. Brh:
Ur FF-1150 is CJRC during a newscast. GM: shame on you for not knowing about that 1630 wx stn (DXM 1/16). I wrote a 2 pg SF on them a while back. DE: Ur APAP 530 stn is up-Ottawa who ID as UPUP. In

Morse 'A' is .\_ while 'U' is .. DF: CFAC is now 50 kw. BEM: Ur

960 stn is definately CHNS. CHNS is EST+1 hr. That's why you hrd
the "4 o'clock" nx at 0300. ST: There ain't no FF LPRT's on 1120!!

JJ: WHEB 750 sent me a v/q in a wk. v/s Tony Vaccaro CE. CKBC 1360
hrd here only on daytime pattern. WCRV 1580 is in here every s/set.

BEM: Try 'ISYB 1380 at SSS for VT. LMA: WTXL 1490 sends a v/l+CM,
WPAT a ppc, winz v/q+CM, XETRA sends a v/q. Respective v/s are Paul
Savino, Bill Fletcher, Juan Biosca. MDr: CJKL // CJTT 0600(0700)0015(0109), CBEF 0600-0110, BDB: FSL took a month to get here. BL:
CNQ, CMJL, CMJD, CNBQ, veried here. LMA: WLLL v/s? DW: Welcome!

Tom McCormack - 275 Littleton St - West Lafayette, IND 47906
Hi, well cx have gone from severe auroral to great WC (North-West)
skips in three days here. ("repts sent to" edited, see end of rptBrh) 427 points here in domestic DXC & 134 pts in CL's DXC. Most
recent veries here are: v/l KOVE Lander, WYO., KSUD W. Memphis, ARK.,
WVSMRainsville, ALA.(#28 from ALA), & KOSG Pawhuska, OK (said they
were on 500w PRE-SUNSET, 2 towers only 75 ft. high-no lights). v/f
KSUD. v/q CKDM Dauphin, MAN. (7th MAN. verie). All CM swappers are
welcome, preferably photo-copies though. (few extra original traders
here). Do KIRV WNXT KISD KAGI KIML KTLK KCEE KTUF KFGO KUDU KCCR

GUD DX and up w/Graveyarders! TM: Prk's address: 13112 134th St - Edmonton 44, Alberta. Brh. I again ask all ECers to refrain from including lists of "reports out to ... " in their forum reports. They have no possible DX value. Brh Bertram Podall - 141-05 Pershing Crescent, Apt 512 - Jamaica, NY 11435 2nd  $\frac{1}{2}$  of rpt. see 2/13 DXM for 1st  $\frac{1}{2}$ . On directions & distance, it should be easier for most DXers to use the airline distance tables given by some airline timetables or the World Almanac which also has tables of US city lat. & long. One can take the number of degrees difference in long. & multiply by 53 to get a fair estimate. L.A. to N.Y.C. is actually 2450 statute miles. They are 440 apart which gives 2332 for the approximation or about 4% error. Using FJP's distance to Pyongyang 6041 miles - I get 6201 miles. Directions are found by using only 16 points of the compass - the Boy Scout type of "boxing the compass". Long. & lat. are  $\bar{N}$ -S, E-W a straight edge (ruler) lets you angle to the 4 major points. If the straight edge hits the diagonal of the N-S lines you have NE or SW; NW or SE & the remainder is just an approx. for ENE, SSE, etc. Quite simple if your not required to be within the mile. Best DX & 73.

Bruce R Heimburger \* 817 Rawlins St \* Port Huron, MI 48060
A couple of you mentioned that your rpts had not been printed. By
the time you read this, they should have been. The most likely reason they don't get typed during the week that they are sent is that
when some rpts are sent to DRF they stay there for a while as we don't
see each other daily any more because of greatly differing school
sched.'s. Remedy: Either send all reports to me or split your DXR
& DXF. I recommend the 1st. I for one would welcome a continuance
of the info. that Mike Worst makes available. What about you??
MI, OH, IND members watch for a regional gettogether, possibly in
Toledo. LEG: your pc rec'd and greatfully noted. I had an enjoyable
between semister break during which time I did a little of just about
every kind of DX there is. WW DX was especially profitable. My SM-1
was a flop but am hoping the Deluxe Fodel will live up to specs. See
you here next week, same time, same station. Rest for DRF & DEE:

AS A RESULT OF LACK OF PCOM THESE ARE WHAT'S LEFT OF THE CREDITS (dn) Dan Myers 5315 Homeland Dr. Toledo OH 43611 (FDP) Fred Prechtl 6128 Glade Ave. Cincinatti, OH 45230

EDITORS NOTE: Please center stencil when typing. It makes publishing easier. George Tanner has trouble with his t/w so the stencils tend to turn as they are typed. A tip for Forum editors; type lengthy reports at the top of the page; then the short ones will fit at the bottom. A few extra lines can be filled with reminders to include RP w/reception rpts; change address with mbn promptly, etc.

OFFICIAL NOTICE FROM MIKE NORTHAM, IRCA PRESIDENT: This constitutes official notice of the vacancy of the position of Special Features Editor. SF editor should be able to type well but need not make deadlines. And he should be more than a typist; a good SF editor will prepare material of the type that Gray Scrimgeour did back in 65/66. And "Five Years Ago" could better be done by SF editor than by publisher. Other openings, as already announced: East Coast DX Roundup, East Coast DX Forum, State of the Month, Publicity Committee Chairman, and Elections Committee Chairman. If you are interested in one of these positions, send your offer to Mike Northam. If you need further details, write to Sec-Treas. Larry B. Godwin, 5421 So. Clinton Ct., Englewood, Colo. 80110.

DUES REMAIN AS POSTED ON THE FRONT PAGE BUT ARE SUBJECT TO CHANGE AT ANY TIME. THE US POSTAL SERVICE HAS NOT YET ANNOUNCED APPROVAL OF THE PROPOSED NEW RATES SO ANY CHANGE WILL COME AFTER SUCH ANNOUNCEMENT.

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20 FEBRUARY 1971
                        MIDWEST DX ROUNDUP
                                                        · Page 7
EDITOR: Richard C. Evans, Box 2146, East Chicago, Indiana, 46312
DEADLINES:
            Thursdays through 3/25, then 4/8, 4/25, 5/6, 6/3, 7/8
Paducah, 2103 2/3, good w/nx, WIND nulled (RK)
 570
      WKYX
            ΚY
                Asheville, 0525 2/1, fair with sports (RK)
      WWNC
            NC
                Youngstown, seemed to be off 2/8, 0410 (AWO)
      WKBN
            MAN Winnipeg, 2355 2/7, fair with R&R (EH)
 580
      CKY
            ONT Thunder Bay, noted briefly about 0530 2/9 (rce) 2317
      CKPR
                2/7, w/SID poor w CKY QRM (RK)
     WIBW
            KS
                Topeka, 0355 2/4, good w/promo for Radio Free Europe,
                WIND nulled (RK)
      WELO
            MS
                Tupelo, s/on 0500 2/9 w/SSB, L&C (rce) good w/news
                0000 1/31 (AWO)
 OUT OF ORDER
550
     KSD
            MO
                Saint Louis, 2325 1/29, good but some WIND slop (EH)
 610
     KVNU
            UT
                Logan, fair u/WDAF and later KGGM w/Utah Stars game
                like KALL-910 & KOVO-960 had, even carried a KALL
                promo (!) 1910 1/31 (BWL)
      3333
            ??
                UNID, w/RR mx u/WDAF 1910 1/31 WSGN (JB)
 730
     KWRE
                Warrenton, fair w/nx & WGN slop 1738 2/2 (AWO)
            MO
                Mobile, ET 0315 2/1, id after acid rock (JB)
 840 * *WMOB * *AL
 920
     KARK
           AR
                Little Rock, good w/rr 2346 1/30. Seems to be a regu-
                lar (AWO) (Just hope they don't go NSP again, hi--rce)
 940
                Miami, 0340 2/1, w/WINZ nx w/Jim somebody (JB)
      WINZ
           FL
      WJOR
           MI
                South Haven, good w/ABC nx 1330 1/31 (AWO)
      KSWM
           OM
                Aurora, 1845 2/5, exc. w/RR. (AWO)
     WLOF
950
                Orlando, 0339 2/1, w/RR mx. Many Floridans that AM (JB)
           FL
      WKAZ
           WV
                Charleston, noted w/RR in WGRT null 1740 2/8, trace
                of what was believed to be WPEN. Friendly verifier
                currently (GDD) (What about WWJ--rce)
 960
                Prestonburg, 0600 1/31 w/PSA power, fair w/s/on (RK)
      WPRT
           ΚY
      KFVS
           MO
                Cape Girardeau, refular SSS catch hrd in WSBT null
                w/MoR and good sigs 1745 2/8 (GDD)
990
     WNOX
            TN
                Knoxville, 0442 2/1 good w/SID WONE slop (RK)
1010
     KXEN
                St. Louis, s/on 0800 2/9, no SSB, then into canned
           MO
                program, some WCFL slop. WCFL changed pattern at
                same time as KXEN s/on (rce)
      KDJW
            TX
                Amarillo, suddenly in w/ID only o/unid SS 0350 2/1.
                OC test (JB)
      3353
            ??
                UNID w/man sounding like Wolfman, 2225 1/30. Who??(JB)
1030
      KTWO
           WY
                Casper, good o/u SS 0210 2/1 w/MoR (AWO) 0200 2/1
                poor w/Nx followed by sports, QRM from Mexican (RK) UNID w/slow mx like HF, 0304 2/1 CFCN?? (JB) (yes-rce)
1060
      2???
            ??
1080**WNWI**IN
                Valparaiso, good w/DX test, 0300 2/6 (AWO) 0302 2/6
                w/IRCA special TT & march mx, was being killed by
                KRLD (RK) unn here but did need the sleep, hi (rce)
      KRLD
            TX
                Dallas, noted off every MM of late, is this a SP or
                just XR difficulties? (BWL)
1120
     KPNW
            OR
                Eugene, believed hrd SM 1/31 w/RR (EE) and for sure
                hrd 0303 2/1 w/TK w/much KFAB splash. Is KPNW NSP?(BWL)
1130
     WCAR
           MI
                Detroit, 0320 2/1, good w/talk about Apollo 14 (RK)
                good w/sports 2335 1/27 (AWO)
      WDGY
           MN
                Minneapolis, First time hrd on night pattern 0443 1/31;
                fady w/CKWX QRM w/20-20 NX & RR. Are they 50kw full-
                time now? (BWL)
1140**KLUC**NV
                Las Vegas, good to fair w/NX & RR o/u WRVA OC. Isn't
                KLUC daytime? 0310 2/8. ET w/spots! (AWO)
      WIXC
            TN
                Fayetteville, 0734-0749 2/9 C&W o/u WRVA, w/spots
                focusing mostly on Huntsville, AL, brand new stn (rce)
1160
     KSL
            UT
                Salt Lake City, 0104 1/30, better than normal (EH)
REMEMBER TO DOUBLE SPACE AND SHOW INITIALS ON ALL ITEMS SENT. THANKS!
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20 FEBRUARY 1970 MIDWEST DX ROUNDUP Page 8 EDITOR: Richard G. Evans DEADLINES: Thursdays.

FL

1180 VOA Marathon Keys, 1/31 w/Yankee Doodle u/WHAM s/on poor signal (RK)

1240\*\*KBIZ\*\*IA Ottumwa, unlisted f/c hrd strongly in WEDC null 0136-0145 2/6, first Sat. 1000 C.P.S. (GDD) probably a make up check (rce)

1250 WXOX MI Bay City, 0655-0700 2/9, C&W, several spots (rce) Pittsburgh, 2/5, poor w/wx, local GY stn nulled (RK) WTAE  $P\Lambda$ 

1260 WNDR NY Syracuse,  $0230\frac{1}{2}$  2/8 fair u/UNID TT w/SID (RK)

KOZE 1300 ID Lewiston, 0835 1/29 w/good signal (RKi) San Bernardino, strong w/C&W, "KC" slogans 0252 2/1\* 1350 KCKC  $\mathsf{C}\mathsf{A}$ 

NC WHIP Mooresville, 0305 2/1 w/NNRC special, MX & IDs, u/WSLR\* WGSW SC Greenwood; 2/9 s/on 0603½, very weak (rce) ///(RK)\*

1360 WBAY WIGreen Bay, 2330, very poor w/nx (EH)

???? ?? UNID w/RR mx only, hrd 0318 2/1 u/WSAI. Who?? (JB)

1380 KUDL KS Fairway, 0116 2/8, poor w/mx (EH) Brainerd, 0200 2/5 poor w/ID (RK) KLIZ MN

KSRV OR Ontario, w/poor signal 1/28 in early AM (RKi)

WA Everett; fair u/KGMS w/sports, then RR 0305 2/1 (BWL) KRKO

1400\*\*WMSL\*\*AL Decatur, 0146 2/5 w/ET, WNUS Nulled (RK)

\*\*WNUE\*\*FL Fort Walton Beach, in fair w/TT and IDs every 30 sec. 0425 2/1·(JB)

NIMW MN St. Paul, 0304 2/4, fair w/nx, WNUS slop (RK)

1440 KILO ND Grand Forks, 0202 2/4, good w/wx, then into s/off (RK)

MAN Winnipeg, 0354 2/8, fair w/SID (RK) 1470 CFRW

1480 KONI UT Spanish Fork, good on s/off, no SSB 2000 2/2 (BWL)

KGA 1510 WASpokane, on top 1956 2/3 w/CW mx, a rare one here since KMND usually dominates at SSS (BWL)

1520 KOLM MN Rochester, poor 1800 1/29 s/off u/KOMA (EH)

???? 3.3 Hrd w/distorted RR signal MM 2/1 w/KOMA off, 0310-0335 from non-existant to fair signals, unn WKBW or needed KYCA3 (BMT)

1540 WPTR NY Albany, 0043 1/31 u/KXEL poor w/SID (RK) good w/rr o/u KXEL 2351:1/27 (AWO)

1550 KKHI CASan Francisco, poor w/nx 0256 2/8 (AWO) **KXOJ** OK Sapulpa, s/off 1802 2/6, announcing PSA of 612 watts\* \*\*WBSC\*\*SC Bennettsville, exc. w/My Sweet Lord-George Harrison ET. 0244 2/8 (AWO)

1560 \* \* WSMD \* \* MD La Plata, ET noted 0025 2/6 u/WDXR, very poor, confirmed by phone call to station (rce)

1570 ?? 3333 UNID EE RR hrd poor u/XERF 0020 1/30, CHUB? (BWL)

1580 WCLS GAColumbus, 2009 2/3 fair w/promo (RK)

AVUW South Bend, about even w/WTTN 1745 2/5 during local spot; good sigs until s/off (GDD)

KZIA NM Albuquerque, hrd w/easy listening mx til 1946 s/off w/o SSB 2/2 (BWL)

KLTR OK Blackwell, 1911 2/3 w/wx, then into s/off. Slight CBJ and WCLS fair (RK)

???? 33 UNID s/off 1845 1/31, mentioning 500 watt power u/KLTR s/off. Rusk, Texas ? (JB) (who else could it be--rce) 1590\*\*WGRY\*\*MI Grayling, noted on r/c 0030-0100+ 2/6, but they called

it an ET (rce) KVIO 1600 AZCottonwood, poor in mess w/ID 2000 after Ac nx 2/3(BWL)

# REGULAR CHECKS VIA THE IRCA LIST:

1st MON: WEVA- 860 VA (AWO) lst FRI: KFVS- 960 MO (AWO)(RK) 1st TUE: KWRF- 860 AR (AWO)(RK)

WAMY-1580 MS (AWO) KSFA- 860 TX (AWO) KGAK-1330 NM (RK) KVOL-1330 LA (RK) WWGS-1430 GA (RK)

# REGULAR CHECKS (CONT.)

WFLI-1070 TN (RK) 1st WED: lst SAT: WEZJ-1440 KY (AWO) WEAG-1470 TN (AWO) KOLY-1300 SD (GDD) 1st SUN: KCII-1380 IA (EH)(GDD) 4th THU: WNPV-1440 PA (AWO) WMAY- 970 IL (GDD) KRGI-1430 NE (AWO) WDAN-1490 IL (GDD)

# A TIP OF THE HAT THIS WEEK TO:

JB - JIMMY BOYD, 9017 East 29th Court, Tulsa, Oklahoma, 74129

GDD - GARY D. DeBOCK, AdCom, NTC, Great Lakes, Illinois, 60088 rce - RICK EVANS, Box 2146, East Chicago, Indiana, 46312

EH - ED HOLZ, 7927 South Komensky, Chicago, Illinois, 60652

RK - Robert Kramer, 3406 West Pierce, Chicago, Illinois, 60651
RKi - RICK KING, 215 Marjorie Street, St. James 12, Manitoba, Canada
BWL - BLAKE LAWRENCE, Box 803, Canon City, Colorado, 81212

AWO - ALLEN W. OGRIZÓVICH, 2429 Schrage, Whiting, Indiana, 46394

### Rick Evans

I wasn't able to get to the gathering in West Lafayette, but was rather surprised to find it coming to me. Had nine different visitors, at one time or another, drop in here on 2/7. Was good to meet Tom Mc-Cormack and Steve Taaffe. But have to admit Andy Kwiatkowski was the big surprise! Andy, don't worry about waking me up on 2/9, that turned into my best SRS session in a long, long time. Only verie was v/q WMBS. Haven't really sent out a lot of reports this season. Will have to get on the stick soon, or I won't have a chance in the contests. Bill Nittler hit the nail square re taped veries in his comments of 2/6. This was one reason I oppossed taped veries in the contest. For personal reasons I would like to see the convention held in Toledo, but quite honestly, the crystal ball is so cloudy for the summer that I'm not sure if I could attend one in Chicago, hi. Would those guys reporting to me please the 24-hour clock (also known as Army time)? A couple this time didn't even specify AM or PM and I caught myself typing a 0600 s/off. I hate to guess, so make it easy for me, please. Don, the  $\overline{\text{rest}}$  is yous---30--- --73---

WHERE TO REPORT For new members not familiar with IRCA's setup, reports for DX Forum and Roundup are by region. Those whose local time is Hawaiian, and eastward to and including Pacific report to West Coast Forum and Roundup. Those whose local time is Mountain or Central report to Midwest sections. Those whose local time is Eastern and Atlantic report to East Coast sections. Disregard whether your state or area observes DT; if the time is called Central Daylight, rpt to Midwest; if it is called Eastern Standard (during summer), report to East Coast. Please do not make exceptions for yourself. Forum reports always go to the section to which your bulletin address would indicate. DX heard on a trip, if it is pertinent to another column, may be sent to that editor with the indication of where the DX was heard. If you do not agree with the established method, the solution is to submit a proposal for change.

Foreign DX Tip? Re: LBG's unIDed in this issue of DXWW. DEE DXed (don't anyone faint, pse) and hrd what is presumably the same stn. Time pips seem to match NHK2, 3 short lows and a long high. Language was definitely Oriental. Freq. not measureable. Easy even with XETRA slopover. Also, XETRA-690 was noted off MM 2/15, xxxx-0450, by Seattle group. DGC/BP/DEE et al heard KKUA. KKUA so strong in Riverside it was hrd on 6-transistor cheapie w/inductively coupled Sanserino box loop. CMBC was in there with nice sigs too. Let's have more foreign DX rpts. -DXer (?) DEE

DEADLINE: Thursday PM, eight days before publication.

ROBERT KRAMER - 3406 W. Pierce - Chicago, Illinois 60651 Hello. Next week you will see me in the blue pages of the ECDXR; no I'm not moving, but I will be reporting DX heard at TM's get-together 2/6-7 and W. Lafayette is on EST. I wish to welcome the new girls to the club; who doesn't, hi. Does v/f mean verie by form letter or verie after follow-up? (I've always taken it to mean verie by form letter, Robert. The other would be v/f/up. -LDB) I always use it to mean form letter. Latest veries: v/q after f/up XERF; v/q WVOK WDEE v/l WTSO(WKOW on WTSO letterhead, they hadn't changed calls yet.) & KWLA v/f WAAM WGUS KVOX v/l WORV( I forgot to list this one above) & bumper sticker. Thanks to GDD & Gary Makowski for dropping over on 1/24. 73. GARY HAMER - 402 Wheeler Drive - Waterloo, Iowa 50701 Hi!! After a long DX-less spell, I'm finally back. A little DX has been done here. v/q WGAR CHML KGYN PJB v/1 WTAF( $5\frac{1}{2}$  mos). Everytime I send to XELO for verie all they send me is a record album, no verie or letter with it. It's happened twice now. why? I have a quantity of KWWL SC's from May, 70, they're free for the asking and RP. RICK KING - 215 Marjorie Street - St. James 12, Manitoba, Canada Hi. DX season has been pretty lousy at my place for a couple of weeks. Nights are the worst. Got 1 new state, Oregon, by picking up KRSV in Ontario. Was in for only 5 min. Anybody out there got a Hallicrafter's Sky Challenger for sale, really cheap; or anything better than a Halli. S-38D. Totals now 65/127. Rovd no v/q but got v/l f/WNUS KRNT WIL WSW. Rpts out to KRSV KOZL. Has anyone got a spare schematic for an S-38D. I could use one. Any local Manitoba members can come to my place anytime except Wed. night. My most wanted states right now are: Nev, Ariz, Wash, & Miss. Most wanted stns are WCFL WWJ & WJJD. I'm going to try to build a 12 ft. long loopstick antenna. Think it's possible? 73's & down with locals & up with DX stations. (Rick, Ponca City is about 20 miles east of Hwy I-35 at about 20 miles south of the Kansas border. It's town of 30,000 or so & should be on most maps. -LDB) JOHN OLDFIELD - 11623 - 84th Street - Edmonton 20, Alberta, Canada Vancouver must have had a real hold on DEE. He answered his phone with "CKWX". It threw me for a second, too. Hey! It's 120 (count them) above zero; warm enuf to DX. I guess "Radio Tuk" is and will be for a long time, an "exclusive". Well, you can at least say you heard it FIRST in the IRCA. Besides Peru & Jamaica, all I've got is a great log on powerful NSP, C-FLU. I did tape CKRW 610 @ 900 miles for Yukon #3, and a half hour of CFYK-1340 Yellowknife(everyone's favorite graveyarder) 🐵 600 miles. Most of the tape has the wx for the "CBC MacKenzie Network". That's a million square miles of NWT weather, hi. If anyone has a tape of the old "Radio Americas" s/on in EE & SS, I'd sure love a copy. How does one love a tape? A minus 73 from CHEDmonton, CHARLES GRISE - 1134 Northwestern Avenue - W. Lafayette, Indiana 47906 Hi to all. DX here has been nil since Christmas when I did do a little serious DXing. My over-all totals for 1970 aren't worth mentioning. Recent veries: WAIK-1590, WHBL-1330, WGR-550 KLEM-1410 Radio Belize-834 CBEF-540 KCJB-910 WSJC-810. Totals are now 626/502, 44/44, 6/6, 12/10. As you might notice, I finally got my 500th verie. Over Purdue's semester break, some of my fraternity brothers and I drove to western Pa. Daytime radio there really hurts as far as good selection of programming. At night WCFL comes in better than it does here. Elections are coming up and I have this to say: I am currently on the BoD and enjoy this interesting and important position. However, since I will be graduating in the next year, I feel that I would not be capable of doing as good a job as I would like to, due to my uncertainty of plans in the next 2 years. Therefore, I will not be a candidate for the BoD in this election. and want everyone to know it. I doubt if anyone considered me for re-election any-

LYNN D. BROOKS - 2109 Mary Street - Ponca City, Oklahoma 74601

The plan mentioned by DF in 2/6 DAM to submit a city on west coast for convention for the sole purpose of dividing the vote is a bit on the "tasteless" side. If this is the only way to get the convention back East, then I'd say forget it. If we have more members in the West, then the West Coast will likely win the election. I would like to see the Easterners get a convention but not by such methods as suggested by DF. I personally think either of the 3 sites is okay, as I can't make it, hi. 73.

way, hi! 73.

Editor Bossli	r: Gran lne: 27 weeks	1971 WEST COAST DX ROUNDUP Page 11 to Manning, 4034 Ingraham St. San Diego, CA 92109 4-4233 Deadline: Fri. for next Sat. pub. Not over old by the time I type it! Use EST and format below.
540	CBXQ	
610	KVNU	(CA) UT Logan 2-6 2100 w/pgn by Lawerence Welk then nx. (DGC)
650	KORL	HI Honolulu fair u/WSM 2-8 0554. (WHH)
770	WABC	NY New York good @ 0550 2-8. (WHH)
800	KINY	AK Juneau w/mx and a good sig 1016 2-6. (KH)  Dominant w/AELO looped w/RR & s/off 0258 2-8. (CA)
	CKLW	ON Windsor 2-7, 0333 w/jingle & ID u/PJB w/usual RR. (DGC)
910	CFJC	BC Kamloops o/KYXI w/good sig 1020 2-6. (KH)
940	KGRL	OR Bend u/CJGX, very poor 1022 2-6. (KH)
1040	CJGX WHO	SK Yorkton fair w/mx 1023 2-6. (KH)  IA Des Moines noted AN MM 2-1, possibly back to SM
		SP? (CA)
1110	KBND	$\frac{OR}{to}$ Bend hrd 2000 2-7 w/mentions of power increase to 10KW. (CA)
1130	KWKH	LA Shreveport excellent 2-8 0621 w/mx & PSA (WHH)
1190	KRDS	AZ Tolleson surely the one W/CW & MST TC 0618 2-8 (WHH)
1290	KGVO KHSL	MT Missoula 2-7 0105 exc w/MOR & many TC's. (DGC)  CA Chico 2-7 0110 and other times m/w/KGVO w/RR.  (DGC)
1340	CKCR	BC Revelstoke 2-7 0206 dominant w/BC Hockey games, ID's as the "Big R" (DGC) (them & the big '93')
	CFKC	BC Creston 2-7 0357 dominant on freq after 0300,
	UNID	w/MOR S-to CKKC 1390, slight QRM f/TT below (DGC) 2-7 0352 TT very strong but voice weak, thus no ID, thot I hrd location as Livingston, but not sure. (DGC)
	KPRK	MT Livingston fair on r/c 0353-0400, 2-8. (CA) Hrd on f/c 0350 2-8. (BB)
	CFKC	BC Creston hrd @ 0400 w/ID & TC 2-8. (BB)
	KBBR :	OR North Bend 2-3 2235 end of nx w/spot f/Payless, and ID's as "Country KBBR" poor sigs. (DGC)
1370	KAST	OR Astoria fair at 0945, 2-6 (KH)
1380	KTOM	CA Salinas 2-2 0102 w/local nx & Am Ent. nx 0105, fair u/KRKO. (DGC)
1460	KENO	NV Las Vegas dominant on freq MM 2-1 w/rock & frequent SID's. (CA)
1470	KSEM	WA Moses Lake good u/KLEA 1035 2-6 (KH)
1480	KWEW	NM Hobbs, TENT the one hrd s/on 0756 1-31 w/SSB (CA)
1490	CJSN	$\overline{SK}$ Shaunavon hrd @ s/on 0800 2-7. (BB)
1550	KDEM KGAR	$\overline{\text{MT}}$ Dillon hrd at s/on 0804 2-7. (BB) $\overline{\text{WE}}$ Vancouver poor w/CW u/KHGO 0952 2-6. (KH)
ייעער	K3G0	UT Salt Lake City fair 0952, 2-6. (KH)
1570	KCVH	CA Lodi 2-7 2045 excellent on SSS w/SS message then EE s/off. (DGC)
1590	KLOU KTIL	LA Lake Charles barely on top w/RR 0611 2-8. (WHH) OR Tillamook o/KUUU 0950 2-6. (KH)
 =====		
Thank		
CA BB		k Albertson, Bellevue WA TRF' see page Block, Portland OR HQ-140
DGC		Ol-1-1-
WHH		Hein, Woodland Hills, CA HQ-180 and DXF from
KH	Ken i	Horne, Vancouver BC RCA 816-K Randy Jones.

\_\_\_\_\_\_

February 20, 1971 WEST COAST DX FORUM Page 12

Editor: Bob Jacoby, 556 E. Alvarado St., Pomona, CA 91767 (deadline Thurs.)

Steve Kamp - 6149 Monteverde - San Jose, CA 95120

Apparently all of the censorship lately is not DEE's fault -- a good portion of it is the work of about half a dozen intolerant persons. To the intolerant few who have caused much of this censorship to occur: (1) Is it any of your business if a certain Editor likes to drink wine?? (2) Is it any of your business if someone in the club likes to smoke marijuana?? (3) The occasional use of swearing should not bother anyone. If swearing does offend someone he should forget it in about an hour after reading the DXM--really don't think that someone should get all that uptight over an occasional word or two. DEE's comments in the 1/30 DXM abt offset printing: I'm certainly not opposed to offset printing if it proves feasible -- but I voted against Sullivan's amend-Sullivan's amendment is ill-timed. At present it is not feasible to I don't blame DEE for wanting to quit as he does have a very go to offset. hard job down there. However, I'll have to disagree with DEE's comments saying that DXM is lacking in DX value. In an average NRC DDXD (1/30/71), 150 tips were listed. In the three IRCA DXR's of average length (1/9/71) 350 tips were listed. This is three times as many as NRC has. DXWW has an average, I guess, of about 120 tips per issue; IDXD has about 175. DXWW needs more support. Wish some of y'all, especially Santa Clara County members (Dan Adams, etc.) would try foreign DXing. How about this fall when the TPs start coming in all over the dial? I can't see where "non-DX comments" are "disgusting". They do a lot to make DXM more personal. 73

Dave Christensen - 3434 39th W. - Seattle, WA 98199

Hi all. Hope that the avviversary issue is as good as past issues, everybody rpt so it will be! DX here is little, as I've been busy and haven't caught the DX bug since being back from SoCal (even if it was cold for you guys, I'll take 59° over 40° anyday, hi). (You were just here at the wrong time, Dave. A blistering 92° here today.-BJ) Latest veries include KUMA-1290 v/s James C. Bradley, v/fl & info sheet on KUMA & Pendleton, and KAST-1370 for DX w/Ken "Edwards" Gies as v/s, v/l+SC+v/q from KAST. KAST was very good test and from what the CE (also v/s) and PM tells me, they had abt 15 rpts, but I do wish they'd played the record I requested, hi. One last note, pirate stns & utility stns, even if they are within 530 & 1630 Khz, will NOT be accepted in any of the contests (nor will campus carrier stns). 73 and gud DX.

Edward B. Haden - P.O. Box 1372 - Rosamond, CA 93560

XTRA was definitely off on 1/28 in the early A.M. As a result I was able to log KEOS-690 in Flagstaff. They sent a fine v/l. The v/l says they operate with a daytime power of 1000 watts into a directional antenna system creating a cardiod pattern with the null to the south. At night they use 500 watts into another directional pattern closely resembling a three bladed airplane prop. Major lobes in the direction of northeast, northwest, and south. Their night operation started just before Christmas and I was the first to report them for "skip coverage". What did he mean by skip coverage? 73

Brian M. Scully - 1301 N. Wardman Dr. - Brea, CA 92621
HI EVERYONE. Guess I'll do my intro. I'm 13 and go to Junior High 8th Grade.
My rx is a Realistic DX 150A. Tnx to Ken Lyon and Tom Hartloff for the pcs.
I'm a novice DXer and all letters are welcome. Report to DXF. Where are all the WC DXers?? So I guess that's all for now folks. LA in 71,72,73, etc.
(Welcome to the Forum, Brian! Your reports are most welcome.-BJ)

Bradford Wall - 935 Colton Ave. #11 - Colton, CA 92324

Hi all. I don't have too much to report in terms of the MM hobby. Only veries in recently are AFNT-Taiwan and AFVN-Saigon (from Navy escapade), WPTR v/q, WKY v/q. Had a pleasant surprise the other evening while tuning WHAS for a BKB game. I accidentally hit Radio Belize for first time. It's a start. 73

Randy Miltier - 882 Pine Ave. - San Jose, CA 95125

I agree w/Dave Faulkner, this years' convention should be on the EC. The NRC will be in SF this year, so why have the IRCA just down the road when EC members would like to attend a convention this year? I think San Diego should drop their bid this year. "Perhaps a constitutional amendment is in order....." IRCA, where are you?

### INTERNATIONAL RADIO CLUB OF AMERICA

# Compiled by George W. Tanner

# CONDITIONS OF FREQUENCIES LIST

This is the latest edition of stations operating past midnight local time. The people who made this possible are Dave Christensen, Bill Hardy, Larry Godwin, Dan Sys, Gary Nuthals, Douglas Nyholm, Chuck Albertson, Robert Friedrich, George Sherman, Kevin Slater, and once again, top contributor, Jerry Robertson. My sincere thanks go out to each. Abbreviations used in this list appear on the last page of this. When supplying information for this list, please be sure that it is the normal schedule of the station in question, and not just an irregular occurrence. The silent periods given are by no means exact and may vary slightly from week to week or month to month. Any comments, corrections, additions or deletions should be sent to: George W. Tanner, 8349 East Cypress, Scottsdale, Arizona 85257.

## ALL TIMES EST

NOTE   La	540							רייטין ה	an+1							
WDAK	-	To		Off	4-47	0200 (	2600		OHU	NTV		Off	ММ	onlar Old	10-05	00
HOFAZ   Eeu					egrry.	0200-0	0000						8			
MATH   Mash   MSP																
NSP		Ecu	4	Nor	F .	Paristina -										
MART		0-7-6		NI OTO												UU
KOY         Ariz         NSP(Off MM only irreg)         Off Amn         Ont         NSP           GFNB         NB         NSP         CKY         Man         NSP           CMAN         Cuba         NSP         KFXD         Idaho         NSP           WSAU         Wis         NSP         WKAQ         PR         NSP(Off irreg)           KTSA         Tex         Off MM only 0300-0630         WIBW         Kan         NSP(Off iM only irreg)           KSD         Mo         Off MM only 0100-0600         KMD         Calif         Off MM only 0100-0800           KBOW         Mont         Off MM only 0200-0700         CKWW         Ont         Off MM only 0205-0400           KBOW         Mont         Off MM only 010-0545         WTAG         Mass         Off MM at 0000           CHNO         Ont         Off MM only 0205-0500         CKPR         Ont         Off SM only           CKPG         BC         Off MM only 0305-0900         CKPR         Ont         Off SM only           WKRC         Ohio         Off MM only 010-0700         KIKK         Ariz         Off daily 0300-0730           KKNVI         HI         Off daily 0500; 0600         SMCHS         W Va         Off daily 0205-0500 <td></td> <td></td> <td></td> <td>1. 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Χ.T.</td> <td>10 M</td> <td>UII</td> <td>daı</td> <td>.Iy at Ol</td> <td>too .</td> <td></td>				1. 1						Χ.T.	10 M	UII	daı	.Iy at Ol	too .	
CFNB							1			<b>~</b> .	177	37.073				
CMAN         Cuba         NSP         KFXD         Idaho         NSP           WSAU         Wis         NSP         WKAQ         PR         NSP(Off irreg)           KTSA         Tex         Off MM only 0300-0630         WIEW         Kan         NSP(Off M only irreg)           KSD         Mo         Off MM only 0100-0600         KMJ         Calif         Off MM only 0400-0800           KBOW         Mont         Off MM only 0200-0700         CKWW         Ont         Off MM only 0205-0400           KFYR         ND         Off MM only 0100-0545         WTAG         Mass         Off MM only 0205-0400           CHNO         Ont         Off MM only 0200-0600         UBBO         Fla         Off MM only 0105-0530           CKPG         BC         Off MM only 0305-0900         CKPR         Ont         Off SM only           WGR         NY         NSP(Off MM only irreg) KIKK         Ariz         Off daily 0300-0730           WKRC         Ohio         Off Mm only 0100-0700         CKUA         Albt         Off daily 0405, 0305 MM           KMVI         HI         Off daily at 0400         WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va					Off MM	only	irreg)							6.540		
WSAU Wis NSP WKAQ PR NSP(Off irreg)  KTSA Tex Off MM only 0300-0630 WIBW Kan NSP(Off MM only irreg)  KSD Mo Off MM only 0100-0600 KMJ Calif Off MM only 0100-0800  KBOW Mont Off MM only 0200-0700 CKWW Ont Off MM only 0205-0400  KFYR ND Off MM only 0100-0545 WTAG Mass Off MM at 0000  CHNO Ont Off MM only 0000-0600 UDBO Fla Off MM only 0105-0530  CKPG BC Off MM only 0305-0900 CKPR Ont Off SM only  WGR NY NSP(Off MM only irreg) KIKK Ariz Off daily 0300-0730  WKRC Ohio Off MM only 0100-0700 CKUA Albt Off daily 0405, 0305 MM  KMVI HI Off daily at 0400 WELO Miss Off daily 0200-0500  KENI Alas Off daily 0500; 0600 SMWCHS W Va Off daily 0200-0500  KENI Alas Off daily 0500; 0600 SMWCHS W Va Off daily 0200, 0100 MM  KIZ Colo NSP 590  KFQ Wash NSP KFTM Calif NSP  KMON Mont NSP KFTM Calif NSP  WHEN Tenn NSP CKFT CALIF DAIL BC NSP  WHYN Mass NSP CKFT BC NSP  WHYN Mass NSP CKFT BC NSP  WHYN Mass NSP CFTK BC NSP  WILL Cuba NSP  WILL Cuba NSP  KEAO Calif Off SM only 0500-0900 VOCM Nfld NSP  KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP  KTAC Calif NSP WEEI Mass Off MM only 0000-0600  KTAC Calif NSP WEEI Mass Off MM only 0000-0530									Military of					2.19		
KTSA Tex Off MM only 0300-0630 WIEW KSD Mo Off MM only 0100-0600 KMJ Calif Off MM only 0400-0800 KBOW Mont Off MM only 0200-0700 CKWW Ont Off MM only 0205-0400 KFYR ND Off MM only 0100-0545 WTAG Mass Off MM at 0000 CKPR ND Off MM only 0305-0900 CKPR Ont Off SM only 0105-0530 CKPG BC Off MM only 0305-0900 CKPR Ont Off SM only WGR NY NSP(Off MM only irreg) KIKK Ariz Off daily 0300-0730 WKRC Ohio Off MM only 0110-0700 CKUA Albt Off daily 0300-0730 MKNVI HI Off daily at 0400 WELO Miss Off daily 0200-0500 KENI Alas Off daily 0500; 0600 SMWCHS W Va Off daily 0200-0500 KENI Alas Off daily 0500; 0600 SMWCHS W Va Off daily 0200, 0100 MM KLZ Colo NSP S90 KFQ Wash NSP KGMB HI NSP KGMB HI NSP KKMN Calif NSP WHEQ Tem NSP CKNL BC NSP WHEQ Tem NSP CKEL BC NSP WHYN Mass NSP CFTK BC NSP WHYN Mass NSP CFTK BC NSP WHYN MASS NSP CFTK BC NSP WGAN Me Off SM only O500-0900 VOCM Nfld NSP KGM NSP WHYN MASS NSP CFTK BC NSP WHYN MASS NSP WFIL Penn NSP CFTK BC NSP WHYN MASS NSP WFIL PENN NSP CFTK BC NSP WHYN MASS NSP WFIL PENN NSP CFTK BC NSP WHYN MASS NSP CFTK BC NSP WHYN MASS NSP WFIL PENN NSP CFTK BC NSP WHYN MASS NSP WFIL PENN NSP CFTK BC NSP WHYN NSP CFTK BC NSP WHYN NSP CFTK BC NSP WHYN NSP CFTK BC NSP WFIL PENN NSP CFTK BC NSP WFIL NSP WFIL PENN NSP CFTK BC NSP WFIL OTH NSP CFTM NSP CFTK BC NSP WFIL OTH NSP CFTM NSP CFT						200			. T. y		. 5 1		2.	#T.		ATT W
KSD         Mo         Off MM only 0100-0600 KMJ         Calif Off MM only 0400-0800 KBOW         Ont Off MM only 0205-0400           KFTR         ND         Off MM only 0110-0545 WTAG         Mass         Off MM only 0205-0400           KFTR         ND         Off MM only 0110-0545 WTAG         Mass         Off MM only 0105-0530           CHNO         Ont         Off MM only 0305-0900 CKPR         Ont         Off SM only 0105-0530           CKPG         BC         Off MM only 0305-0900 CKPR         Ont         Off SM only 0300-0730           WRRC         Ohio         Off MM only 0110-0700 CKUA         Albt         Off daily 0300-0730           WKRC         Ohio         Off MM only 0110-0700 CKUA         Albt         Off daily 0300-0730           KMVI         HI         Off daily at 0400 WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va         Off daily 0200-0500           KENI         Alas         Off daily 0200, 0100 MM         WIS         Off daily 0200, 0100 MM           KIZ         Colo         NSP         KCMB         HI         NSP           KMON         Mont         NSP         KCMB         HI         NSP           WHEQ         Tenn         NS							, 1997 24 - 1997	-		PR						- 77,0
KBOW         Mont         Off MM only 0200-0700 CKWW         Ont         Off MM only 0205-0400           KFYR         ND         Off MM only 0110-0545 WTAG         Mass         Off MM at 0000           CHNO         Ont         Off MM only 0000-0600 UDBO         Fla         Off MM only 0105-0530           CKPG         BC         Off MM only 0305-0900 CKPR         Ont         Off SM only           WRR         NY         NSP(Off MM only irreg) KTKK         Ariz         Off daily 0300-0730           WKRC         Ohio         Off MM only 0110-0700 CKUA         Albt         Off daily 0405, 0305 MM           WKNVI         HI         Off daily at 0400 WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500, 0600 SMWCHS         W Va         Off daily 0200-0500           KENI         Alas         Off daily 0500-0500         WKTY         Wis         Off daily 0200, 0100 MM           KLZ         Colo         NSP         KCMB         HI         NSP           KMON         Mont         NSP         KFEM         Calif         NSP           KMON         Mont         NSP         KEY         Ont         NSP           WHEQ         Tenn         NSP         KEY         O																
KFYR         ND         Off MM only Ollo-0545 WTAG         Mass         Off MM at 0000           CHNO         Ont         Off MM only 0000-0600 UDBO         Fla         Off MM only 0105-0530           CKPG         BC         Off MM only 0305-0900 CKPR         Ont         Off SM only           WGR         NY         NSP(0ff MM only irreg) KIKK         Ariz         Off daily 0300-0730           WKRC         Ohio         Off MM only 0110-0700 CKUA         Albt         Off daily 0405, 0305 MM           KMVI         HI         Off daily at 0400 WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va         Off daily 0200-0500           560         WSP         WSP         Wis         Off daily 0200, 0100 MM           KLZ         Colo         NSP         KGFB         HI         NSP           KMON         Mont         NSP         KGFB         HI         NSP           KMON         Mont         NSP         KHAR         Alas         NSP           CKNL         BC         NSP         KHAR         Alas         NSP           WHEQ         Tenn         NSP         CKEY         Ont         NSP           W									. به درساست							
CHNO Ont Off MM only 0000-0600 IDBO Fla Off MM only 0105-0530 CKPG BC Off MM only 0305-0900 CKPR Ont Off SM only WGR NY NSP(Off MM only irreg) KIKK Ariz Off daily 0300-0730 WKRC Ohio Off MM only 0110-0700 CKUA Albt Off daily 0405, 0305 MM KMVI HI Off daily at 0400 VELO Miss Off daily 0200-0500 KENI Alas Off daily 0500; 0600 SMWCHS W Va Off daily 0215-0500 MKTY Wis Off daily 0200, 0100 MM KZZ Colo NSP 590 KGMB HI NSP CKNL BC NSP KFYM Calif NSP CKNL BC NSP CKEY Ont NSP ONT NSP WHILL Penn NSP CKEY Ont NSP WHILL PENN NSP CFTK BC NSP WHYN Mass NSP CFTK BC NSP WHYN Mass NSP CFTK BC NSP WGAN Me Off SM only 0500-0900 VOCM Nfld NSP WGAN Me Off SM only 0500-0900 VOCM Nfld NSP WIS SC Off daily 0105-0500 WPLO Ga NSP STO WVLK Ken Off MM only 0000-0600 KLAC Calif NSP WEEI Mass Off MM only 0000-0530								CKWW		Ont					05-04	00
CKPG         BC         Off MM only 0305-0900 CKPR         Ont         Off SM only           WGR         NY         NSP(Off MM only irreg) KIKK         Ariz         Off daily 0300-0730           WKRC         Ohio         Off MM only 0110-0700 CKUA         Albt         Off daily 0405, 0305 MM           KMVI         HI         Off daily at 0400 WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va         Off daily 0215-0500           560         WKTY         Wis         Off daily 0200, 0100 MM           KLZ         Colo         NSP         S90           KPQ         Wash         NSP         KGMB         HI         NSP           KMON         Mont         NSP         KFYM         Calif         NSP           KKON         Mont         NSP         KFYM         Calif         NSP           KKON         Mont         NSP         KFYM         Calif         NSP           KMON         Mont         NSP         KFYM         Calif         NSP           WHYD         Mass         NSP         NSP         NSP           WHYN         Mass         NSP         NSP           WI		ND		Off	MM onl	y Oll(	0-0545	WTAG		Mass						70H0
WGR         NY         NSP(Off MM only irreg) KIKK         Ariz         Off daily 0300-0730           WKRC         Ohio         Off MM only 0110-0700 CKUA         Albt         Off daily 0405, 0305 MM           KMVI         HI         Off daily at 0400 WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va         Off daily 0215-0500           560         WKTY         Wis         Off daily 0200, 0100 MM           KLZ         Colo         NSP         KGMB         HI         NSP           KPQ         Wash         NSP         KGMB         HI         NSP           KMON         Mont         NSP         KFYM         Calif         NSP           CKNL         BC         NSP         KHAR         Alas         NSP           WHEQ         Tenn         NSP         CKEY         Ont         NSP           WHYN         Mass         NSP         CFTK         BC         NSP           WGAN         Me         Off SM only         CMII         Cuba         NSP           WIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           VIS         SC <t< td=""><td></td><td>Ont</td><td></td><td>Off</td><td>MM onl</td><td>y 0000</td><td>0-0600</td><td>UDBO</td><td></td><td>Fla</td><td></td><td></td><td></td><td></td><td>05-05</td><td>30</td></t<>		Ont		Off	MM onl	y 0000	0-0600	UDBO		Fla					05-05	30
WKRC         Ohio         Off MM only Ollo-0700 CKUA         Albt         Off daily 0405, 0305 MM           KMVI         HI         Off daily at 0400 WELO         Miss Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va Off daily 0205-0500           560         WKTY         Wis Off daily 0200, 0100 MM           KLZ         Colo         NSP         KGMB         HI         NSP           KPQ         Wash         NSP         KGMB         HI         NSP           KMON         Mont         NSP         KFXM         Calif         NSP           CKNL         BC         NSP         KHAR         Alas         NSP           WHEQ         Tenn         NSP         CKEY         Ont         NSP           WHYN         Mass         NSP         CFTK         BC         NSP           WGAN         Me         Off SM only         CMII         Cuba         NSP           WIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           VIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           WULK         Ken         Off MM only 0000-0600         KIAC		BC		Off	MM onl	y 030!	5-0900	CKPR		Ont						76.1
KMVI         HI         Off daily at 0100         WELO         Miss         Off daily 0200-0500           KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va         Off daily 0215-0500           560         WKTY         Wis         Off daily 0200, 0100 MM           KLZ         Colo         NSP         S90           KPQ         Wash         NSP         KGMB         HI         NSP           KMON         Mont         NSP         KFXM         Calif         NSP           CKNL         BC         NSP         KHAR         Alas         NSP           WHEQ         Tenn         NSP         CKEY         Ont         NSP           WHYN         Mass         NSP         CFTK         BC         NSP           WGAN         Me         Off SM only         CMII         Cuba         NSP           WIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           570         WVLK         Ken         Off MM only 0000-0600           KIAC         Calif         NSP         WEEI         Mass         Off MM only 0000-0530	WGR	NY		NSP(	Off MM	only	irreg)	KIKK		Ariz		Off	dai	ly 0300	-0730	
KENI         Alas         Off daily 0500; 0600 SMWCHS         W Va         Off daily 0215-0500           560         WKTY         Wis         Off daily 0200, 0100 MM           KLZ         Colo         NSP         590           KPQ         Wash         NSP         KGMB         HI         NSP           KMON         Mont         NSP         KFXM         Calif         NSP           CKNL         BC         NSP         KHAR         Alas         NSP           WHEQ         Tenn         NSP         CKEY         Ont         NSP           WHYN         Mass         NSP         CFTK         BC         NSP           WGAN         Me         Off SM only         CMII         Cuba         NSP           WIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           570         WVLK         Ken         Off MM only 0000-0530           KIAC         Calif         NSP         WEEI         Mass         Off MM only 0000-0530	WKRC	Ohio		Off	MM onl	y Oll	0700	CKUA		Albt						
KLZ         Colo         NSP         590           KPQ         Wash         NSP         KGMB         HI         NSP           KMON         Mont         NSP         KFXM         Calif         NSP           CKNL         BC         NSP         KHAR         Alas         NSP           WHEQ         Tenn         NSP         CKEY         Ont         NSP           WHYN         Mass         NSP         CFTK         BC         NSP           WGAN         Me         Off SM only         CMII         Cuba         NSP           WIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           570         WVLK         Ken         Off MM only 0000-0600           KIAC         Calif         NSP         WEEI         Mass         Off MM only 0000-0530	KMVI	HI		Off	daily	at Olic	00	TELO		Miss						
KLZ Colo NSP 590  KPQ Wash NSP KGMB HI NSP  KMON Mont NSP KFXM Calif NSP  CKNL BC NSP KHAR Alas NSP  WHBQ Tenn NSP CKEY Ont NSP  WFIL Penn NSP CFNL BC NSP  WHYN Mass NSP CFTK BC NSP  WGAN Me Off SM only CMII Cuba NSP  KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP  WIS SC Off daily 0105-0500 WPLO Ga NSP  570  KLAC Calif NSP WEEI Mass Off MM only 0000-0600	KENI	Alas		Off	daily	0500;	0600 S	MVCHS		W Va		Off	dai	ly 0215	-0500	( 14 A
KPQ Wash NSP KGMB HI NSP  KMON Mont NSP KFXM Calif NSP  CKNL BC NSP KHAR Alas NSP  WHBQ Tenn NSP CKEY Ont NSP  WFIL Penn NSP CFNL BC NSP  WHYN Mass NSP CFTK BC NSP  WGAN Me Off SM only CMII Cuba NSP  KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP  WIS SC Off daily 0105-0500 WPLO Ga NSP  570  WVLK Ken Off MM only 0000-0600  KLAC Calif NSP WEEI Mass Off MM only 0005-0530	560				J					Wis		Off	dai	ly 0200	, 010	O MM
KPQ Wash NSP KGMB HI NSP  KMON Mont NSP KFXM Calif NSP  CKNL BC NSP KHAR Alas NSP  WHBQ Tenn NSP CKEY Ont NSP  WFIL Penn NSP CFNL BC NSP  WHYN Mass NSP CFTK BC NSP  WGAN Me Off SM only CMII Cuba NSP  KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP  WIS SC Off daily 0105-0500 WPLO Ga NSP  570  WVLK Ken Off MM only 0000-0600  KLAC Calif NSP WEEI Mass Off MM only 0005-0530	KLZ	Colo		NSP				590								
CKNL BC NSP KHAR Alas NSP WHEQ Tenn NSP CKEY Ont NSP WFIL Penn NSP CFNL BC NSP WHYN Mass NSP CFTK BC NSP WGAN Me Off SM only CMII Cuba NSP KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP WIS SC Off daily 0105-0500 WPLO Ga NSP 570 WVLK Ken Off MM only 0000-0600 KLAC Calif NSP WEEI Mass Off MM only 0005-0530	KPQ	Wash		NSP				KGMB		HI		MSP				251
CKNL BC NSP KHAR Alas NSP WHBQ Tenn NSP CKEY Ont NSP WFIL Penn NSP CFNL BC NSP WHYN Mass NSP CFTK BC NSP WGAN Me Off SM only CMII Cuba NSP KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP WIS SC Off daily 0105-0500 WPLO Ga NSP 570 WVLK Ken Off MM only 0000-0600 KLAC Calif NSP WEEI Mass Off MM only 0005-0530	KMON	Mont		NSP						Calif		NSP				
WHEQ Tenn NSP CKEY Ont NSP WFIL Penn NSP CFNL BC NSP WHYN Mass NSP CFTK BC NSP WGAN Me Off SM only CMII Cuba NSP KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP WIS SC Off daily 0105-0500 WPLO Ga NSP 570 WVLK Ken Off MM only 0000-0600 KLAC Calif NSP WEEI Mass Off MM only 0005-0530	CKNL											NSP				
WFIL Penn NSP CFNL BC NSP WHYN Mass NSP CFTK BC NSP WGAN Me Off SM only CMII Cuba NSP KSFO Calif Off SM only 0500-0900 VOCM Nfld NSP WIS SC Off daily 0105-0500 WPLO Ga NSP 570 WVLK Ken Off MM only 0000-0600 KLAC Calif NSP WEEI Mass Off MM only 0005-0530		Tenn										NSP				10 N/A
WHYN         Mass         NSP         CFTK         BC         NSP           WGAN         Me         Off SM only         CMII         Cuba         NSP           KSFO         Calif         Off SM only 0500-0900         VOCM         Nfld         NSP           WIS         SC         Off daily 0105-0500         WPLO         Ga         NSP           570         WVLK         Ken         Off MM only 0000-0600           KLAC         Calif         NSP         WEEI         Mass         Off MM only 0005-0530																narian in
WGAN         Me         Off SM only         CMII         Cuba         NSP           KSFO         Calif         Off SM only 0500-0900 VOCM         Nfld         NSP           WIS         SC         Off daily 0105-0500 WPLO         Ga         NSP           570         WVLK         Ken         Off MM only 0000-0600           KLAC         Calif         NSP         WEEI         Mass         Off MM only 0005-0530		Mass								BC		NSP	À			
KSFO         Calif         Off SM only 0500-0900 VOCM         Nfld         NSP           WIS         SC         Off daily 0105-0500 WPLO         Ga         NSP           570         WVLK         Ken         Off MM only 0000-0600           KLAC         Calif         NSP         WEEL         Mass         Off MM only 0005-0530					SM onl	v							1			
WIS SC Off daily 0105-0500 WPLO Ga NSP  570 WVLK Ken Off MM only 0000-0600  KLAC Calif NSP WEEI Mass Off MM only 0005-0530						0	0-0900									
570 WVLK Ken Off MM only 0000-0600 KLAC Calif NSP WEEI Mass Off MM only 0005-0530																
KLAC Calif NSP WEEI Mass Off MM only 0005-0530													MM	only 000	00-06	00
	Accress on the City	Calif		NSP												
	KLUB	Utah		NSP				WARM		Pa						<del>.</del>
CFCB Nfld NSP WRTH Ill Off 3rd NM 0100-0500															0-050	00
CMHI Cuba NSP WOW Neb Off MM & SM only													_		-	

	C	JF - 2		
590(cont)		640		
WDLP Fla	Off daily 0100-0545	CMQ	Cuba	NSP
WMBS Pa	Off daily 0200-0500	KFI	Calif	
WROW NY	Off daily 0100, 0000 MM	KET	OSTIT	NSP(Off Ist MM only
		<b>(</b> 50		0500-0600)
XEPH Mex	Off daily at O400	650		
600	The state of the s	KORL	HI	NSP
CJOR BC	NSP See that the second seed the second seed to be seen	WSM	Tenn	Off MM only 0100-0545;
CFOF Que	NSP			SM irreg
CFQC Sask	NSP	655		in dia kaominina <del>in dia 188</del> 1 dia mandria dia mandria dia kaominina dia kaominina dia kaominina dia kaominina dia Ny INSEE dia mampiasa mpikambana amin'ny faritr'i Austra dia mandria dia kaominina dia kaominina dia kaominina
CMKU Cuba	NSP	HCLG2	Ecu	NSP
WREC Tenn	NSP	660	Pather with the	
WPDQ Fla	NSP 4 PAGE THE THE RESERVE	KFAR	Alas	NSP
WCAO Md	NSP CHIEF CHARACTER AND	WNBC	NY	Off MM only 0130-0500
WICC Conn	NSP	670		OTT BILL OUT OF OCCOR
HJHJ Col	NSP	CMKP	Challe	NSP
KROD Tex	Off MM only 0200-0600		Cuba	
WTAC Mich		HJNX	Col	NSP
	Off MM & TM 0000-0500	WMAQ	Ill	Off MM only 0200-0600
WMT Iowa	Off MM only 0100-0600	KBOI	Idaho	Off daily 0235-0700
KOGO Calif	Off daily at 0400	<u>680</u>		
610		WPTF	NC	NSP
KILT Tex	NSP	CJOB	Man	NSP
KGGM NM	NSP	CJCN	Nfld	NSP
KFRC Calif	NSP	WCBM	Md	NSP
WDAF Mo	NSP	KBAT	Tex	Off MM only 0100-0700
WSGN Ala	NSP	KNBR	Calif	Off MM only 0400-0700
WIP Pa	NSP	WRKO	Mass	Off MM only
KDAL Minn	Off MM 0100-0700, SM	WMPS	Tenn	Off MM only
	0400-0830	WCAW	W Va	Off MM only
WTVN Ohio	Off MM only 0100-0500	CHFI	The state of the s	
WIOD Fla	Off MM only 0100-0500	690	Ont	Off SM only 0000-0700
WSLS Va	Off MM only 0000-0530		TTT	MODIO DO ARESTA
CKTB Ont		KKUA	HI	NSP(Off MM only irreg)
	Off SM only 0200-0740	CMBC	Cuba	NSP
CKRW	Off daily 0400-1000	XETRA	Mex	NSP(Off MM only irreg)
CKYL Albt	Off daily 0305, 0230 MM		La	NSP
620		WAPE	Fla	NSP
CKCK Sask	NSP	KHEY	Tex	Off MM only 0200-0600
WSUN Fla	NSP	CBU	BC	Off daily 0400-0900
KTAR Ariz	Off MM only 0200-0700	700	Alpha Colon yes	
KNGS Calif	Off MM only	WLW	Ohio	NSP
KGW Ore	Off MM only 0300-0900	710		
WTMJ Wis	Off daily 0200-0600	KBTR	Colo	NSP
630 11 11		KIRO	Wash	NSP(Off 4th MM only)
KHOW Colo	NSP	CJOX	Ont	NSP
CFCO Ont	NSP	WDSM	Wis	NSP
CJET Ont	NSP	WHB	Mo	NSP
CFCY PEI	NSP	WOR		
CHED Albt	NSP	KEEL	NY	NSP(Off MM only irreg)
			La	Off MM only 0130 irreg)
CKRC Man	NSP	KMPC	Calif	Off alt. MM only 0400
CMHQ Cuba	NSP	KGNC	Tex	Off MM only 0100-0600
KOH Nev	Off MM only 0300-0800	WGBS	Fla	Off MM only 0030-0530
KIDO Idaho	Off MM only 0207-0700	720	en de la Carra de la Carra La Carra de la	erina de la composición del composición de la co
KIDD Calif	Off MM only 0207-0700	CMGN	Cuba	NSP
KDWB Minn	Off MM only 0200-0600	WGN	III.	Off TM only 0200-0630
KXOK Mo	Off MM only 0300-0600	<u>730</u>		
WMAL DC	Off MM only 0200-0500	CKAC	Que	NSP
CKOV BC	ON SM until 0500	CKLG	BC	NSP
100		CX-10	Urua	NSP
# 12 -		CKDM	Man	Off SM, MM, TM only
		CHIR	Ont	Off MM only 0000-0500

51.0		-	0	
740	<b>m</b>	o <u>ll</u>	810(cont)	
KCMC	Tex	NSP - A COM	CHQR Albt	Off TM only 0200-0700
CMJL	Cuba	NSP ( ) ( )	WGY NY	Off FM only 0007-0500
KRMG	Okla	Off MM, SM only	820	
KSSS	Colo	Off MM only	HJED Col	NSP
CBX	Albt	Off daily 0305	WBAP Tex	Off MM only 0100-0555,
750	the state of the s			NSP soon?
HJDK	Col	NSP	830	WOF SOON!
KFQD	Alas	Off MM only 0500	AND PROPERTY.	nana. Natan
WSB	Ga			NSP 1981 STATE
760	ua.	Off MM only 0100-0500	WCCO Minn	NSP
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1 <u>111</u>	LT-8 Arg	NSP
KGU	HI	NSP	840 (	
CMCD	Cuba	NSP	CMHW Cuba	NSP Page 1
WJR	Mich	NSP(Off MM irreg)	HJBI Col	NSP
KFMB	$\mathtt{Calif}$	Off MM 0300, daily 040	OPRH-9 Braz	NSP
OXOH	Pana	ON SATM & SM only	WHAS Ken	Off MM only 0105-0500
770			850	OII IM OIII 0109-0500
WABC	NY	NSP	deline access	Contraction of the Contraction o
KOB	NM		CMKC Cuba	NSP
780	IVIII	Off MM only 0200-0700	HJKC Col	NSP
	01	1000 History (1980)	WRAP Va no side	NSP
CMON	Cuba	NSP STATE	KHLO THEHI Dree TABLE	Off MM only 0415-0945
KCRL	Nev	Off MM only 0400	KTAC Wash	Off MM only
WBBM	Ill	Off MM only 0100-0600	KOA Colo	Off MM only 0200-0700
790			WJW Ohio	Off MM only
KCEE	Ariz	NSP	WKIX NC	Off MM only
WTAR	Va	NSP	CKVL Que	Off SM only 0000-0600
WMC	Tenn	NSP		
WQXI	Ga	NSP		Off SM only 0400-0600
KJRB			KICY Alas	Off daily 0500-1200
	Wash	NSP	WYDE Ala	Off daily 0210-0545
KULF	Tex	NSP	860	198
ACA20	CZ	NSP	XENL Mex	NSP
KABC	Calif	Off MM only 0300-0800	KONO Tex	Off TM only
KGMI	Wash	Off MM only 0200-0900	CFPR BC	Off daily at 0400
KGHL	Mont	Off MM only 0200-0700	XEMO Mex	Off daily 0400-0830
CKSO	Ont	Off MM only 0102	870	
CFCW	Albt	Off MM only 0200-0800	CMII Cuba	NSP 1276 1879.2.
CHIC	Ont	Off MM only 2303		
WAKY	Ken			NSP AM TO
WAEB		Off MM only 0000-0500	WWL Louis	Off MM only 0200-0600
	Pa O	Off MM only 0000-0500	KAIM HI	Off daily 0505-0930
KWIL	Ore	Off SM only 0300-0830	880	
KFGO	ND	Off daily 0200-0600	WCBS NY	Off MM only 0105-0530
KCAM	Alas	Off daily 0400	, 890	
XERC	Mex	Off daily 0330	HJCE Col	NSP
WEAQ	Wis	Off daily 0200-0600	WLS Ill	NSP(Off MM only OlOO-
800				0600 irreg)
CKLW	Ont	NSP	. 900, a	
CJAD	Que	NSP	A. WHITE CO.	NOD
CMKL	Cuba	NSP		NSP
CJJC	BC		HJEY Col	NSP
CJLX		Off MM only 0300-0700	KFRB Alas	Off MM only 0500
	Ont	Off MM only	CJVI BC	Off MM only 0405-0800
CHRC	Que	Off MM only	CKBI Sask	Off daily 0300
CKOK	BC	Off daily 0400	910	AND THE RESERVE TO A STATE OF THE STATE OF T
CHAB	Sa <b>s</b> k	Off daily 0315, MM 021	5KIXI Wash	NSP
KINY	Alas	ON MM, SM only	KDEO Calif	NSP
PJB	N Ant	ON daily 0300	KISN Wash	NSP
810			KNEW Calif	MCD
KCMO	Mo	Off MM only 0100-0600	CFJC BC	NSP
KGO	Calif	Off MM & SM only	WRNL Va	
	→ waterda.d.	OTT THE GEOMETRY	ANTITATI AST	NSP(Off MM only OlOO-
				0500)

22.0/	. \					
910(c				950(cont)		
WORD	SC	NSP	14 P. C.	KRSI	Minn	Off MM only 0100-0700
WRCH	Conn	NSP				
		V · · ·		KSEL	Tex	Off MM only
YVRQ	Vene	NSP	· · · · · · · · · · · · · · · · · · ·	KIMN	Colo	Off MM only 0400-0700
KRRV	$\mathtt{Tex}$	Off M	M only	CFAM	Man	Off MM only until 0545
KGLC	Okla		M only 0000-0630	CHER		
KALL					NS	Off MM only
	Utah		M until 0700	WKAZ	W Va	Off MM only
CKLY	Ont	Off M	M only 0100-0555	WBBF	NY	Off MM only
WPFB	Ohio	Off M	M only	WWJ .	Mich	
WLCS	Louis		M only			Off MM only 0005-0515
				KPRC	Tex	Off SM only 0200
WSBA	Pa		M only	KDSX	Tex	Off daily 0105
KPHO	Ariz	Off S	M only 0200-0900	XEGM	Mex	Off daily 0400
920		1.5		WPET		
CJCH	NS	NSP			NC	ON daily 0400
				960		ngan di kacamatan di Kabupatèn Bandaran di Kabupatèn Bandaran di Kabupatèn Bandaran Bandaran Bandaran Bandaran Bandaran Bandaran Ba
CKCY	Ont	NSP		KOOL	Ariz	NSP
XELT	Mex	NSP		KABL	Calif	NSP
WGST	Ga	NSP				
				KOVO	Utah	NSP
WMEG	Fla	NSP		CFAC	Albt	NSP
KQEO	MM	Off M	M only 0200	CHNS	NS	NSP(Off irreg)
KOLO	Nev		M only 0300-0900			
				CMGL	Cuba	NSP
KORK	Nev		M only 0200-0800	WBRC	Ala	Off MM only 0100-0630
KXLY	Wash	Off M	M only 0200-0800	KALE	Wash	Off SM only 0300-0800
KARK	Ark	<b>ዕተተ</b> ኮ	M only 0100	CKWS	and the state of t	
WJAR	RI	OFF M	M 0000 0m20		Ont	Off daily 0200-0430
		OTT	M only 0000-0530	970		
MOKX	Wis		M only	KCHV	Calif	NSP
CJCJ	NB	Off M	M only 0000	KAKC	Okla	NSP
KELP	Tex		M only 0405-0700			
WMNI				CKCH	Que	Off MM only 0110-0550
	Ohio		M only 0300-0500	WAVE	Ken	Off MM only until 0500
$\mathtt{KDHL}$	Minn	Off d	aily 0300-0600,	WWSW	Pa	Off SM only 0300-0430
		MM Ol		WJRZ		
930		445			NJ	Off SM only 0100-0700
	<b></b>	*	7 (A)	WFLA	Fla	Off SM only 0100-0500
KITE	Tex	NSP		KQAQ	Minn	Off MM only 0105-0555
KHJ	Calif	NSP(O	ff 3rd MM only	KPUA	HI	Off daily 0505
	Million States of a	กรกก.	0800)			
CJCA	Albt		0000)	YAMW	Ill	Off daily 0127-0630
		NSP		WDAY	ND	Off daily 0200-0600
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				<u>980</u>	A Torrida	
WPAT	NJ	NSP		KMBZ	Mo	NSP(Off 3rd MM only
WBEN	NY	NSP				0100-0600)
WSOC	NC	Off S	M only 0100-0700	KFWB	0-1-6	
WKY	Okla				Calif	NSP(Off MM only irreg)
	OKIA	OIL	M only 0600-0800	CKGM	Que	NSP
940				CKRM	Sask	NSP
KHOS	Ariz	NSP		CFPL	Ont	
WFNC	NC	NSP				NSP
KIOA			M	CKNW	BC	NSP
	Iowa		M only 0200-0600	WONE	Ohio	NSP
KIXZ	$\mathtt{Tex}$	Off N	M only	WTRY	NY	NSP
KAHU	HI		M only 0400-0800	WRC		
CJGX	Sask	Off M	M only 0115		DC	Off MM only 0100-0530
		OTT	m onry orry	WITY	III	Off daily 0208-0630
WYLD	Louis		M only	990		
CJIB	BC	Off d	laily 0330	KTKT	Ariz	NSP
WINZ	Fla		M until 0555			
950		OLL D	עעעט בבטייים ייי	KTRG	HI	NSP
				KKIS	Calif	Off MM only 0300-0830
KJR	Wash		off MM only irreg	KTRM	Tex	Off MM only 0105
			0800)	WIBG	Pa	Off MM only 0000-0600
		0,000		ب کالمت	1 CL	OTT THE OUTA COUCHIONS
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WLOF WPEN				WNOX	Fla Tenn	
	Fla	NSP(C			Tenn	Off MM only
	Fla	NSP(C		WNOX		Off MM only

Editor: Father Jack Pejza, 3266 Nutmeg St., San Diego, Calif. 92104 Telephones: 714-282-0076 or 714-282-2184. Deadlines: Fridays, eight days before publication. Use GAT (EST + 5 hours) in reports, one side of page, preferably typed in order of frequency.

Report from Brazil- Claudio R. Moraes, Curitiba, Brazil 560 ??? UnID US station with good music SM 12/24 0636. MQAM, MFIE, WIS, or KLVI? Florida, St. Petersburg 1/13 620 **WSUM** 740 KCBS Calif., San Francisco, 1/25 760 ijJR Mich., Detroit, 1/MM 008 XELO Mexico, Cd. Juarez, 1/25 MM. 810 KGO Calif., San Francisco 1/25 MM after 0700 GMT under WCY, which had good and calm music, WGY easily loopedarDoes KCMO transmit on MA? (Sign-off time for KCMO is listed as 0600; s/on 1100 GMT on MM. Ed) 980 HJES Colombia, Cali, RadioEl Sol, MA 1/25 1000 WCFL 111., Chicago, 4M 1/25 1070 KNX? Calif.,Los Angeles, probably the one heard 1/13 under HJCG, Bogota with music, news, commentaries after 0500 with a news program at 0700. (KNX is an all-news station. Ed) 1090 MBAL Md., Baltimore, heard usually under Imparcial, Montevideo, CX-28, which is easily looped. A station in EE heard 0630 mm 1/18. Is it MBAL? Do they send on MMs? (MBAL is off 0530-1000 MM. You could have heard CHEC, XER3, or KING, perhaps. Ed) 1110 KFAB Neb., Omaha, heard on 1/13 and 1/25 with ID, news, good music. 1140 HJDL Colombia, Medellin MM 1/25. 1160 KSL Utah, Salt Lake City, heard 1/25 44. 1310 CFG/A Richmond Hill, Ont. 1/13. 1440 MOOK N.C., Greenville, heard 1/13. 1460 HJJH Colombia, Bogota, Nuevo Continente, heard 1/25 MM. 1470 XESM Mexico, D.F., heard MM 1/25. 1500 KB6Q Calif., Burbank/ Minn., St. Paul; KBBQ heard 1/27 0700 under KSTP. KSTP **KSTP** with good music program and woman announcer; KBBQ, with man announcer many jingles, etc. The only reception of either. 1510 MLAC Tenn., Mashville heard 44 1/25. 1530 KFBK Calif., Sacramento finally heard for 2nd time here on AM 1/25. At 0500 s/off of MCKY, KFBK noted in KGBT's transmission in SS, and after 0500, KFBK alone on the frequency. Spectacularly clear sound, with good intensity. Excellent program of good music, hi-fi sound. 1570 XERF Mexico, Cd. Acuna heard MM 1/25. 1580 XEDM Mexico, Hermosillo heard 1/25. Unidentified US stations heard on 1480 at 0730 (2 stations); 1430, with country and western music at 0500-0730; 1410, after 0600; 770 at 0730; 710, at 0740; 970, at 0510; all on MM 1/25. Others heard on 12/24 are 560, 0136; 1600, at 0000-0100; 1410, at 0000-0200--Hing?; 1480, 0000-0200--NRDM?; 950, 0000-0100; 1430, 0700-0800. Latest veries: MURL-1600; MCA-570; NIOD-610; MSM-650; MLH-700; MGBS-710; HOR-710, MSB-750; MJR-760; XELO-800; MGY-810; MBAP-820; MHDH-850; MWL-870; MINZ-940; KDKA-1020; KYW-1060; KRLD-1080; MTIC-1080; KMOX-1120; KWKH-1130; WMVA-1170; WRVA-1140' MHAM-1180; MOAI-1200; MGAR-1220; CFGM-1310; CKLN-800; MUNI-1410; KSTP-1500; KBBQ-1500 MTOP-1500; XET-990; XERH-1500; XEDM-1580. Totals: 845/198; States: 30/18; Provinces, 2/1; Countries, 40/24. I am waiting for the Condition of Frequencies list, which I asked for in December, and which was probably sent by surface mail. This promises me IDs and elimination of unidentified stations, and other possibilities in the future (Portland, Seatttle, Vancouver, Calgary, Honolulu, and other cities not heard in Curitiba.

Regular All-Night Stations heard in Curitiba 600 HJHJ Colombia, Barranquilla, Radio Libertad, 25 kw 670 LU9 Brazil, Mar del Plata, Radio Mar del Plata, 25/5 kw. 690 CX8 Uruguay, Montevideo, Radio Sarandi, 10/5 kw.

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780 YV90
              Venezuela, San Cristobal, 10 kw
790 LR6
              Argentina, Buenos Aires, Radio Mitre, 50 km.
820 HJED
              Colombia, Cali, La Voz del Rio Cauca, 50 kw.
840 PRH8
              Brazil, Sao Paulo, Radio Bandeirantes, 10 kw.
              Brazil, Porto Aegre, Radio Itai, 10 kw.
880 ZYH55
910 LR4
              Argentina, Buenos Aires, Radjo Splendid, 50 kw.
     YVRO
              <u>Venezuela, Maiquetia, Radio Aeropuerto, 10 kw.</u>
930 CX20
              Uruguay, Montevideo, Radio Montecarlo, 18 km.
950 LR3
              Argentina, Buenos Aires, Radio Belgrano, 100 kw.
960 PRF3
              Brazil, Sao Paulo, Radio Difusora, 10 kw.
990 LR5
              Argentina, Buerois Aires, Radio Excelsior, 50 kw.
1030 LS 10
              Argentina, Buenos Aires, Radio Libertad, 25/5 kw.
1040 PRG2
              <u>brazil</u>, Sao Paulo, Radio Tupi, 50 kw.
1070 HJCG
              Colombia, Bogota, Radio Santa Fe, 10 kw.
1090 CX28
              <u>Uruguay</u>, Montevideo, Radio Imparcial, 15 kw.
1150 LU6
              Argentina, Mar del Plata, Radio Atlantica, 25/5 kw.
1180 PRE3
              Brazil, Rio de Janeiro, Radio Globo, 50 kw.
1280 PRG3
              Brazil, Rio de Janeiro, Radio Tupi, 50 kw.
1330 ZYE25
              Brazil, Belem, Radio Liberal, 10 kw.
1340 PRH6
              Brazil, Belo Horizonte, Radio Guarani, 25/5 kw.
1360 ZYS86
              Brazil, Curitiba, Radio Independencia, 5 kw.
Listeners' Loggings- East Coast
      YCLX
              Venezuela, Caracas good under WKBN with hourly ID procedures 0500 1/26.
              (BRH) (next item also)
660
      HJJM
              Colombia, Cali with good signal, LA music, and Radio Uno ID 2/1 0630.
570
      ???
             UnID SS playing oldie US move and stage songs 1/27 0520. Ideas? (BRH)
825
      ???
             UnID SS here 1/27 0200-0400+ playing US and LA instrumentals alternately.
              Kept hearing "musical" during the hourly ID times. Part of slogan?
             Wish I could speak SS! (BRH) (TGTO and TIOS both have been reported in
             the past in this vicinity. Ed)
             Metherlands Antilles, Curabao has been noted several times the past few weeks carrying EE programs from Radio Nederland. On Sunday evening
355
      PJC2
             there is a program of classical music between 0100-0200 which has announced
             ments in EE and Radio Nederland ID. (AM)
965
      YNLU
             Micaragua, Managua with Radio Managua ID 0416 1/26 followed by LA vo cal
             music. (BRH)
1020
      HJDP
              <u>Colombia</u>, Neiva heard with Radio Colosal ID 2/1 0700. (BRH)
             UnID SS puzzler here with typical LA vocal music 1/27 0545+. Very good
1125
      ???
             at times and few announcements. All I could find are 2 1 kw'ers in MRTH.
             Interesting!!! (BRH) (Also 5 kw TISRHB, Costa Rica, and 1 kw HOF47,
             Panama are listed. Ed)
1506
             Anguilla. Finally got some laudio from this one on 2/6, 0050-0200 s/off.
             had mixture of calypso and pop music. Reception tough with a local 50
             kw on 1500, but newly added altazimuth feature to loop helped to take
             out MTOP. Am able to null them down to less than S6. Not enough for a
             report yet, but will keep trying, hi. (AM)
      ORTF
1554
             France, Nice had best signal ever heard from them on 2/4 at 0300. Was
             pegging the S meter and perfectly readable with receiver wide open. (AM) Mexico, DF s/off procedures in EE. Have they increased power or are they
1560
      XEVIP
             still at 500 watts night? Mere very strong. (BRH)
1578
      RAI
             Italy, Genoa strong every evening this past week. Has MoR before 0500,
             six pips and ID at 0500 followed by classical music. A good bet for
             Italy for those who have trouble with WHAS splatter on 845. (AM)
1586a ???
             UnID; music here 1/31 0445, but didn't stick around, as presumed it to be'
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West Germany, Munich, lots of carrier but little audio making it past the 1600 slop every night this past week. Good around 0430-0500. Have yet

to get enough details on this one to send a report. (AM)

WDR which is unneeded. (BRH)

1602 BR

Midwest

North Korea, Pyongyang, good carrier, poor audio, noted at 1350 2/5, but nothing here 30 minutes before. Similar carrier at the same time on 725, but no audio on this other North Korean frequency. (GM)

670 CH.. Cuba was AN MM 2/8 for a change with strong signals despite atmospheric

static. Caught ID at 0801. (LEG)

UnID. Something new and stronge here, possibly in the TP category. First 699.5 ??? noted as a het on MLM at 1320 2/5, smae het found next morning as early as 1230. Signal better on 2/8 MM when I had enlisted LBG's attention. The het and weak signal on E-W bearing heard as late as 1400 on 2/6 and 2/8, the hour when our locals switch to daytime patterns and powers, flooding 700 with images. Program seems to be US style easy listening music and LSG believes the station may be EE. Very difficult to isolate from WLW and local images, and need help from some far west of here who has uncomplicated reception of 700 and Far Pacific know-how. The station coincided with North Korean reception on 2/5, but was even better on 2/8 when there was no trace of North Korea. Maybe another Tarawa-like development. (GM)/UnID brought to my attention by GM. I'm 95% sure the language is EE, although I couldn't make out any individual words. Heard AM 2/8 1300-1400, best 1300-1320. Format is very western and reminded me of KOSI, KABL, etc. Man announcer had deep, sincere voice and occasionally there were 5-second interludes of harp chords. A woman spoke briefly at 1303. All music heard was string instrumental. Loop bearing seemed to be E-W, so a DU is a possibility. Didn't seem to be ABC formula, so doubt 2MR. HELP, PLEASE, WC members!! (LEG) (Between XETRA, KMPC, and CBU most of WC is pretty well covered. Richard Mood, or Art Peterson, can you give any help on this one?

844 VSZ 1 Gilbert and Ellice Islands Tarawa noted 0813 MM 2/8 although active thunderstorms in SE corner of US created a lot of static. But I found I could null the heavy static and get a readable signal from Tarawa. When I turned the loop to the place Tarawa is ordinarily the strongest. static drowned 'em out. Isn't this one loop feature generally ignored in loop

literature? (GM)

West Coast

650 KYAK Alaska, Anchorage 1/15 0720 fair to floor under MSM, with news, weather, and local spots. CM music. (DGC)

1380 XEKT Mexice, Tecate, B.C. uses "Radio Variedades" ID. Attention RFS. (FJP). Reporters

DGC Dave Christensen, Seattle, Mash.

LBG Larry Godwin, Englewood, Colo.

LBG Larry Godwin, Englewood, Colo.

BRH Bruce Heimburger, Port Huron, Mich.

GM Gene Martin, Denver, Colo.

Alan Merriman, Fairfax, Va.

ELP Your editor

FJP Your editor.

Verifications

912 YVRQ Venezuela, Maiquetia sent 1 1/2 page v/l from Jose Becerra Comenares. As far as I can tell, with my limited SS, he is the guy who was on the air when I made my tape. (AM)

1124 ... Libya, El Veida sent specific and well worded form letter for report of 9/30/70 when they were AM due to Nasser's death. All details. Received on 2/8. Signer is Nori El Sharif, Chief Engineer. Address: P.O. Box 119, El Beida. Verie mentions that the station on 1250 uses 1000 kw, not 1500, as mentioned in WRTH. (AM)

This is being typed on Thursday evening so I can get away for the 4 day Lincoln-Washington weekend. Just remember--the San Diego group is probably the best equipped and prepared of the three convention sites. Lots to see and do in California-we are still here--we haven't fallen into the ocean because of the earthquake. In all my years in California, I have yet to really feel one-- I was asleep for this one. 73.

Nice to see Vancouver BC back in the running again...I believe we (IRCA) have the <u>latest</u> DX tips available now, and from what I've seen of other bulletins, presented well too...keep it up guys! Appreciate your notes too! Sure like to see some of the <u>other</u> members report once in awhile!! See 4600 acre Mission Bay Park, offering a wide variety of water activities, in beautiful tropical settings at IRCA Convention '71...it's up to you!! San Diego weather (since I got it this week from all) lo 52, hi 87, beach tomorrow!

## WEST COAST DX FORUM

Randy Jones - 3720 Lusk Dr - Sacramento, Calif 95825
Hello the re! As some people may have noticed, if they put a Sacto.
station on the Roundup, (any of 'em) they may have received a PC.
I'll try to keep this up as long as I can afford postage. I try to
weed them out of the Forum, but will probably miss a few. Mant to
confirm that KXOA - 1470 changed call letters to KNDE. They did so
at midnight Jan 8-9 '71. (That's from the CE) That's all folks!
Gotta go make snowshoes for California Cadet Corps snow survival. 73's
(Randy! FORUM rpts to Bob, Checks, loose money etc to Grant...)

DK NECORDS: Explanation of symbols- TDV=total domestic veries, SV=States verified, PV=Trovinces verified, YM=year began DKing or year started at present location. \* indicates it's time to update in order to be included in the next listing.
HEXT INSTALLIBITS (deadline for #1 is three weeks from publ. date of this bulletin)
1)Verified Asia A Turope; 2) Heard Arkansas, Lova & Lowfoundland; 3)Verified Mass., Vest Virginia & Manitoba.

normal in light to know the college of the training the college of the college of

Ill names listed this time. Thanks gang, for making this the largest listing so far.

SPECIAL ANTOUNCE FIT: It has finally been decided to count taped veries in LX Records. Please observe the following guidelines when counting taped veries

1) Tapes can be for any length of time; however, they must contain at least two (preferably three) of the following: Call letters, location, slocan, frequency. This holds for both demostic and foreign stations.

2) Slogans for foreigners are pretty well known. In the case of domestics, a slogan must be relatively specific. T.g. "Boss Radio", "The Country Grant" etc are not ac optable. "Lissin" (for COM), "Trazer Valley Radio" (for ELTAVITAL) are obey.

3) Fetwork ID's, Paps, etc. are obay for foreigners if regular ID's are not available and in the tame contains a definite ID from another station on the frequency. For example, NHK pips with a 1000 or NITI ID underneath could count as JODE-030.

h) In all instances, a tape must be able to prove reception beyond all reasonable doubt. If unsure as to whether a tape should be counted, as! yourself that old question of questions, "If another DMer heard the tape, would be be satisfied that I had heard the station?" If the answer isn't yes, don't count it.

5) As is the case with contests and achievement awards, the DK records editor reserves the right to inspect taped and/or written veries listed on DK Records forms. That does it gang. goody K, and sunspots don't verify.... Take'er away Don.....

FBIS Lists The Foreign Broadcast Information Service informs IRCA (12/12/71) that "the 24th edition of BROADCASTING STATIONS OF THE WORLD, with information corrected to 1 January 1971, is now available from the U.S. Govt Printing Office. This publication is in four parts and lists all known foreign AM and FM radio and TV stations, as well as U.S. shortwave broadcasting stations.

Part I -- AM stns indexed alphabetically by country and city \$2.00
Part II - AM stns indexed according to frequency \$2.00
Part III - FI stns in two sections listed by country/city & by freq. \$1.75

Part IV -- TV stns in two sections listed by country/city & by freq. 32.75 Specify "PrEX - 7.9:971" and Part #. Order only from: Sup. of Documents, US GPO, Washington, DC 20402. Prices postpaid; send check or money order.

# DOLISTIC DE RECORDS

Editor: Bruce Portser - 14056 5th Avenue South - Seattle, Mash. 98163

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TDV SV PV
                                            ARKAHSAS
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1. David Thomas, Ohio
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3. Bill Bittler, Colo. *
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4. Gene Allen, Calif. *
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5. Ed Krejny, Ohio *
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6. Frank Theeler, Pa.
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7. Alan Merriman, Va. *
                               1107 19 10
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                                             9 KHRF
8. Ernie Wesolowski, Webr.
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                                                                         1 CBN-640
                                            21 NMRF-860 64 KBUR-1490
9. Charles Hrinko, H.J.
                                         8
                                910 45
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10.C.M. Stanbury, Ont.
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11. Larry Godwin, Colo.
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                                                                         1 CBN-6110
                                            23 KELD-14:00 14 KPIG-14:50
12. Jerry Starr, Ohio *
                                 783 50
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                                                                         1 CBT-540
                                               MGIR-1500 17 MWI-1140
13. Tom McCormack, Ind.
                                 721 50
                                            15 KIKUW-1190 23 KCOG-1400
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11. Fred Prechtl, Ohio *
                                675 Lil
                                            15 MPCA-1580 16 MCFI-1250
15 Francis C. Waldron, F.J. * 665 45 10
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                                                                         L CJOK
16. John Johnson, Myo.
                                612 11
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17. Rick Twans, Ind.
                                611 46
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                                            10 KBRS-1340 15 KBIZ-1240
18. Richard E. Wood, Hawaii
                                501 J.O.
                                             8 KVIN_1L00 8 KFJB-1230
                                                                                      67
19. John Oldfield, Alta.
                                497 42
                                        10
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                                             3 KTHS-1480 11
20. Bob Pistsch, Calif.
                                                                                      61
                                478 39
                                                           4 KOBO-1390
21. Charles Grise, Ind. *
                                1,67 1,3
                                             5 MMO-1050 23 MMM-1330
22. Randy lfiltier, Calif. *
                                425 40
                                             1 KAAY-1090 5 KCBC-1390.
23. Richard T. Eddie, No. *
                                h28 hz
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                                             9 KBIB-1560 22 KFAF-920
                                                                         ---
24. De Mayne Bruce, Australia * 127 43
                                             6 MMK-1240 19 MCII-1380
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25. Douglas Lyholm, Ariz. *
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                                415 41
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                                             2 KAAY-1090
                                                          7 KERI-1470
                                                                         1. CBY-990
26. Brother Al, Calif.
                                1,08 July
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                                             2 KTHS-1480
                                                          6 WOW-590
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27. Kevin Slater, Oregon 28. Ray Hartman, W.sc. *
                                395 38
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                                             2 KLRA-1010 L MCBC-1390
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                                             5 MIOZ
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29. Gray Scrimgeour, Ont. *
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                                380:50
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                                                             KCBC-1390
                                               KDDA-1560
30. David Rogers, Okla. *
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                                 387 li3
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                                             6 KALO-1250 12 KSTT
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31. Jon. E. Pearkins Jr., B.C. * 370 3h
                                                                                      64
                                             1 KAAY-1090 5 KSO-1460
32. Mary Garger, Mebr. * 351 42
                                             3-KHLR-1150 13-KBIZ-1340-
                                                                                      67
33. Andy Kwiatkowski, Ill.
                                31,8 1,3
                                             5 KVRF_360 1L KKGI_1360
34.Bruce Portser, Mash.
                                318 3l
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                                                           3 KIOA-Sho
35. Larry Abraham, Ifich. *
                                316 山
                                         8
                                             3 NFDF-1530
                                                           5 ETE-540
                                                                                      61
36. Tric. Tibbatts, Ont.
                                296 32
                                                                         CBH-640
                                                                                      69
                                         7
                                                MAX-1090
                                                             KDSN-1530
37.Dave Osborn, Tebr. *
                                292 37
                                             9 KHEA
                                                          28 KGLO
                                                                         _____
38. Raymond Arruda, Eass.
                                                                                      63
                                274 41
                                             2 KLRA-1010 2 KKEL-1540
39. Patrick Hartin, Oreg. *
                                21/1 36
                                                                                      6L
                                                           2 MCRG-1600
hO.Tom Jasinski, Ill. *
                                238 35
                                         5
                                               WJK-950
                                                          11 ECC-800
41. Jerry Robertson, 15ch.
                                225 31
                                                           7 TRAT-1350
                                             3 KBIB-1560
                                217 34
42. Gary Buthals, Wisc. *
                                         6
                                             1 KAAY-1090 9 KOEL
43.D. Gene Hattocks, Calif. *
                                         55
                                216 30
                                                           2 NCBC-1390
                                             _ ___
灿.Steve Kamp, Cal. *
                                                           L MII-600
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                                208 37
                                             2 KARK-920
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45. Hike "DOC" Mardester, Calif. 200 36
                                                                                      63
                                                           2 MMO-1040
46. Robert Bramer, Illinois
                                197 33
                                         6
                                                           8 KMT-540
                                                                                      70
                                             2 HTRF-860
                                183 33
                                                                                      63
                                                                         L CJOH-530
17. Quentin K. Brown, Ont.
                                                           3 MOG-1420
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h8. Father Jack Pejsa, Calif.
                                132 33
                                                           2 KKIL-1540
                                                                         ____
49. Steve Zimmerman, M.W.
                                177 28
                                         6
                                                           2 IIIIL-1540
                                                                         1 CBT-540
50. James Giegler, Gisc. *
                                17h 3h
                                             1 KAAY-1090 8 KCRG-1600
51. Bill Radsko, Ohio *
                                170 48 10
                                                                                      70
52 Fred Hendricks, Ill.
                                170 30
                                             1 KAAY-1090
                                                           2
                                                                                      6L
53.Gary Erupp, Pa.
                                163 34
                                         3
54. Sheldon Swartz, Mass. *
                                         6
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                                             1 ITHS-11:80
                                                             TOBC-1390
55.Dan Adams, Calif. *
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The Theel that squeaks the loudest is the one that gets the grease - Josh Billings

# Domestic DX Records

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56.Dan Sys, 3.9. *	153 2l:		1 M10-1040	
57. "Lone Ranger Albertson, Wa.	757 37	<u>L</u> į	1 150-10/10	60
				,
58. Dave Christensen, Wash.	功 30	5	1 KAAY-1090 1 IMO-1010	68
59. Bruce Tarr, Va.	136 32	3	1 XIRA-1010 1 VMO-1040	69
60. Peter Campbell, Bich.	133 31	),	1 KAAK-1090 3 KSO-1460	69
				0,
61. like Pawlowski, Ill. *	131 35	14	1 KAAY-1090 5 KIOA-940	
62.Bruce Bacon, Calif. *	123 32	4	2 KASI-1540	-68
63.Bruce McFadden, U.Y.	113 32	L	L MAYI-000	-68
64. John Richards, Calif.	111 28	14	2 KEL-1540	64
65.Fred Jordt, D.C. *	110 22	L	2 KIEL-1540	
66. Thomas Yingling Jr., 11d. *	109 27	3	2 KIEL-1540	
67. David Stroup, Calif. *	105 26	<u> L</u> ı	1 710-10/10	
63. Andrew Kwiatkowski, Ill. *	10li 3li	-	1 MARF-860 6 MAGB-1560	
	-	3		
69. Dave Geringer, H.T. *	. 99-27	7	l WCC l CFGB	
70.Robert Kramer, Ill. *	98 30	1	2 K/RF-860 2 W/T-600	70
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71.Richard C. Mayhow, Que.	ემ 23	5	2 KXEL-15h0 1 CBI-6h0	ОN
72.Randy Brickson, Ill. *	97 30	1	1 KAAY-1090 3 MIT-600	
73. Ken Horne, B.C.			1 -	6l.
		5		OL,
7h.Arvidas Jarasius, Ill. *	95 30	L,	1 KAAY-1090 & KEE-540	
75.Ben-Hur, Ill.	95 2h	2	1 KAAK-1090 7 KIOA-910	
				69
76. Michael Daniels, No.	92 39	1	1 KANY-1090 3 TAT-600 ··	07
77.Bill Haworth, Febr. *	- 92 3lı	3	2 NFSA-950 8 NDMH	ž.,
78.Dan Tyers, Chio *	88 34	3	L INCB-1300 3 WIIL-1330	
		-		<b>CO</b>
79. Phil Bytheway, Wash.	33 20	3	1 1710-10h0	- 68
80. Albert S. Lobel, Calif.	.86 35	7	]	66
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91. Meil Bartlett, Misc. *	36 27	2	2 NFDF-1580 11 NFC-860	
32.George Bryson, lich. *	85 2h	λ,	1 2	
33. Jerry Thatcher, Calif. *	82 21	3	2 11/11-15/10	70
84. Robert L. Weal Jr., Calif. *	80 36	5	1 .IGL-1.5h0	67
85.Dldon Luoma, B.C. *	80 13	3	1 IZZZI-1540	
86.Gary Mailey, No. *	78 28	3	1 MAAY-1090 3 MOC	66
				00
87.Gary Hamer, Iowa *	77 28	3	1 KAAY-1090 20 KOKX	
88.Bill Ritzel, Id. *	71 22	3	1 110-1040	
				70
89. Jim Adams, Calif. *	69 23	3	2 (20)	10
90.David Ming, La. *	67 26	2	li IOHS 2 VOI-640	
91.Gordon Hanson, Wash.	6h 2h		2 MIO-10h0	69
				0,
92.Rob Harrington, Colo. *	50 Y	0	]	
93. Tälke Mickel, To.	52 21	3	1 KANY-1000 3 KTEL-1540	68
94. Stephen Howe, N.W. *		2	3 3 3	
Arrogamen nowe, 1.1. 4	51 17	-		
95.Anthony Harks, Oreg. *	149 13	2	1 MIO-1040	
96.Charles Shryock, Mo. *	L8 23		1 KAAY-1090 3 KVLH	
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97.R. Heil McDougald, B.C.	1,8 11,			-05
98.Dennis Lee Cumpings, Pa. *	46 25	1	1 OHO-1040	
99.David Shapiro, Va. *	46 20	3		
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100.Larry Killick, B.C.	1,6 11;	14		69
101.Jeff Dayton, Webr. *	Li2 33	1	1 KAAY-1020 1 WHO-1040	
102. Dave Baumgarten, Colo.	30 10			70
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103.Roderick Corkum, F.S.	38 9	5	1 CDT-540	67
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- 10h lichael lewise Gelif		2	2 17 17 17 17 17 17 17 17 17 17 17 17 17	
104. Michael McKee, Salif.	36 20		2 VIIO-10/10	60
105.Paul A. Hill, Va.		1	2 K(ZI151,0	65
105.Paul A. Hill, Va.	36-20 33-24	1	2 K(ZI151,0	65 67
105. Paul A. Hill, Va. 106. Robert Buddenbohn, Nd.	36-20 33-24 30-11	1 0	2 KVZL-15h0	
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Nd. 107.I.P. Nohler, Iowa *	36-20 33-24 30-11 30-23	1 0 l)	2 KWL-15h0 1 KAAY-1090 1 WHO-10h0	67
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Iowa * 103.Marian Mly, Fla.	36-20 33-24 30-11 30-23 28-25	1 0 l <sub>1</sub> 3	1 KAAY-1090 1 WHO-1040 1 KAAY-1090 1 WHO-1040	
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Iowa * 103.Marian Mly, Fla.	36-20 33-24 30-11 30-23 28-25	1 0 l <sub>1</sub> 3	1 KAAY-1090 1 WHO-1040 1 KAAY-1090 1 WHO-1040	67
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Pohler, Iowa * 108.Marian Elly, Fla. 109.Steven Zimmerman, M.Y. *	36 20 33 2h 30 11 30 23 28 25 28 16	1 0 1, 35	2 KCEL-15h0  1 KAAY-1090 1 VEIO-10h0  1 KAAY-1090 1 VEIO-10h0  1 CBT-5h0	67 65
105. Paul A. Hill, Va. 106. Robert Buddenbohn, Ed. 107. I.P. Hohler, Iowa * 108. Marian Elly, Fla. 109. Steven Zimmerman, E.Y. * 110. Gregg Boye, Ohio	36 20 33 2h 30 11 30 23 28 25 28 16 25 19	1 0 1: 35 0	2 K(EL-15h0  1 KAAY-1090 1 MH0-10h0  1 KAAY-1090 1 MH0-10h0  1 CBT-5h0  1 KAAY-1090 1 MH0-10h0	67 65 68
105. Paul A. Hill, Va. 106. Robert Buddenbohn, Ed. 107. I.P. Hohler, Iowa * 108. Marian Elly, Fla. 109. Steven Zimmerman, E.Y. * 110. Gregg Boye, Ohio	36 20 33 2h 30 11 30 23 28 25 28 16 25 19	1 0 1: 35 0	2 K(EL-15h0  1 KAAY-1090 1 MH0-10h0  1 KAAY-1090 1 MH0-10h0  1 CBT-5h0  1 KAAY-1090 1 MH0-10h0	67 65
105.Paul A. Mill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Iowa * 103.Marian Mly, Fla. 109.Steven Zimmerman, M.Y. * 110.Gregg Boye, Ohio 111.Jeffrey S. Ames, M.J. *	36 20 33 2h 30 11 30 23 28 25 28 16 25 19	1043501	2 K(EL-15h0  1 KAAY-1090 1 VHO-10h0  1 KAAY-1090 1 VHO-10h0  1 KAAY-1090 1 VHO-10h0  1 KAAY-1090 1 VHO-10h0	67 65 68
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Iowa * 108.Marian Mly, Fla. 109.Steven Zimmerman, M.Y. * 110.Gregg Boye, Ohio 111.Jeffrey S. Ames, M.J. * 112.Richard Todd, Ont. *	36 20 33 2h 30 11 30 23 28 25 28 16 25 19 22 13 20 7	1 0 1, 35 0 1	2 K(EL-15h0  1 KAAY-1090 1 WHO-10h0  1 KAAY-1090 1 WHO-10h0  1 KAAY-1090 1 WHO-10h0  1 KAAY-1090 1 WHO-10h0	67 65 68 69
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Lova * 108.Marian Mly, Fla. 109.Steven Zimmerman, M.Y. * 110.Gregg Boye, Ohio 111.Jeffrey B. Ames, M.J. * 112.Richard Todd, Ont. * 113.Steve Driscoll, Calif. *	36 20 33 2h 30 11 30 23 28 25 28 16 25 19 22 13 20 7 13 12	101,350111	2 K(EL-15h0  1 KAAY-1090 1 VEIO-10h0  1 KAAY-1090 1 VEIO-10h0  1 CBT-5h0  1 KAAY-1090 1 VEIO-10h0	67 65 68
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Lova * 108.Marian Mly, Fla. 109.Steven Zimmerman, M.Y. * 110.Gregg Boye, Ohio 111.Jeffrey B. Ames, M.J. * 112.Richard Todd, Ont. * 113.Steve Driscoll, Calif. *	36 20 33 2h 30 11 30 23 28 25 28 16 25 19 22 13 20 7 13 12	101,350111	2 K(EL-15h0  1 KAAY-1090 1 WHO-10h0  1 KAAY-1090 1 WHO-10h0  1 KAAY-1090 1 WHO-10h0  1 KAAY-1090 1 WHO-10h0	67 65 68 69
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Lova * 108.Marian Mly, Fla. 109.Steven Zimmerman, M.Y. * 110.Gregg Boye, Ohio 111.Jeffrey S. Ames, M.J. * 112.Richard Todd, Ont. * 113.Steve Driscoll, Calif. * 114.Mike Guerin, Calif. *	36 20 33 2h 30 11 30 23 28 25 28 16 25 19 12 13 20 7 13 12 13 10	101,35011	2 KCEL-15h0  1 KAAY-1090 1 VHO-10h0  1 KAAY-1090 1 VHO-10h0  1 CBT-5h0  1 KAAY-1090 1 VHO-10h0	67 65 68 69
105.Paul A. Hill, Va. 106.Robert Buddenbohn, Md. 107.I.P. Mohler, Lowa * 108.Marian Mly, Fla. 109.Steven Zimmerman, M.Y. * 110.Gregg Boye, Ohio 111.Jeffrey S. Ames, M.J. * 112.Richard Todd, Ont. * 113.Steve Driscoll, Calif. *	36 20 33 2h 30 11 30 23 28 25 28 16 25 19 12 13 20 7 13 12 13 10	101,35011	2 KCEL-15h0  1 KAAY-1090 1 VHO-10h0  1 KAAY-1090 1 VHO-10h0  1 CBT-5h0  1 KAAY-1090 1 VHO-10h0	67 65 68 69