

DX MONITOR

PUBLISHED BY
THE INTERNATIONAL RADIO CLUB OF AMERICA

VOLUME 12 NUMBER 27 MARCH 29, 1975

BROADCASTING

DX CALENDAR DX CALENDAR DX CALENDAR

All times Eastern Local Time

Thurs. May 22 0300-0400	KVBR 1340	Brainerd, MN	1/.25 kw U1
Mon. May 5 0000-	WLXE 1190	Monroe, NC	.5 kw D1
Mon. May 26 0600-0800	KRIZ 1230	Phoenix, AZ	1/.25 kw U1

KVBR--programming will be TT, march music, possible CW IDs. Verie signer will be Mark W. Parsons, CE, KVBR, 1340 Ramsford Bldg, Brainerd, MN 56401. Arranged by Skip Dabelstein for NRC.

CPC Results and FLASH TIPS..

KBES-1540, Bellevue, WA has changed format from MoR to progressive rock, according to Bruce Portzer, and has applied for a call change to KZAM. They are now using IDs like "92 KZAM" (they are // KZAM-FM-92.5) and "Kazam" except for the compulsory ID at the top of the hour as KBES.

WSAU was not heard by Larry Flegle (FL).

WIMS was not heard very well because of interference from South of the Border; this from Flegle also.

WLSN, not heard by Flegle. WNEW had the frequency along with KWKH tests.

WIBU not heard by Flegle.

NEBRASKA DXERS GET-TOGETHER

Marv Robbins, the first president of IRCA, now an ex-member, is organizing a get-together of active DXers in Nebraska. The meeting will be April 20, Sunday, 2:30-5:30 PM CDT, at Commercial Federal Savings and Loan, 12255 West Center Road, Omaha. If members are unable to attend, but wish to remain "in touch", they may contact Marv at 6922 Spring St., #207, Omaha, NE 68106 or Rolland L. Lindblade, 1017 N. 90th St., Omaha, NE 68114. DXers of all kinds are invited--BCBers, SWBC, FM, TV, Utilities, etc. About half of those attending probably belong to one or more of the ANARC-affiliated clubs. The other half's names were obtained through other sources: reception reports to BCB stations, membership of RCI, Radio RSA, etc.

The group is making a determined effort to reach people who have an interest in DX but who don't know of the existence of clubs. Announcements were placed in radio stores and electronics dealers in the Lincoln and Omaha areas. An announcement will appear in the local newspaper about the meeting.

The group doesn't have a name as yet. It will be a state-wide group. Its purpose is not to supplant a DX club or to start a new one, but to get DXers together to keep them interested in DXing and to get them into as many ANARC-affiliated clubs as possible to keep that interest alive. There won't be any newsletters or bulletins; perhaps just a short letter or invitation to as many as have appeared on the list of names. The meetings will be moved around the state to allow as many as possible to attend these meetings.

NOMINATIONS

Nominations for club officers close on April 15. Send your choices for President, Secretary-Treasurer, and seven Board of Directors to Election Chairman George Jensen, 4604 Anntana Ave., Baltimore, MD 21206.

INFORMATION

Michael G. Worst, 4618 Fremont N., #104, Seattle, WA 981

From Information Canada

CBFK 590	40w	Murdochville, Que.	off air (see 1270)
new 680	40w	Fort McPherson, N.W.T.	granted CBQM
CBGF 710	40w	Fermont, Que.	new
new 860	40w	Clearwater, B.C.	granted CBKZ
new 900	40w	Donald Station, B.C.	" CBWD
new 900	40w	Geraldton, Ont.	" CBOJ
CBQE 920	40w	Fort Good Hope, N.W.T.	local studio
new 990	40w	Terrace, B.C.	granted CBWK (F)
CBLP 990	40w	Espanola, Ont.	local studio
new 990	40w	Maniwaki, Que.	granted CBFL
CBQR 1160	40w	Rankin Inlet, N.W.T.	local studio
new 1240	1-D 1/2-N	Baie Verte, Nfld.	granted CKIM
CBGD 1270	40w	Murdochville, Que.	new (see 590)
CBFS 1340	40w	Sanmaur, Que.	new
new 1490	40w	Hopedale, Lab., Nfld.	granted CBNN

Canadian Forces Stations as listed (all English)

CHAR 1340	40w	Alert, N.W.T.
CKBG 1340	40w	Bagotville, Que.
CKMA 1340	40w	Mont Apica, Que.
CHCL 1450	40w	Cold Lake, Alta.
GFAO 1450	50w	Armstrong, Ont.
CFHC 1490	20w	Holberg (San Josef), B.C.
CHIB 1600	40w	Chibougamau, Que.

Geomagnetic Indices

March 12-18 29 20 21 16 24 13 14

Radio conditions are expected to be quiet to unsettled until approximately 6 April, when conditions are likely to be disturbed for about five days.

The Inside Story

** Jim Pogue's debut as CDXR Editor
 ** NBC Joins the Multiple Network Radio Game-- Bill Hardy
 ** Network Scheduling-- Bill Hardy
 ** Tica-Teca List-- stations in Guatemala, Costa Rica, and Belize

** The Cryptic-Bleech Radio Club presents another issue of 37

WELCOME, ONE AND ALL(?)

In my remarks last week, I wondered if all newcomers felt the way our anonymous correspondent did; namely, that newcomers are made to feel unwelcome and unwanted in IRCA. There hasn't been time yet for responses to that inquiry to have been received, but I would like to take up the additional question-- what can we do to make newcomers feel an integral part of IRCA? On an individual level, more can write letters of introduction. When I joined IRCA, Tom Hartloff and Ed Krejny wrote me to welcome me and to tell me a little bit about themselves. It made me feel more than just a name on a sheet of paper. Why don't you try that with some of the new members who have been listed in the last couple months?

CONTINUED ON PAGE 379

eastern dx roundup

Editor: Mike Milock,
Box 533
Lorain, OH 44052

DEADLINES: 4/21; 5/12; 5/26; 5/23

- *****
- 560 WIS SC, Columbia noted 3/9 w/s/off at 0106. Apparent sked change. (ELK-OH)
 - 790 CKSO OH, Sudbury was noted on top 3/8 from 2243-45 w/race results, spot for A&A records and rock mx. (ELK-OH)
 - 850 WRAP VA, Norfolk, 3/10 voice ID & mx @ 0246 u/WRAP CC. (RA-VA)
 - *WKIX* NC, Raleigh good 3/10 on ET w/rock 0312-0400. Played "Emotion" 4 times, "Chevy Van" twice. Finally had SIDs around 0400. SS QRM. (PRM-NJ)
+ 3/10 0250-0330+ ET-OC & variety of mx. Excl S-9 signal. (RA-VA)
 - 910 KGLC OK, Miami fair o/WRNL/WGAF w/Nashville Album spot, ID 0320 and country mx. Call to stn confirmed. (PRM-NJ)
 - WGAF GA, Valdosta ID @ 0400 o/WRNL/KGLC as "91, WGAF Valdosta." Faded quickly into the pile. (PRM-NJ)
 - 920 CKCY ON, Sault Sainte Marie good w/rock, not country, 3/3 0055-0126. Alone after WJAR s/off 0100. (PRM-NJ)
 - 930 WBEN NY, Buffalo good o/unID rocker w/light rock, spot for CBS Mystery Theater, 0045-52, CBS mx, WPAT off. (PRM-NJ)
 - 950 WWJ MI, Detroit good 3/3 w/spot for University of Detroit and talk show 0131. (PRM-NJ)
 - CFAM MI, Altona tentative, had rock 0131-0135, ID sounded like CKCY 0135, 3/3 u/WWJ. No other C's listed on. (PRM-NJ)
 - WPEN PA, Philadelphia first noted back on AS here @ 2330 on 3/4. Nx @ :35 & 24 hours nostalgic '50s & '60s format. A check on MM 3/10 for SP & they do have one. (RA-MA)
 - 1090 CKRW OH, Kitchener-Waterloo-kiss another freq goodbye! Way on top w/a powerhouse sig 3/10 on AM show 0248-0310. Parallel to FK, although FM s/off @ 0307 this AM for maintenance. So this move is made! (ELK-OH)
+ 3/10, 0343-0346 first time heard on new frequency alone at this time w/fair signal w/ID & plug for higher power & into c&w. (RA-MA)
 - *RAAY* AR, Little Rock 3/10 ET-MA, ID @ 0237. Very good signal. (RA-MA)
 - 1140 *KLRP* OK, Oklahoma City on w/yet another ET 3/10 0229-45, but I finally hrd this one! Very strong w/c&w. (ELK-OH)
 - 1150 *WCP* MA, Boston, ID on ET 3/3 0014 way u/WRN, WNEW sloop and CKOC, played "Dancing in the Moonlight" & "Lady" 0014-17. (PRM-NJ)
+ 3/10 ET-OC-C&W 0217-0225 tune out. (RA-MA)
 - 1190 CHTN PE, Charlottetown 3/10 0124-0130, tentatively logged for first time very poorly u/Foreign w/MOR & female annor. No ID heard. (RA-MA)
 - 1210 *WCAU* PA, Philadelphia 3/10 off occasionally testing w/OC & TT; Have been off quite regularly as of late on XMs. (RA-MA)
 - 1310 WISE NC, Asheville 3/10 0325-0345 w/rrr, spots, "W-I-S-E, Big Wise" IDs. Gud sig. (LVP-FL)
 - 1330 **WHAZ** NY, Troy in surprisingly well on DX 3/10, 0149-0205. Code & voice IDs and c&w mx. Kucho WRGT/KPH QRM. (ELK-OH)
+ Good o/unID QRM on TEST w/country & gospel mx, fast code IDs and mentions of where they were heard, as far as Chicago, 0155-0248. (PRM-NJ)
+ 3/10 NRC TEST heard 0145-0205 w/c&w, voice & code IDs. Tough copy w/co-channel QRM from WNDH-1340 5 mi away. (RA-MA)
 - 1340 WOOK DC, Washington 3/10 good w/soul mx 0235-41 ID, getting to be a FM pest. (PRM-NJ)
 - 1360 **WLYN** VA, Lynn poor on DX w/code ID 0237, 1000 Hz tones. (PRM-NJ)
 - 1390 CHOC ON, Ajax 3/10 0057 s/off anncts & BSQ, very poor signal w/severe WFL QRM. (RA-MA)
 - 1400 WJOC VA, Portsmouth 3/10 0213-0217...briefly atop channel w/soul mx & loud DJ. Voice ID @ 0214. (RA-VA)
 - 1480 CHRD PA, Drummondville...Address is 449 Hériot (note accent!), Case Postal 250. Postal Code is J2B 1B4. (ELK-OH) (NOTE: Ed gives this for a NRC Log updater!...mrm)
 - 1490 **WIGM** WI, Medford 3/10 test tried, but not heard. (RA-VA)
 - 1580 *WEYY* AL, Talladega on w/ET 3/10 0137-40. TT and mx. Excellent sig. (ELK-OH)

PEN THE LIST
990 WCAZ IL, Carthage 3/10 r/c 0115-0120+ w/voice IDs & 1 kHz TT; u/WNOX. (RA-MA)
1480 WYRN NC, Louisburg noted w/TT-FC 3/10 0004-05 s/off. Fairly good sig. (ELK-OH)

BRUGHT TO YOU THIS WEEK BY:

(LVP)-Larry Fleagle/Tampa FL/R-388 & SK-2
(ELK)-Ed Krejny/Middleburg Hgts. OH/
(RA)-Ray Arruda/N. Dartmouth MA/SX-122 & SM-1
(PRM)-Paul Mount/Teaneck NJ/Panasonic RQ-446S

Next week is the last weekly issue...then we go bi-monthly, and then monthly for the summer. I will list deadlines 4 ahead of time. Deadline for next week is 4/7. That was a great anniversary issue! Hope we see a few more big ones this summer! Now that we're going to summer sked, I plan to do a bunch of DXing....haven't had much time this past winter! '73, and see you all next week!

* Sorry Mike, this is the last weekly issue. FJP.

central dx roundup

Editor: Jim Pogue
P. O. Box 972
Lafayette, IN 47902

THE NEW DERBY TIPPED THIS ISSUE TO:

- JA - JIM ALBRECHT, 3313 N. Weil Street, Milwaukee, WI 53212 (Sony CRF-5090)
- KDF - KARL FORTH, 630 Ardmore Street South, Villa Park, IL 60181 (HQ-160, SM-1)
- RK - ROBERT KRAMER, 3406 W. Pierce, Chicago, IL 60651 (HQ-129X, Inspid looking loop)
- JTP - NORMAN J. RAGAGPUS, Laffalot, IN (Zenith 7000-Y, SM-2)
-
- 600 WICC CT, Bridgeport, 3/3 0541 fair w/PSA, Ethen ID. (RK)
- 730 CHYR-7 ON, Leamington, 3/9 0240 fair w/Promo. (RK)
- 740*WMBG*VA, Williamsburg, gud on DX Test 3/17 w/rr mx, many ID's 0259-0310. (JTP)
- 900 WIAM NC, Williamston, 3/6 1940-45 poor-fair w/s/off during BKB game and innv. to tune to game on FM. No SSB (JA)
- 900*WEAS*GA, Savannah, gud to xlnt on 3/3 ET 0135. (JTP)
- 960 KOOL AZ, Phoenix, 3/15 0230-35 poor-fair w/cool radio promo. MoR mx. No sign of pest CKWS this time! (JA)
- 970 WWYO WV, Pineville, 3/3 0602 fair w/SSB and s/on. (RK)
- 980 KSGM IL, Chester, 3/11 0659 fair w/SSB Ethen s/on. (RK)
- 1110 KCIA NM, Humble City, 3/1 2037-2100 poor-fair w/CW mx to s/off using inst. song. A little QRM from KFAB. (JA)
- 1220*WAVN*MN, Stillwater, gud on 3/1 ET 0302 w/some WGAR QRM (JTP)
- 1230 WTBC AL, Tuscaloosa, 3/8 0325-38 poor w/loc nx & spot. CW mx. (JA)
- 1240 WINN KY, Louisville, Fair w/contest promo 0152 on 3/17, ID @ 0153. (JTP)
- 1330 WHAZ NY, Troy, 3/10 0211 poor w/DX Test code ID's. (RK)
- 1360*WLYN*MA, Lynn, 3/3 0243 fair/poor w/TT & code ID. (KDF) 3/3 0230 poor w/TT & code ID's. (RK) Only code ID hrd @ 0230 on 3/3 DX Test. (JTP)
- 1400*KEYJ*ND, Jamestown, 3/15 0123-35 fair w/ET TT, ID at 0125. (JA)
- 1410 WHLN KY, Harlan, 3/12 2138-36 poor-fair o/u WIZM on storm emerg. w/ID and storm info, inst. mx. (JA)
- 1450 WKLA MI, Ludington, 2/28 0927 in good w/ABC sports. (RK)
- 1450 WKLA MI, Ludington, 3/9 1830 fair-poor w/AM-FM ID. (KDF)
- 1450 KPIZ WI, Fond du Lac, 3/3 1809 good w/sx o/u WKLA (RK)

1450 WFPG NJ, Atlantic City, 3/10 0200 fair
u/UnIDed tester, w/ID then CBS nx. (RK)

1450 WDSC TN, Dyersburg, 2/24 0110 good w/jingle
& s/off (KDF)

1450*WHSC*SC, Hartsville, 2/24 0102 w/TT/ID
concluding rc. (KDF)

1460 WAXC NY, Rochester, 3/2 1912-1/2 good
w/wx. (RK)

1460 WBCU SC, Union, 3/16 good 0600 w/rooster
crows then s/on. (RK) (Egads-Ed!)

1470 CHOW ON, Welland, 3/3 0301 good w/nx. (RK)

1470 WVOL TN, Berry Hill, 3/3 0400 fair w/WVOL
Nx Watch. (RK)

1480 WABB AL, Mobile, 3/3 0118 fair w/SID &
soul mx. (RK)

1490 WOPA IL, Oak Park, 3/13 2259-2300 poor w/ID
after religious prog. This is my
closest unheard to date. (JA)

1490 WBCB PA, Levittown, 3/3 2243-52 fair-good
w/SID "1490 W-B-C-B" loc BKB scores
MoR mx. (JA)

1490*KORN*SD, Mitchell, fair on 3/10 f/c w/ID
@ 0156. (JTP)

1510*KMSD*SD, Milbank, 2/24 0443 w/C&W records
& ID on ET f/JTP tip. (KDF)

1560*WBUK*MI, Portage, gud on 3/17 ET 0109. (JTP)

1580 WKUN GA, Monroe, 3/13 2155-2100 poor-good
o/WCLS w/severe T-storm warning & ID,
inst. mx MoR. (JA)

1590*WAUB*NY, Auburn, 2/24 0208 fair w/WAKR
w/series of CW ID's. (KDF)

1610 KRUD TX, Borger, hrd 5th sub-harmonic of
the new super power SW "Radio Up and
Down" during CADX get together 3/16
0200. (RK, KDF, JTP)

.....

It is with a sense of humility, and a little
apprehension that I take over as editor of CDXR.
My two immediate predecessors, Charley and Rick
have both done such an outstanding job, I know
that I have quite a reputation to uphold. I
most definitely have a big pair of shoes to fill.
I doubt that there will be any major changes in
CDXR, since the present format seems to be work-
ing very well. I am always open to suggestions
though. One thing for certain, I will try my
best NOT to let the quality of CDXR drop from
its present high standard. The cooperation of
the many CDXR contributors will be appreciated
in this respect. Finally, deadline here will be
Wednesday. Thanks in advance to everyone in
CDXR-Land, and away we go!

Jim

NANCY HARDY, Editor
2301 PACIFIC AVE.
ABERDEEN, WA 98520

western dx roundup

Deadlines: April 4, April 16, April 30, May 14

Reporters for this issue:
(pb) Philip Bytheway-6635 57th NE-Seattle, WA
HQ-150, SM-1
(BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA
Lafayette HE-30, SM-1

580 WIBW KS, Topeka 3/4 during KFMD regular SP
w/ C&W mx & quick ID between songs 0522
o/KMJ but not for long. (pb-WA)

580 WKUA AB, Edmonton finally hrd much wanted
stn w/CL mx 3/4 0426, s/off at 0458
w/YL and no anthem, much slop from KVI-
570. (pb-WA)

660 KSKY TX, Dallas 2/17 0726 w/nx into inspir-
ational mx 0729, fair-barely above
static level tho. (pb-WA)

790 *KFGO* ND, Fargo 2/10 r/c w/TT 0244, ID at end
of TT 0245 "This is KFGO, Fargo..."
o/u KGMJ, etc. (pb-WA)

910 KEGN ID, Caldwell 2/10 on SSS w/relig. prgm
& s/off 2015, KIXI nulled, o/u KISN.

950 KPRC TX, Houston 2/24 finally, KJR (pb)
off past 0600 when KPRC s/on 0559 1 mi.
before KEGM s/on. (pb-WA)

March 29, 1975

960 *KAVER* CA, Apple Valley on for DX test 2/10
w/GM & ID 0325, seemed to be on past
0330 was way u/KOVC, KABL. (pb-WA)
(GM?? General Manager? Good Morning?
Grant Manning??-NH)

970 KCIN OR, Portland 3/16 was off this SM at
least 0715-0815. (BH-WA)

1010 *KBLA* LA, DeRidder r/c 3/3 w/faint TT u/mess
called stn & had breaks put in TT for
ID at 0651. (pb-WA)

1180 WLDS IL, Jacksonville 3/3 w/nx 0709 into
JEW mx 0710. Called stn & talked to
DJ, blew his mind. At 0718 he ment.
that I had called, only 500 w. w/PSA.

1240 *KTHE* WY, Thermopolis in like a ton (pb)
of pirenna chewing its way thru
everything for DX test 2/24, s/on
0300 "This is KTHE 1240 khz in
Thermopolis, Wyoming..." (pb-WA)

1240 LPRT BC, //CBU hrd 3/10 0501 w/Oh Canada
77 to CBU at s/off, checked // twice
to confirm. (pb-WA) (There are two
LPRTs relaying CBU on this freq.-NH)

1290 WHIO OH, Dayton tnx to tip from BH tried
at 0305 2/27 & hrd this one w/MOR
mx atop the slop from KOL-1300.(pb)

1340 *KPGE* AZ, Page 3/1 on r/c w/faint TT call-
ed and had CE out breaks in TT at 0319
and 0320 for ID. (pb-WA)

1340 *KPRK* MT, Livingston f/c 3/10 0348 w/TT off
0400, very weak o/u KYLT. (pb-WA)

1340 *KWOR* WY, Worland f/c 3/10 0230-0240 w/IDs
0234 & 0237, TT was good o/everybody
only ID hrd was at 0240. (pb-WA)

1350 *KTMJ* TX, Jasper finally hrd r/c 2/17 w/TT
way u/KRMT, called stn & had CE out
break in TT 0644, test ended 0645 so
I just made it. (pb-WA)

1380 *KZUL* AZ, Parker 3/1 r/c two days before DX
test, w/TT & ID 0303 w/KRMO slightly
nulled. (pb-WA)

1450 *KSIW* OK, Woodward 2/28 r/c w/TT 0156 called
stn & CE ran special test for me at
0201 after r/c 15 sec. tone, off for
5 sec then on & off the air. Hrd all
breaks distinctly. (pb-WA)

1490 *KYOA* AZ, Sedona r/c 3/1 w/TT 0310 called stn
& had break out in TT at 0314 for ID.
Said they would verify w/o a rpt from
me! (pb-WA)

1490 KOFE ID, St. Maries hrd quick ID 3/10 thru
mess 0142. Didn't know this one had
moved to 1490 until Jon Orren told me.
(pb-WA) (They've been dark for awhile-
CO, Littleton 3/16 0759 ID on NH)

1510 KDKO "The All-Night Soul Experience," many
long jazz cuts, during KGA's weekly
3P. Poor sig, w/distant QRM which was
probably WLAC. (BH-WA)

1580 *WOCR* IL, Urbana BP, JJ & I hrd TT 2/24 0305
confirmed it was their r/c by phone
call & had break in TT 0314. (pb-WA)

1590 KPRT MO, Kansa City hrd w/very weak s/on
0702 2/17 w/ment of KPRT & Kansas
City. Barely above mess. (pb-WA)

1590 KYOK TX, Houston tnx to tip from JFO
hrd 2/13 w/ID 0418, o/u WAKR in
semi-null of KLIV. (pb-WA)

1600 *KYAL* TX, McKinney-Plano r/c 2/17 w/TT
0652, ID at end of r/c 0658 very
weak & barely audible. (pb-WA)

If it weren't for "Full of it Incidentally"
this would have been a mighty small column.
Phil, by the way (hi), wanted to use "FI"
as his initials this time, but I decided it
might be too confusing so I left it "pb".
Guess this is the last of the weekly issues.

EDITORIAL--CONTINUED FROM PAGE 377

On the club level, what can we do in the pages of DX Moni-
tor to get newcomers more into the heart of things? We're after
your suggestions. Because of the regular push each week to get
the bulletin to press and into the mail, the publishing staff
doesn't usually have much opportunity to sit down and toss
ideas around. Your ideas can stimulate our thinking processes
so that we can continue to work toward making DX Monitor the
type of bulletin that you want.

John Tracey - 462 South Ave. - Fanwood, NJ 07023
 Hello DXers. Since I haven't been in the white pages recently I decided to drop a line and let you know I'm still alive. First off I'd like to give a belated tnx to Richard Eckman for IDing Surinam 640 kHz for me. You wouldn't expect to find Hindustani spoken in S. America. I recently bought a used U-831 from Rich Shaftan which seems to work pretty good. I was surprised to find out that there was a DXer w/my name who founded NRCI which is now IRCA. Sure is strange. I hope to attend the Youngstown get together at the end of the month, I'd like to meet some new faces there. DXers are welcome to call at 201-889-4127. 73s

Wayne Murphy - 1411 Phyllis - Louisville, KY 40215
 Hi gang. Just joined the IRCA so an intro is in order. I'm 18 & a sophomore at Bellarmine College here in Louisville. My rx is a HQ-129X w/a 4' loop. Been DXing for close to 2 years & a fairly active member of the NRC since August, totals are 952/40/5/15 as of 3/15. Not much of a QSLer though, as totals in that department are 5/5/0/1. I mostly rely on tapes, totals there are 154/36/3 and only send reports to strong tentatives. I hope to be seeing a lot of you at the Columbus convention this summer. Right now it looks like 4 or more of LADS (Louisville Area DXers) will be there. Louisville may bid for '76 NRC Convention, and if unsuccessful, may try for the IRCA's. Hope to be contributing a lot in the future, but being a college student, well . . . Appreciate all correspondence, I'm usually a quick replier. 73

Ray Arruda - 6 Wilbur Ave - N. Dartmouth, MA 02747
 WFEN was noted here for first time on RS 3/4, 2330. I checked for a SP on MM 3/10 & they were off so I guess they will have one just as the old facility did. Among the DJs are Paul Cassidy & Geoff Fox. News is at :35 & they are 24 hours w/a nostalgia 50s & 60s good ol Rock & Roll format. Briefly on MM 3/10: WIGM Test tried but not hrd. KHLB Test not tried. WHAZ was hrd & report sent, WKIX had ET 0250 to 0330 tuneout w/an excellent S9 signal. And 4 new stns were added to the log to make a total of 955: CKKW CHTN (tentative), CHOO, & WWOC. Veries have come back from WEJL for Test & v/qs from WENE & WJDM. WJDM's new address per recent verie is: James Malespina, CE, WJDM, 9 Caldwell Place, Elizabeth, NJ - 07021. Happy Anniversary IRCA...may there by many more.

Brian L. Cartwright - 106 Leila Street - Johnstown, PA 15905
 I found part 1 of Charley Taylor's article on the Indianapolis pirate operations very interesting. Not being involved w/BCB until the beginning of this decade, I've had little knowledge of that particular time period. However, some of the things that I do know about a local pirate & a few other contemporaries are as follows. WKQQ-1580 was scheduled to come on the air apparently in June of 1974. However, problems arose with obtaining the transmitter and the whole project was scrapped. At that time WKQQ employed 3 people, had a proposed format of pop/rock LP & a power of 250w. A large tape collection was established & several tape recorders, a mixer, broadcast mike, CB transmitter link, and other things were all planned. The only publicity this got was around our junior high school. However, by July a FCC officer was knocking at the house that was to house the studio, asking if any illegal AM station was in operation! On Feb. 25 of this year, I was casually listening to Super CFL when all of a sudden at 2315 I could here 'Fire' by the Ohio Players in the background. I checked to see if it was WNOX, to discover that the signal was on 1000. With the radio looped N/S it totally wiped out CFL. The record ended at the same time that the one on CFL did. Then there was dead air while Don Girardeau read a spot. As soon as his record started, there was a very nasal & sarcastic sounding 'Super CFL' emitted from the unID. Then they started into another song, and after 10 seconds ended as abruptly as it had started. I have hrd WGBU-1580 in Lowell, MA w/50w, and they were also verified by phone as well as also being monitored

by Shel Swartz & Tim Saltmarsh about 2 years ago at Tim's place in NH. Shel has also been involved in operations of WCBQ & WTXR, both on 1580. Up to 1661 heard and 49 verified now. 73s

Rick Shaftan - 60 Gramercy Pk. - New York, NY 10010
 Buenos Dias Amigos -- annual re-intro: am essentially 17, a junior at Trinity School here in "beautiful" NYC. Have been DXing since 11/71, BCB since 12/72. Am also in the NRC. Equipment here is an HQ-140X, SM-2, HD-11 q-multiplier, tape recorder, signal calibrator & Phillips portable for LW as well as "field use." Phone company buried down & no phone here for 6 weeks or so-- donations welcome, hi. Sorry about my comment in 3/1/75 DXM. WNBC & WCBS aren't in NJ--WINS, WNEW, & WHN are! WSNG no show 2/14 but on 2/17. WCRV no--WSRF ET, WEJL hrd, WBFN hrd, called, DJ mentioned call from Tampa, guess who? KCRL no show, 1 kc tone noted but was a het from CWJN on 781! Called to see if on but no answer. (One line omitted, material belonged in EDXR-Brh) To kill any pro case for written veries--an area DXer told me over the phone that he has veries from KGOS-1490 & KBCI--(expletive deleted)he heard them w/ KGOS' sked. or several miles from WNBC. Y'all were getting me over KFAR & DDR 1570(verified)-- actually CHLO per IDX. See y'all at YAD. 8561

~~~~~Editor: John Zondlo  
**central dx forum** 608 N. Martin  
 ~~~~~Muncie, IN 47303

David Peterson--800 Humboldt Ave.--Winnetka, IL 60093

I haven't contributed anything here for a while, so I guess it's time for the annual re-intro. I'm 16, been in the club for a little over four years & started to DX in 1970. I have about 1130 heard, 550 verified. I'm also a member of CADX (maybe I should be saying former member, as nobody seems to know if they still exist, hi.) It's been a pretty good season, and I've been especially impressed by the number of DX tests that have been on. Hats off to the CPC's. A few months back I attended the now-infamous Bob Kramer Holiday Get-Together, where I enjoyed meeting several DX'ers. I'm looking forward to the convention, which I hope to attend. I've sent out a number of bumper sticker and coverage map request recently, with excellent results. If you want to get better returns, try doing that instead of sending for veries. I'm sorry to see JCK go as CDXR editor, because he has done a tremendous job with the column. Best veries lately: v/1 KADL-1270 CKAP-580 KQCA-1110 KNBI-1530 w/q KOMO-1000 WCEB-1420 KTJS-1420 v/ppc WFWL-1130 WANI-1540 KOKY-1440. Well, good spring DX to all.

John Zondlo-608 N. Martin-Muncie, IN 47303
 Greetings. This'll be the last of the monthly bulletins, gang, so here's the deadline schedule for the months ahead- 4/3, 4/17, 5/1, 5/15, 6/5, 6/26 and 7/24. Seems the BCB DX season is just about over here, but you can never tell about summer DX. At least there is TV-PM to fall back on, hi. Latest veries include WHEE-750 and WJDX-620. See y'all in 14.....

Ethnic Radio Start Delayed

A two-week postponement has been announced for the start of broadcasting by CKJS-Winnipeg, the province's first ethnic radio station.

The station had been scheduled to begin broadcasting Friday, but owner Casimir Stanczykowski of Montreal reports technical difficulties have forced the postponement until March 23.

CKJS will operate at 810 on the AM frequency, and is expected to reach about 85 per cent of Manitoba's population through a transmitter of 10,000 watts located south of Winnipeg.

Initial plans are for the station to broadcast in 15 languages, 24 hours a day.

Mr. Stanczykowski operates CFMB-Montreal, also an ethnic station.
 Winnipeg Free Press 3/14/75 From.

Hal Christianson

DX**Worldwide**BRUCE PORTZER,
EditorDeadlines 4/3,4/17
All times GMT

March 29, 1975

contributors this time were:

7021 Sand Point Way N.E., #215 - Seattle, Washington 98115

PAN AMERICAN DX ROUNDUP

- 620 MEXICO, Chihuahua, XEBU hrd w/mx & La Norteña ID 0619 MM 3/3; first time hrd (Pejza, San Deigo)
- 730 COLOMBIA, Bogota, R. Melodia u/XEX w/tropical rhythms; ID at 0608 3/3 MM (Pejza, San Deigo)
- 750 COLOMBIA, Medellin, IV de Antioquia, 0105 w/CARACOL mx, ID, good reception, no QRM, 3/1h (Moore, Pennsylvania)
- 760 VENEZUELA, Puerto La Cruz, R. PLC, on top of WJR @ 0115 3/16 w/ID, ads (Moore)
- 790 CUBA, Habana, Cadena Habana ID 0046 3/16, lt. mx (Moore)
- 800 NETHERLANDS ANTILLES, Bonaire, PJB, 3/3 0505 I was trying to null this EE mx, figuring it was GJJC or CKOK, till I hrd a reference to "Transworld Radio Newsroom". Then I swung the loop around and hrd something about "7:15 am Bonaire time, 6:15 am EST, & again this evening at 10:30 Bonaire time, that's 9:30 pm EST for progs in EE, then EE ID & into SS. (Hardy, Washington)
- 810 COLOMBIA, Bogota, HJCY, R. Sutatenza, romantic mx, mx 77 & clearer than 5075 at 0049 3/16 (Moore, Pa.)
- 850 t VENEZUELA, Valencia, R. Valencia 0010 3/14 soccer game, Valencia playing (Moore, Pa.)
- 854 c PERU, Lima, OAXLA good on peaks but many deep fades 0805-0900 3/17. Variety of LA mx, mostly Andean w/ many Valses, etc. & few armts. ID 0859 giving calls & freqs of this & 2 SW outlets, then mention of "...desde Lima, R. Nac. del Peru, emsora..." (Portzer)
- 880 c CUBA, Pinar del Rio, R. Enciclopedia Nacional ID weak but alone 0701 3/10, "desde La Habana." Comparison w/ tape of CMKF-670 made 11/1h/7h shows mx before & after ID same on both stns (Hardy, Washington)
- 1000 BRAZIL, São Paulo, PRB9, R. Record booming in after XEYX s/off 0800-0820 3/17. Mostly PP talk, many ads, ments of Brasil, São Paulo, & R. Record IDs. (Bytheway/Portzer/Worst, Seattle)
- 1005 COLOMBIA, Neiva, HJDP hrd despite high noise level MM 3/3 w/vocal mx; ID as R. Colosol 0707 (Pejza, San Deigo) --- Good level w/SS vocals 0855-0900 3/17 w/R. Colosol ID 0900 (Worst, Seattle)
- 1010 MEXICO, Guadalajara good w/Mexican pop mx 0935 3/17 & ment. of Onda Diez Diez (Worst, Seattle)
- PERU, Ilima, R. America ID 0833 3/17, ss vocals (Worst)
- 1040 COLOMBIA, Bogota, HJGJ, R. Super 004h 3/1h, Super mx mixing w/assumed R. Tropical (Moore, Pennsylvania)
- 1045 PANAMA, Las Tablas, Ondas del Canajagua 005h 3/1h sports event, ID as "R. Panama, (unintelligible) en Las Tablas", fair reception (Moore)
- 1080 VENEZUELA, Maracay, R. Universal, ID 0103, then EE pops 3/16 (Moore, Pa.)
- 1110 t VENEZUELA, Carupano, R. Carupano, Rumbos ID, OM armts 0047 3/1h (Moore, Pa.)
- 1120 c MEXICO, Tijuana, BGN 3/1h 0700 XEYX ID "con mil vatas de potencia" & location as Tijuana, B.C., then other info such as telefonos. Then back to mx. Strong KSTN in same direction making copy difficult (Hardy, Washington)

PACIFIC DX ROUNDUP

- 830 JAPAN, Osaka, JOBB 3/13 1345 w/male talk in JJ. Fair w/XEVC & KIKI QRM (Sanserino, Calif.)
- 835 CHINA, Nanchang poor w/female CC talk 1330 3/13 (Sanserino, Calif.)
- 890 JAPAN, Sendai, JOHK hrd w/NHK pips 1300 SM 3/9; another set slightly lower in pitch & slightly slower started a couple seconds earlier & were mostly covered by JOHK; prob S.Korea. Both faint, nothing else heard (Pejza, San Deigo)
- 1040 CHINA, Shang'hai vry good w/YL talking SM 3/9 1307 (Pejza, San Deigo)

DOMESTIC "GOTCHA" DEPT.

- 1520 CALIF., Hollister, KMPG hrd SM 3/9 1312 w/ranchero mx & R. Variedades IDs; KMPG ID in SS at 1315 (Pejza)

VERIFICATION CORNER

- 1135 NETHERLANDS ANTILLES, Aruba, PJA5, R. Kelkboom sent FC w/q in one month for EE rot & RP, v/s was Carlos A. Kelkboom, owner-manager. Address per WRTH. (Bytheway, Seattle) Same thing here (Portzer)

Phil BYTHEWAY, Seattle, Wash. HQ-150, SM-1
 Bill HARDY, Aberdeen, Wash., HE-30, SM-1 (2)
 Don MOORE, Milesburg, Pa., XGR-30, IW (2)
 Father Jack PEJZA, San Deigo, Calif. SPR-4, Sanserino loop
 Bruce PORTZER, Seattle, Wash., HQ-180A, SM-2 (2)
 Ralph SANSERINO, Huntington Beach, Ca., R-392, FET loop (1)
 Mike WORST, Seattle, Wash., 51Jh, Dymek & Sanserino loops

That does it for this time around CUN 1h & happy April Fool's Day! bp



CHARLES A. TAYLOR, Editor

939 EASTERN AVE.

INDIANAPOLIS, IN 46201

No. 23 29 March 1975 Phone: 317-638-4166; 2300Z to 0300Z, except Saturdays, anytime; prepaid please.

Since there is a wealth of DX Gnus this week, we go right into DXWW II:

ANDORRA: (SWNS 1 Mar 75). An article in the II/18 Toronto Globe and Mail detailing a dispute between the French Government and the Spanish Bishop of Urgel on one hand, and the principality of Andorra on the other, over the latter's use as a tax haven contains the following statement "The Andorrans do not lack weapons in their battle with the co-princes. With election due later this year, Andorran nationalists are threatening to end the arrangement that allows France and Spain to operate profitable, tax-free, state-owned radio stations in their principality." This probably ties in with a report aired by Radio Australia and relayed to DX Monitor by Glenn Hauser that Radio Monte-Carlo is testing on "700" kHz. 701 kHz is of course Radio Andorra's frequency.

AUSTRALIA: (SWNS 1 Mar 75) The frequency upon which the ABC's Shepparton relay to N. Australia was heard (BDR item in DXWW II.19 of 1 Mar 75) was SW, not 650 kHz.

Twenty commercial stations presently using 2 kW have been authorized to raise power to 5 kW, provided they use directional antennas. (This could fortuitously multiply the ERP toward North America in some cases GH). The new university station in Adelaide: "5UV," has been testing at 0830-1130 GMT, on 1560 kHz, and will move to 550 (.) kHz. Applications closed 2/27 for 2 low power non-profit stations to serve the Campbelltown area west of Sydney, and Melbourne. (Arthur Cushen's DX World via Glenn Hauser)

DXPEDITIONS: (SCDX B1315) An increasing number of expeditions of DXers are every midwinter going to the northernmost parts of Scandinavia in order to log rare stations on MW and tropical broadcast bands. One of these so-called DXpeditions with three participants went to Utsjoki in Finland on the Norwegian border, where they logged no less than 268 North American MW stations from Dec. 22 to Jan. 15. They also logged MW stations in Honolulu, Japan, Korea and Latin America. In Sweden 11 DXers spent a couple of weeks at Killinge DXpeditions have also spent the New Year weekend at Karesuando, Pajala, Gallivare, Vassara Trask, and in Norway at Lakselv, all above the Arctic Circle (our emphasis, ed.) The loggings made by these DXpeditions are now published in a mimeographed booklet by Umeå Kortvågsklubb, Box 117 S-90102 Umeå, Sweden. The booklet also contains an interesting report from a visit to Indonesia made in Nov-Dec. 1974 by the Swedish DXer Jan Edh.

GUAM: (Reference the 23 February 75 DXWW P. 308, list of Guameñan stations of unknown status) Status of new and projected stations as of Feb. 1975 (cf. page 199 of WRTH75): KATR-570 (5kW): Construction was finished in the beginning of February, and they were awaiting FCC inspection. Expected to be on the air by mid-February, operating from 0600 to 0000 local time with a format of news and music. KMAL-720 (10kW): No physical ad nces have been made since license was granted. Equipment had not yet been ordered. KTW-770 (10kW): Trans-World Radio's application was accepted by the FCC, but a CP has not yet been granted. They also have difficulties finding a suitable site. K...-940: Far East Broadcasting Co., as with KTW, no action has been taken on application (Lars Ryden, Sweden)

KHMER REPUBLIC (CAMBODIA): Six broadcasting formats originate from a single government transmitter. FANK, the national armed forces, operates one of the stations while the government runs AM radio broadcasts to local and foreign audiences in several languages. In addition there are two SW and one FM station. The US Embassy also has its own private transmitter which relays "American Radio" from Saigon, presumably APR-V, operating on FM only from the US Embassy in Saigon. (Lars Rydén, Järfälla, Sweden)

LESOTHO: A letter from Denzil Baker, Durban, R. of S. Africa, reads in part: "Radio Lesotho of Maseru has left 899 kHz and is now on approximately 960 kHz. The signal is not as strong as it was on 899 kHz and seems to be somewhat garbled, possibly due to modulation problems. The WRTM lists Radio Lesotho as closing down at 2030 GMT, but I have noticed that on Saturdays close-down is about 2115 GMT." (Thanks to Denzil for this item. It appears from Denzil's description that Radio Lesotho-899 has fractured its crystal, and will probably drift in the vicinity of 960 kHz until a new 899 kHz crystal is acquired and installed. ed.)

NEW ZEALAND: Two new university stations have been granted temporary licenses: "1XB" in Auckland, 950 kHz on the air March 16 (?), sked 0500-1200 Mon-Fri; 0900-1200 Sat-Sun; 100 Watts. Call is something phonetically similar to "Radio Dursham". And "4XU" Dunedin, 1270 kHz, 100 Watts, "Radio Randy", sked Sun-Fri 0400-1000; silent Saturdays. (Arthur Cushen's DX Times via Glenn Hauser).

New Zealand is back on Standard Time, or GMT plus 12 hours (Arthur Cushen's DX Times via J. Charles Keleher)

REPUBLIC OF CHINA, Tai Wan: (Far Eastern Economic Review) Radio stations number 111, most of them private. The Broadcasting Corporation of China (BCC) is in charge of mediumwave and shortwave transmissions to the Chinese mainland. Radio revenues and programming have been hit hard by competition from television. The growing number of private cars promises to redress the balance within the next decade. There are stations specializing in traffic, weather reports, and news. (via Lars Rydén, Järfälla, Sweden)

REPUBLIC OF VIET NAM: (SWNS 1 Mar 75) According to the USA's latest frequency schedule, VOA Viet Nam has been deleted. This one used one of Pentagon's Flying Radio Cities—or portion thereof.

REPUBLIC OF SOUTH AFRICA: A letter from Gerry Wood, radio RSA DX Editor, dated 10th March says: "There have been more mediumwave changes in SA. Due to public protest the SABC reinstated the English and Afrikaans Services in Cape Town, Johannesburg (Maraisburg), and Port Elizabeth. Springbok did not come back on mediumwave and the All Night Service of Radio South Africa is broadcast on all mediumwave channels including those used for LM Radio relay. That is the situation to date. The SABC still intend to close mediumwave radio but when that will be now no one knows. LM Radio will continue on mediumwave. It is rumoured that LM Radio shortwave will cease when Mozambique gains independence in June and that LM Radio will be renamed Happy Day Radio in South Africa." And in a recent broadcast Gerry mentioned that American MW stations are sometimes heard in the pre-dawn hours in South Africa. (Glenn Hauser)

Denzil Baker writes, his information agrees with the above information. He adds: "The frequencies taken from Radio and TV magazine are a) English 1) Capetown 656 kHz 11) Port Elizabeth 1178 111) West Rand 638 kHz; b) Afrikaans 1) Capetown 557 kHz 11) Port Elizabeth 1048 kHz 111) West Rand 575 kHz. According to a local newspaper report, Durban transmitters (with the exception of 800 kHz which is relaying LM Radio) are being dismantled with the result the English and Afrikaans Services will not be relayed here."

The Pietermaritzburg transmitters on mediumwave were dismantled, I believe, some time ago. At present, the Pietermaritzburg station is now equipped with very low power FM transmitters.

The transmitters at Cape Town, Port Elizabeth and West Rand are only on for temporary service and will close down as soon as the FM network in South Africa is completed."

SAIPAN: Micronesia Bc Corp., owners and operators of WSZE-TV, will start an FM outlet on 1st April, and an AM outlet in June. Facilities for all three stations will move from Royal Taga Hotel to the same building that is already used by the government-controlled station KJQR. Frequency and power for the new WSZE-AM

and FM are not yet known. Micronesia Bc Corp. is owned by the same people as KUAM-AM-FM-TV on Guam. (Lars Rydén, Järfälla, Sweden)

SAMOA, American: (Associated Press) The Federal Communications Commission announced the following action on Feb 24th: American Samoa—Granted the application of Radio Samoa Ltd. for authority to operate the facilities of WVUV, a standard broadcast station now operated by the Department of Interior at Leone, on the island of Tutuila. (via Bill Hardy)

SPANISH SAHARA: (SCDX B1315) Centro Emisor de Aaiún, EAJ203 operates 0800-2400 on 656 kHz. Centro Emisor de Villa Cisneros EAJ202 operates 0800-1900 on 998 kHz (Peter Ippendorf, Bad Hönningen, W. Germany. Jouko Huuskonen, Turku, Finland)

THAILAND: (Far Eastern Economic Review) There are 41 AM and 38 FM radio stations in Bangkok, and about 133 radio stations in the whole country. All television and radio stations are owned by the Government. At the end of 1974, the Government approved legislation enabling privately-owned stations to operate. So far, none have been established. (via Lars Rydén, Järfälla, Sweden)

PUBLICATIONS: (SCDX) The official "List of Radio Countries", published by the European DX Council, is now out of the press. It is a list of no less than 278 existing radio countries plus 38 former radio countries. The list is indispensable if you are collecting verifications from a number of countries, e.g. in order to qualify for diplomas or the DX-badge of DX-Alliansen, awarded for 25, 50, 75, 100, 125, 150, or 175 verified radio countries. The list can be yours for 3 IRCs from the deputy secretary general of the EDXC, Dr. Michael Haun, Box 710271, D-6 Frankfurt, W. Germany.

CLANDESTINE

An AP story about the Falkland Islands in the March 9 Denver Post mentions, "Argentina...beams bilingual radio broadcasts to Stanley." No stations appearing in the WRTM 75 have an overtly Malvinian clandestine name, and no such programs are listed. There are several MW stations not far from the Falklands near the southern tip of Argentina; or it may be a SW service. In any event, it may be worthwhile to tune around for such a station the next time 536 kHz is booming in... (Glenn Hauser)

That is the DX Gnu for this week. Look for much more material throughout the summer here in this column. Tune in DX2WW, 1180 kHz, Davao City, Philippines, on 12 April for more DX Gnu. Pitumpu't Patlo mula sa CAT, Setenta y tres del CAT, Septente-trois du CAT, Seventy Three from the CAT. *Julie*

Editor: Michael G. Worst

western.

dx forum

Your next WDXF editor (deadline April 2 or so) is: Rich Heald, 17412 Rolando Avenue, Castro Valley, CA 94546

Bill Harang, 811 Nevada Avenue, San Jose, CA 95125

KRML-1410 Carmel, CA has a coverage area that is mostly limited to the Monterey Peninsula, though it has some audience in the Santa Cruz area as well. The signal is severely limited by the transmitter's placement at the mouth of the Carmel River, surrounded by mountains except seaward. Its 0.5 mv/m contour runs from just north of Santa Cruz around to just east of Watsonville, south to just west of Salinas, then sharply diagonal to the coast just about 5 miles south of Carmel (measured). Because of the terrain, it has been calculated that KRML would require 50 kw to attain a 5 mv/m contour roughly the same as KMBY's day contour at 1 kw, and even then KMBY would have a better signal in Salinas; but KRML would have a better one to the south. Of course, 1410 is a regional frequency, with a U.S. ceiling of 5 kw. Sat. night, 3-8-75 was noted as a time of excellent graveyard frequency skip. I picked up KOOS and KYJC, both in Oregon, within a few minutes. KSUE-1240 was noted at midnight beginning Sunday the 9th dominating 1240 over the other stations on the frequency. KSUE does have a good SSS generally to Humboldt County. I have a few comments about KRAK-1140 Sacramento. One of the speakers of an evening 15 minute program wrote a letter to me saying that they receive a fair amount of response from listeners up northwest to Crescent City. The other day, a letter from Pendleton, Ore. stated they came in "loud and clear." Hey, where was KGEM? Welcome back to Frank Kennedy and thanks for the phone call! Frank must be rich to make those long distance calls to Larry Godwin and Randy Seaver! 73s.

WU. 001

 * Editor: Bill Hardy *
 * 2301 Pacific Ave. *
 * Aberdeen, WA, 98520 *

Special Features

March 29, 1975

NOW NBC JOINS THE MULTIPLE-NETWORK RADIO GAME; SECOND NETWORK
 TO BE ALL-NEWS

by Special Features Editor Bill Hardy

The Feb. 10 issue of Broadcasting, used by permission, outlines plans of NBC Radio to inaugurate a second network service, probably starting around June 1, 1975.

NBC thus joins ABC and Mutual, which are already operating multiple lineups of stations as non-simultaneous networks. ABC, of course, started the ball rolling on Jan. 1, 1968, with the launching of the American Information, Entertainment, Contemporary, and FM networks, all fed on the same ABC line at different parts of the hour. By feeding at different parts of the hour, ABC hoped to get around the FCC's "duopoly" rules, which prohibit a network from operating two radio networks simultaneously in the same market. In fact, ABC was created in 1943 as a result of the duopoly rules, which required NBC to give up one of its two nationwide networks, the NBC Red Network and the NBC Blue Network. The Blue Network became ABC.

The duopoly rule is reprinted here for your reference:

§ 73.137 Dual network operation.

No license shall be issued to a standard broadcast station affiliated with a network organization which maintains more than one network of standard broadcast stations: *Provided*, That this section shall not be applicable if such networks are not operated simultaneously, or if there is no substantial overlap in the territory served by the group of stations comprising each such network.

(Substantially the same wording applies to FM broadcast stations in the FM rules, and to TV broadcast stations in the TV rules. Note that the rules do allow separate networks for radio and TV stations. Theoretically, they also allow for simultaneous operation of separate networks for AM stations and FM stations; however, since a number of AM programs are simulcast over FM, this would pretty well preclude a separate network of "FM broadcast stations.")

Note the section of the rule allowing the network organization to supply programs simultaneously to different parts of the country. This allows for time delay of network programming, either because of time-zone differences (including daylight saving time), or because a station chooses to delay the program to a later hour when other affiliates of the network in other markets are running a different network program (provided that another station in the same market isn't simultaneously carrying a different program from the same network). This portion of the rule also allows for network programs of regional interest, such as the old ABC Radio West network, which went out of operation when ABC began its four-network scheme in 1968.

When ABC started its four-network operation, it relied on the portion of Section 73.137 (and Section 73.237 of the FM rules) allowing operation of multiple networks on a non-simultaneous basis. The Contemporary network followed the old ABC "news-at-55" scheduling; the Information network was fed on the hour; the FM network at 15 past the hour; and the Entertainment network at half past the hour. Theoretically it's not legal for a station in a certain market to tape-delay Paul Harvey to, say, 12 noon if another ABC affiliate in the same market is running ABC Information news at noon, but it happens.

ABC's four-network plan gave network radio advertisers, for the first time, a chance to specialize in audiences. Instead of a network with some top 40 stations, some MOR's, some country outlets, some sedate FM stations, as most networks were in those days, they could buy spots on stations that fit the formats they wanted to reach. (Not only this, but it gave ABC four times as many availabilities for network commercials!) What's more, ABC expanded from an affiliate lineup of just over 400 stations in 1967 to about 1550 today. This threw some of the other networks, especially Mutual, into fits. Mutual tried to have the ABC four-network arrangement declared against the rules, claiming, among other things, that ABC was trying to persuade Mutual affiliates in small markets to leave Mutual and sign up with an ABC network. A few years later, having failed in their efforts to get ABC to drop the four-network idea, Mutual switched to a modified "if you can't beat 'em, join 'em" philosophy. However, instead of breaking down the basic Mutual network of some 500 stations, Mutual officials decided to add two ethnic networks - the Mutual Black and Mutual Spanish networks. This took place around 1972.

CBS has maintained their posture through all of this as basically an "exclusive affiliation" network. (Note such announcements on CBS-owned stations as "Only one Los Angeles station has the worldwide facilities of CBS News; KNX is the

one.") However, CBS does have somewhat of a satellite network for its "CBS Mystery Theater," begun in 1974; some CBS affiliates didn't wish to run an hour of radio drama seven nights a week, such as all-news CBS-owned stations WCBS-880 and KCBS-740. So independent stations in those markets, such as WOR-710 and KNEW-910, picked up the program, but not the basic CBS affiliation.

NBC, evidently impressed by the success of all-news operations, by CBS stations and others, found it had a lot of available network time after dropping the long-running weekend service, "Monitor," which aired for the last time on Jan. 26, 1975. So on Feb. 10th, NBC officials announced the formation of the NBC National News and Information Service, or NNIS for short - a round-the-clock radio news service during the portions of the hour not currently occupied by NBC programming, which will amount to nearly 50 minutes an hour, all but four hours of every week!

Target date for NNIS is June 1st, if NBC officials can get commitments from potential NNIS affiliates in about 75 of the top 100 markets. The service will be somewhat expensive, in comparison with conventional news-and-features networks (most of which provide hourly newscasts free if the affiliates will air the network commercials and pay their own interconnecting telephone-line charges; UPI Audio and AP Radio, of course, have no commercials and thus cost a flat charge per month depending on market size; and network affiliates in some of the larger markets often are compensated by the network for carrying network commercials - sort of an added incentive to get them to join up). However, NNIS will cost less than a local station would pay for its own talent in an all-news operation.

NNIS will feed hard news, news features, and informational features to its affiliates from 5½ minutes to 30 minutes past each hour, and from 35 minutes past each hour to the top of the hour. NBC will keep six minutes in each hour for its own network commercials, and let the affiliates sell as many as 12 minutes of local commercials within the NNIS format each hour. The time from the top of the hour to 5½ minutes past each hour and from 30 to 35 minutes past each hour will be time for local news, sports, weather, editorials, and the like on each local station.

Current NBC service will remain as is, except that on June 1st all features other than news on the hour will be moved to the half hour. NNIS will not program from 9 a.m. to noon nor 9 to 10 p.m., ELT, on Sundays, which is supposed to be time for local programming on NNIS affiliates, and which is probably the time NBC will use to feed its regular Sunday programming, such as religious programs, "Meet the Press," and others, to its basic NBC affiliates.

NBC officials say in the Broadcasting article that they will give present NBC affiliates first refusal rights on the new service, but that they expect most of the present NBC affiliates will stay with their present formats which are doing well. They don't rule out the possibility of any of the present NBC owned-and-operated stations using NNIS, possibly on FM. But the officials do rule out the possibility of a station using NNIS only during drive-times or only for part of the day or part of the hour; "we won't even talk to any station that wants to play any kind of music," one official said. Whether or not they'll let any affiliates take both the regular NBC service and the NNIS service remains to be seen - that would be almost a full hour of network service every hour, 24 hours a day!

(Information on NNIS comes from the Feb. 10, 1975, issue of Broadcasting, used by permission. Background on multiple networks written by Special Features Editor Bill Hardy.)

NETWORK SCHEDULING The advent of NBC's new National News and Information Service, NNIS, scheduled for a June 1st launching, brings up a subject that should be of interest and maybe helpful to DXers: The exact, to-the-second scheduling of network newscasts.

Say you're listening to an unidentified station that fades out quickly during its top-of-the-hour ID and then goes into CBS news. You might as well shut off your tape recorder, or maybe look for a late ID on another channel, because (obviously) you're not going to get an ID out of the CBS station while they're running the network. But how soon do you have to be back listening? 4 minutes? 5 minutes? 6 minutes? That is the purpose of the article - to let you know when the news starts and ends, to the second, on the different networks.

NBC News begins on the hour, 24 hours a day, and at present it runs for 5½ minutes, ending with the cue, "(name of reporter), NBC News," at :05:30. NBC News was only 5 minutes long until just recently. But it appears that with the disappearance of "Monitor" on weekends, starting Feb. 1st, NBC added an extra 30 seconds of commercial time into the hourly newscasts. Rather than cheat the listeners out of 30 seconds of news, the network simply ran the newscast 30 seconds longer at the end. NBC sportscasts, commentaries,

weekend "Update" news reports, and other features will be fed live on the network at half past the hour starting June 1st, and some of the feeds may already be on the half hour, but the lengths may vary anywhere from 2½ to 5 minutes each, and of course some stations may tape-delay the features, thus putting the start or end times a little bit off.

CBS has news on the hour, also 24 hours a day, and except for some expanded newscasts, they run almost exactly 6 minutes long, ending with the "(reporter's name), CBS News" end cue. "World News Roundup," fed at 0800 ELT Monday thru Saturday, seems to run about 14½ minutes. Your Special Features Editor really doesn't know CBS's current policy on extra features, of which CBS has many - a few years ago, some of the features started at 25 minutes past the hour and ran 3½ minutes, while others started at half past the hour and ran 3½ to 5 minutes. But news on the hour is a sure bet to start "straight up" right on the hour, starting with the familiar "CBS tuning fork" sound, and continue till :05:55.

ABC's four networks have to share a line, which makes precise, to-the-second scheduling extra important - and furthermore, some of its affiliates are automated (especially on the FM network), so the timing has to be almost perfect. Here is what goes on in a typical ABC hour:

ABC Information News :00:00 to :05:00

ABC Information feature (commentary or sports; some affiliates delay these) :06:00 to :09:30

ABC FM News :15:00 to :20:00

ABC Contemporary Feature (Howard Cosell, Retro Rock, Sneak Preview) :25:00 to :28:30

ABC Entertainment News :30:00 to :35:00

ABC Contemporary News in Brief (pre-feed of headlines, taped by some stations) :30:30 to :31:30
(Followed by pre-feed of newscast commercials)

ABC Contemporary News :54:30 to :59:30

Note that the Contemporary newscasts actually start and end 30 seconds earlier than the scheduled minute.

On weekends, the Entertainment network has sports on the line certain alternating hours from :36:00 to :39:30, with a repeat feed at :45:00 to :48:30 of the same hours.

You can see the pattern - newscasts run five minutes, features run around 3½, though some features run a full 5 minutes, such as Paul Harvey's morning newscast, commentary by Jerry Reasoner and Edward P. Morgan, and the like.

Also, the Information network has some newscasts longer than five minutes - News Around the World at 0800 ELT six days a week runs 14½ minutes (it is repeated in the Pacific time zone Monday thru Friday at 1100 ELT), News Around the World at 1800 ELT Monday thru Friday runs 9½ minutes, and World Wrap-Up at 2200 ELT Monday thru Friday runs 14½ minutes (the 2200 ELT news Saturday and Sunday runs a full 10 minutes).

And then there is Paul Harvey. Paul Harvey is supposedly an offering of the ABC Entertainment network. But his daily five and 15-minute news programs were such a popular feature of ABC affiliates up till 1967 that, when the network decided to split into four different formats, they agreed to let the existing ABC affiliate keep Paul Harvey, regardless of which ABC network they stayed with. It seems to be common practice today for ABC to offer Paul Harvey to new ABC affiliates, even if they don't choose the Entertainment network - provided, of course, that Paul Harvey isn't already on another ABC outlet in the same market. Broadcasting magazine, in an article on radio news in its Jan. 6, 1975, issue (used by permission), says Harvey is now heard on approximately 600 stations, including some which aren't even ABC affiliates; as one ABC newsman says in the article, "Paul Harvey is a network in himself."

(Incidentally, the article gives the Information network a total of 517 affiliates, the Contemporary network some 360 affiliates, the FM network some 215 affiliates, and the Entertainment network almost 400 affiliates.)

Harvey is fed on the network at 0830 ELT Monday thru Friday, lasting exactly five minutes; this feed is repeated at 0935 (plus 30 seconds) ELT for stations in the Pacific time zone that aren't on the air before 6 a.m. The noontime feed, lasting 14½ minutes, starts at 1230 ELT Monday thru Saturday, and is repeated at 1430 ELT in the Pacific and Mountain time zones. End cue on all Paul Harvey feeds is "came to you from Chicago," although on the noontime Monday-thru-Friday feeds you won't usually hear anything past the "Good day!" as most local stations cut away for local commercials at that point. (The morning and Saturday programs carry network commercials.)

In fact, sometimes during regular hourly ABC newscasts, you may hear some affiliates cut away from the network early, either for their own news or commercials, or just to get back to music faster. Breakaway cues, such as "This is ABC Information Radio" or "This is ABC Contemporary Radio," generally come 45 seconds before the scheduled end of the newscast, i.e., at :04:15 on the Information network, at :19:15 on the FM network, at :54:15 on the Entertainment network, and at :58:45 on the Contemporary network. (Breakaway cues on the Information network are at :04:30 during

the longer newscasts, allowing stations who wish to air only five minutes of news another chance to cut away at :05:00 by repeating the name of the newscast.)

Unlike NBC and CBS, ABC does not feed regular hourly newscasts 24 hours a day. You might hear ABC newscasts on all-night stations, but if you do after hours, they are usually the last two or three feeds of the night, tape-delayed and repeated; if you watch your clock closely, you'll notice the start and end times may be off a few seconds or even a minute or two.

Here's a quick chart, in ELT, of the start of the first newscast and the end of the last newscast each day on each of the four ABC networks. Note that the Contemporary network has less time at the beginning and end of the day each Sunday. This allows for completion of 24-minute weekly programs such as Issues and Answers, Voices in the Headlines, Billy Graham, etc., used by Information and Entertainment network affiliates. (Note that the PLT zone loses two Contemporary newscasts at the start of the day Sunday to allow for time-zone replays of the aforementioned Sunday shows, but picks up two extra newscasts at the end of the day Sunday when Issues and Answers is being fed to the eastern half of the nation.)

| | Monday thru Friday | Saturday | Sunday |
|---------------|--------------------|-----------|-----------|
| Information | 0600-0105 | 0700-0105 | 0800-0105 |
| FM | 0715-2320 | 0915-2320 | 1115-2320 |
| Entertainment | 0630-0035 | 0730-0035 | 0830-0035 |
| Contemporary | 0655-0100 | 0755-0100 | 1155-2100 |

(Sunday, PLT zone only, 1355-2300)

Just what scheduling Mutual is doing these days is a mystery to your editor. Years ago, Mutual fed a network-sponsored newscast on the half hour, exactly five minutes long, and a newscast available to stations for local sale on the hour, 4½ minutes long, with a breakaway cue at :03:55. However, this policy seems to be changed now. The Jan. 6th article in Broadcasting on radio news, used by permission, says Mutual now feeds three hourly newscasts, anchored by three different people in three different styles "so they can be made compatible with any type of local format." The hourly newscast, with almost 100% clearance, is described by Mutual as "more conversational" for MOR/talk stations; the half-hourly news, 500 affiliates strong, is described as "standard comprehensive newscasting" but with more punch, and the version at :55, with some 100 affiliates, is for progressive stations; it's "not a machine gun, but it's a pretty fast clip."

These newscasts, of course, do not include the Mutual Black or Mutual Spanish newscasts. Any member of the club who works for a Mutual radio affiliate and who has more detailed information on just when the newscasts are fed, what times they start and what times they end, to the second, and what hours of the day they are fed live (I know Mutual doesn't operate 24 hours), is asked to please write to your Special Features Editor with details, which will be printed as an addendum to this article after I have them.

I'd also like more information on UPI Audio, which as far as I know feeds news for 4½ minutes hourly on the hour, and on AP Radio, which I haven't heard live on any stations so far. Also, I'd appreciate any corrections to any details in this article, as I did most of it (especially the ABC schedules) from memory. Thanks. --Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520.

the AD-VISOR

247 N. FIRST ST., APT. 27

EL CAJON

CA 92021

ALBERT S. LOBEL, Editor
TELEPHONE: (714) 440-2544 PREPAID BETWEEN 1900 - 2115 PDT

National NC-173, 13 tubes. Good PCB DX Rx. Price: \$75. Will not ship but will deliver within 100 miles. (NDM)

Hammondlund (sic?) HQ-129M, 540 to 31 megs. Fair condition. Price \$85. Will not ship but will deliver within 100 miles. (NDM)

Hallcrafters, small S-38. Price: \$25. Will not ship. Must pick up or pay my gasoline to deliver.

(NDM) Morton D. Meehan, Post Office Box 664, Yuca Valley CA 92284. TELEPHONE: (714) 365-9539.

A rather short column this time! I'd still like to have enough ads in one week to fill a whole page in DXM. Surely more of you must have something you want to buy, sell or trade! Send those ads in now! YOU get the ads in I'll find time to do the typing; even if I must start some of it the day before the deadline! For those of you who are interested my deadlines are when the mail arrives on Wednesday, however, I'll generally accept a phone ad up to the time I start typing, which may be Thursday night.

73's and good DX to Y'all

Robert



DXED EDITOR: Brew S. Potzrebic, 1776 Independence Place, Seed Apple, WAH 98000. Deadlines: Tuesday, unless the full moon falls on a Wednesday, in which it's Monday; or unless the moon comes over the mountain; then it's anyone's guess.

APRIL THE FIRST DX ROUNDUP

- 850 MEXICO, Rio del Oro, XEXON noted w/R. Petrolera ID and mention of "El Tigre en el tanque" 0300 3/3 followed by pgm in Arabic. Mentioned they were affiliated w/XESHL, XEXACO, XESTD, & XEARCO. (Shawn Ratz, Urea, Florida)
- 1100 AUSTRALIA, Clevedon, 3WE, apparent new DU noted w/ KFAV null'd 0930 2/29 IDing w/these calls & giving location sounding like this. Gave TC as "Five Thirty". This corresponds to either eastern U.S. or western Australia, but has to be an Aussie as U.S. stns only have W & K calls (Fullvit Incidentally, Warsh.)
- 1240 NORTH VIETNAM was possibly the one w/mention of Hanoi during rx 0200 3/1. This station would be possible if the atmospheric pressure in Lima, Peru was greater than 1049.9 millibars, the temperature in Anaktuvik Pass, Alaska, was greater than 84°F., and no Latin American countries were controlled by Military Dictatorships at the time. (Stancy M. Berry, Crystallized Bleach, Ontario)
- 1340 MEXICO, Tequila, XEOLY noted an I/I w/fiesta pgm & many ID's as Radio Fiesta, La Voz de Carta Blanca. Signal a bit tipsy & wobbly. QRM from XEAA, R. Borrachos. (Rabbi Jack Pejzowitz, Sandy Ego, Calif.)

COUNTRY OF THE MONTH --- SAN MARINO

San Marino is a tiny country on a mountaintop in Italy. As far as we know there are no BCB stations in San Marino. Nor are any planned in the foreseeable future. It looks like San Marino will continue to be a difficult country to log.

Next week's country of the month will be Ehtan. Deadline was July 6, 1968.

BOOZINGS OF THE MEMBERS: Editor: Bernie R. Hooper, 12739-28 West East St., Carrier Route 2308, Lyn Brooks, NJ 00927.

(Editor's note: the following letter was received from S. Park Plugg, Houseboat #48, somewhere off of Vancouver Island, BC. The letter is so interesting that I thought I would reproduce it in its entirety. BRH)

Dear Sirs:

Residing within the Gulf Islands- I caught KFAB, Omaha some ten days past, and your own Club address was sent out, i.e., receiving the KFAB card just now. Detecting it again only last nite; and wrote along to Omaha--the fairly weak single sine (or, that is listening alone.)

I will enclose 25¢ as it is suggested you can forward a 'sample of of bulletin' up here, pertaining to reception out West assuredly. Certainly, certain of the Bulletins should interest me, reliably interested, so put--the same East broadly(?)

A mere sample Reception Report was afforded as you know; but were well commonly one usually captures a quite little of the signal at the distance: or feel 'great' when along with the Call and Place, i.e., any vaster majority of DX or remote transmissions..?

Continuing, here my small transistorized Nip is without much of a real 'Front End,' that is an "8" three band set(?) Some few years ago; and such should be the 5 Vacs. mentioned? Possibly they meant fully three of RF? This same new Japanese Set cost me only about \$45., model.

Indeed, I trust we are not utilizing the odd Phones much! However, and while just here aware of this same West, and- some loose set of phones might overcome a little of the 'body capacity' possibly experienced along with the 'locals' upwards to 50 000 W., or - if unbelievably. The aure odd 'cord' may run up to fully 15' length of litz wire? I.e., tenably 500 miles, that if providing some Hi Fi DX?

Broadly I find the Reception quite fair hereabouts: as for instance--Boise, Des Moines, Salt Lake City, Omaha; Cards, and Montana, Colorado still continuing to cut-in once in awhile. My extant Cards are assuredly frequently only low (Ant. Inputs,) or, for any instance gaining Battleford, Sask. just recently twice, 10 000 KWH. -Being within the past only fewer days. 385

TECHNICAL FEATURE --- THE RECIPROCAL AMPLIFIER

We are pleased to announce a new development that promises to revolutionize the field of BCB DXing, reciprocal amplification. A reciprocal amplifier is a device whose output is the reciprocal, or multiplicative inverse, of the input. If the input is a signal with an amplitude X, the output will be 1/X.

The impact on DXing is obvious. If you have a strong signal and a weak signal on the same frequency, the strong one will become weak and the weak one strong. A prototype of this device was built and tested at the KOMO-1000 transmitter site.

Results were excellent. At 7 p.m. local time, with the circuit switched out, only KOMO could be heard. With the reciprocity control set at minimum, LZD in Tauranga, N.Z., could be heard clearly, despite a path totally in daylight. With the control advanced to full reciprocity, WHFB, WRAR, & PM2DTE were fighting it out. All three stations were off the air at the time and hence would have had zero signal strength on a normal receiver. but since 1/0 is infinity, all three stations had infinite signal strength and consequently were booming in loud and clear!

This device should be useful for bringing back the old days of radio. A station that has not been on the air for many years would also have (for all practical purposes) zero signal strength and could also be heard using the reciprocal amplifier. However, actual tests have yet to confirm this.

Speaking of old time radio, it's a well known fact that radio waves never die out completely, but wander off into outer space where they gradually become weaker and weaker. It should at least theoretically be possible to set up an infinite gain antenna 60 or 70 light years from earth to receive these signals, amplify them, retransmit them to earth via microwave, and receive these transmissions at an earth station where they are downconverted to BCB frequencies and fed into your receiver.

This way you could receive Marconi's original spark gap transmissions, the first KDKA broadcast, and numerous five wattars that haven't been on the air since the 1920's.

Keep in mind, however, that you must locate the earth station within 25 miles of your home or you won't be able to count any of these stations in your totals.

THE FIVE BASIC LAWS OF LOOP BUILDING
DE GOTHI, Ph DX

- I In any field of pseudo scientific endeavor, any-thing that can go wrong, will go wrong.
- II Left to themselves, things always go from bad to worse.
- III If there is a possibility of several things going wrong, the one that will go wrong is the one that will do the most damage.
- IV Mother nature always sides with the hidden flaw.
- V If everything seems to be going well, you have obviously overlooked something or somebody.

Correctly I am employing no outdoor ant., but am later well contemplating such only minor addition, array or antenna: assuredly remaining open to your own suggestions? Also- is a rirectional (erect or switched,) directional wires, loops, or overhead lines, whatnot- that inside rotating or -tenable?

I continue how according to Radio Netherland's own "Jukebox Show" we heard well above a year ago; and the potential array ought to be applied to the correct chazzis terminals; but while we might try winding a fewer 'turns' simply aroud the shorter 'whip,' for Long Wave reasons.. several turns only (-or for free detection, and along with typical D.C. or 1.5 cells.) Depending somewhat upon the home-wiring can be broad or well even noisy, I meant. I am not quite just here aware of a new Ant. Coupler, so out; or tuned in-phase transformer, etcet.? And--then a SW coupler could mean, uncomplexed: a form of only multi-directional 'lengths' suitable for such overseas SW or shorter std. waves, etcet.? However; and a L.W. Loop ought contain some few Turns via any Turns Ratio!

I will trust it is interesting inasmuch anyone will get aroud to the idea of an odd "pre-amp. outfit" sooner or later! Onto Long Waves; and the same potential only outside "input" ought to look like a tight loop!

Indeed, then if it seems like such Rirectional ant.; and this is due mainly to actual rerouting potentialities or - potentials. At all length the same only Phone Jack may comprise a negative ground; or do here try adjusting the light Whip for whatever GD grid dip or signal, up-&-down, c.? A quite slack coil can be raised and lowered according to S valu, grid: or, e. g. say twenty turns of enamel @ any 2.5" (as providently any antique gain of 5/ due to 20% Det. Grid or under regenerative, viz., amp-micro only or ohms! Do ever kick-up Meters, or, is., kick-up V. as ostensibly we derive more ordinarily joules, ersus- and a little Hi Fi best within that practical way--.

Continuing, here if it is Speaker Vol., and ground to Jack; or where but sometimes along with the Phones then perhaps - grounding the same to any large only safe metal array or earth, sic.! The actual Grnd. likely runs along with the utilizable Z, so put.

Transistorized, normally we do not test the sound outlet by Meter usage; but, however. a notion of grid leak: or even ever where some 2.5" antenna coil will leak off and erect useful amperage, avoiding out-of-phase G. Blockage, so to speak(?)

All voltage or known P.V.D. ought to be detected at the lead-in, and as that is by merely capacitizing over the twisted input; and it ought to kick a little voltage according to .00035 Mfd. with, perhaps, adventfully but some twenty turns Input evacuated bulb nr. YHenry coil! -Or were full well again via series X_c @ Loop Base, at c. E. g, Kicking downwards upon S -only- latt., and latterly. Possibly, indeed, a loop is loose at approximately 100 L?

I do continue, a mere ten' loop should exist at about 20% lift--or that being only two feet over cathodic elementation, grid.? Certainly when it is as Phase-Wise, some curious 'loops' may overcome whatever Hi Static.. well if within lieu of common BCI (on account of either short or long unfelt leads.) Cloudy weather may exist, that is, sic., W e s t reception, c.

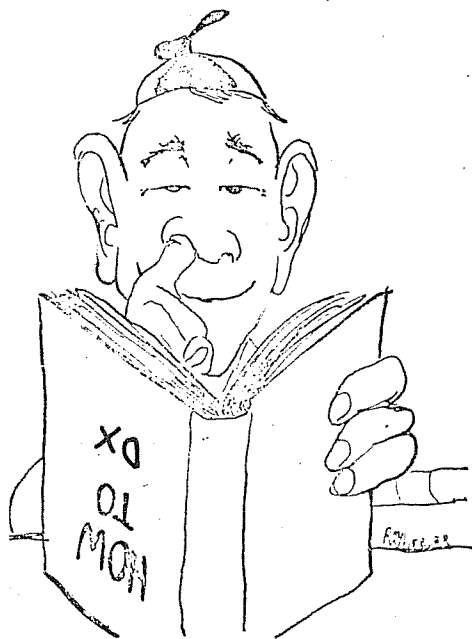
Interested in GT's; but as I am not much about 1.4 v. currently, yet will recommend any GT for pre-amp as begginer's 105 or 105 powers miniature. However, a mere twin g.t. may similarly 'set' the array if you do comprehend our meaning and sense of the big binary operation? Indeed, swing upon increasing vol. or odd gain or again Gain.

The same writer, remaining greatly interested around pop. transformation. and can advocate only then.. even Briggs as supply for apter odd minatures as triodic detection, drifting the heavier loops, and tapping the Hartley Tap down to whatever wooden "mast" and "pot" which erected & ult. 'potting' the same Phones only a trifle? A well burnt Lamp may suffice, insensibly(!)

Tune sometimes over the sure rheostat, about .01 for potential under K-Heviside or as Jam the V. will increase to resonance or nr. 'static' or odd regeneration, avoid! That is locally a wire-wound or fur. pot potentiometer sort of Detector (RX_c Imp.)

I am, Your's truly,

S. Pak Plugg



"SICKS MUNCIE APO I
COULDN'T EVN SPEL DLER,
NOW I ARE WUN"

PORTRAIT OF OUR PRESIDENT, CARLTON "HOP" GRAVELSTEIN



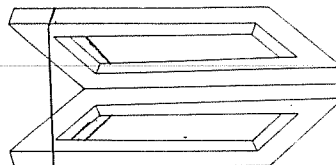
THE IRAC ANTENNA

Dennis A. Mennis

For several years I have been experimenting with combinations of ferrite rods in an attempt to produce an antenna which is compact, yet small in size. The figure above shows my first effort, consisting of three ferrite rods, wound up tight. Below is the current version. It consists of two frames of polyhydrofluorochloropolymer resin, mounted at an angle of 45°. Approximately ten turns of #3 copper wire have been wound around the frames; only one turn is shown in the drawing, to prevent obscuring your view of the construction.

Experiments have shown that the basic pattern produced by the Mark II antenna is an anarhombic duodenal archipelago. Proper positioning of the antenna has allowed me to hear Radio Nibi Nibi on their new frequency of 640 khz under the Cuban and KFI; KJNP-1170 at 2000 GMT; and AFRTS-1475 Diego Garcia. I have verified all these stations.

I have not yet tried to use both the IRAC antenna and the Reciprocal Amplifier mentioned elsewhere in this issue. Further experiments will be forthcoming.



Thanks To You
From KOMO

Dear Mr. Finsterbender,

Thank you for your letter reporting your reception of KOMO. Your logging of KOMO is correct--we were on the air with an open carrier from 0100-0115 AM PST on February 2, 1975, when you reported us.

KOMO

100 FOURTH AVENUE NORTH SEATTLE, WA 98109

Credits: Bruce Portzer, Skip Dabelstein
FJB, and an unnamed inquirer.

TICA-TECA LIST


March 29, 1975

STATIONS IN GUATEMALA, COSTA RICA, AND BELIZE

Submitted by Ken Simon (WTFDA) via Glenn Hauser. Programmed and updated by Ron Schatz.

| | | | | | | |
|------|----|----------------------|---------------------------|-------|-----|-------------------------------|
| 525 | CR | CARTAGO | RADIO RUMBO | TICAL | .25 | CALLE 17 Y 19, AVENIDA 4 |
| 530 | G | GUATEMALA | RADIO 5-60 | TGRV | 10 | 30 AVENIDA NO. 3-40, ZONA 1 |
| 532 | CR | SAN JOSE | RADIO LIBERTAD | TISBU | 10 | CALLE 4, AVENIDA 1 |
| 570 | G | ESCUINTLA | RADIO PALMARES | TGPA | .4 | AV. CENTROAMERICA NO.2-48 |
| 575 | CR | SAN JOSE | CADENA MUSICAL | TICH | 12 | CALLE 2 Y 3, AVENIDA 5 |
| 580 | G | GUATEMALA | RADIO PROGRESO | TGY | 1 | 9A AVENIDA NO. 0-32, ZONA 2 |
| 590 | G | STA CRUZ DEL QUICHE | RADIO QUICHE | TGRQ | 5 | |
| 600 | CR | SAN JOSE | RADIO TIC-YAC | TIAY | 2 | SAN FRANCISCO GUAD LUPE |
| 600 | G | TIQUISATE | RADIO CAMPESINA | TGRC | 1 | |
| 610 | G | GUATEMALA | RADIO SENCENTAL | TGSA | .5 | 6A AVENIDA NO. 12-15, ZONA 1 |
| 620 | G | TOTONICAPAN | RADIO OCCIDENTAL | TGPO | 1 | |
| 625 | CR | SAN JOSE | RADIO OMEGA | TIKE | 2 | |
| 640 | G | GUATEMALA | LA VOZ DE GUATEMALA | TGW | 20 | 5A AVENIDA NO. 13-18 |
| 650 | CR | SAN JOSE | RADIO MONUMENTAL | TIBAS | 10 | CALLE 2, AVENIDA CENTRAL |
| 650 | G | QUEZALTENANGO | LA VOZ DE QUEZALTENANGO | TGN | 1 | |
| 670 | G | GUATEMALA | RADIO FABULOSA | TGRF | 10 | VIA 6 NO. 3-74, ZONA 4 |
| 675 | CR | SAN JOSE | RADIO SAN LA | TIJC | 15 | CALLE 2 Y 3, AVENIDA 5 |
| 680 | G | COBAN | LA VOZ DE LA VERAPAZ | TGVP | 1 | |
| 690 | G | JUTIAPA | RADIO TAMAZULAP | TGVX | 1 | |
| 700 | CR | SAN JOSE | RADIO BELLO | TIHB | 10 | CALLE 2, AVENIDA 2 |
| 700 | G | GUATEMALA | RADIO MONUMENTAL | TGHR | 10 | 6A AVENIDA NO. 2-30, ZONA 1 |
| 710 | G | QUEZALTENANGO | RADIO TECNOLÓGICO | TGKL | 1 | 6A AVENIDA NO. 6-41 |
| 720 | G | MORALES | RADIO ORO | TGRO | 1 | |
| 725 | CR | SAN JOSE | RADIO COLUMBIA | TIEX | 2 | CENTRAL Y OCCIDENTAL |
| 730 | G | GUATEMALA | RADIO CULTURAL | TGHI | 5 | 30 CALLE NO. 3-05, ZONA 3 |
| 740 | G | SAN MARCOS | RADIO TICHI | TGHI | 1 | |
| 750 | CR | SAN JOSE | RADIO AMÉRICA LATINA | TGRA | 1 | |
| 760 | G | GUATEMALA | SUPER RADIO | TGHB | 10 | 6A AVENIDA NO. 15-40, ZONA 1 |
| 775 | CR | SAN JOSE | RADIO EXITOSA | TIW | 4.5 | |
| 790 | G | GUATEMALA | LA VOZ DE LOS MÚLTIPLES | TGO | 5 | 1 CALLE NO. 2-60, ZONA 1 |
| 80 | CR | SAN JOSE | RADIO CENTRO | TIGHD | 3.5 | CENTRAL NO. 2-4 |
| 810 | G | FLORES | RADIO TIKAL | TGK | 1 | |
| 820 | G | GUATEMALA | RADIO INTERNACIONAL | TGIP | 5 | 37 AVENIDA NO. 12-15 |
| 825 | CR | SAN JOSE | RADIO TIO | TIOS | 5 | 5 ESCUINLAS DE TIBAS |
| 830 | G | MAZATENANGO | RADIO SATELIT | TGAV | 1 | |
| 834 | HZ | BELIZ CITY | RADIO BELIZ | | 20 | |
| 840 | G | SAN MARCOS | LA VOZ DE SAN MARCOS | TGM | .35 | |
| 850 | CR | SAN PEDRO | RADIO UNIVERSIDAD | TIUCH | 1 | |
| 850 | G | GUATEMALA | RADIO OROS | TGX | 3 | 1 CALLE NO. 2-43, ZONA 1 |
| 875 | CR | LIBERTAD | RADIO MONUMENTAL | TIGPH | 1 | |
| 880 | G | GUATEMALA | RADIO NUEVA ERA | TGJ | 10 | 6A AVENIDA NO. 10-45, ZONA 1 |
| 890 | G | ESCUINTLA | RADIO ESCUINTLA | TGHI | 1 | |
| 900 | CR | SAN JOSE | RADIO X | TIX | 6 | TIBAS LINDA VISTA |
| 900 | G | PUERTO BARrios | RADIO AM TIQUE | TGMA | 1 | |
| 910 | HZ | PUNTA GORDA | RADIO BELIZ | | 1 | |
| 910 | G | GUATEMALA | RADIO EMPERADOR | TGKL | 1 | 6A AVENIDA NO. 2-80, ZONA 1 |
| 920 | G | ESCUINTLA | RADIO SUR | TGSR | .2 | 4A AVENIDA NO. 7-30, ZONA 1 |
| 925 | CR | SAN JOSE | RADIO JUVENIL | TIJM | 1 | |
| 930 | HZ | CORRAL | RADIO BELIZE | | 1 | |
| 930 | G | SAN PEDRO CAYAH | RADIO IMPERIAL | TGJI | 1 | |
| 940 | G | GUATEMALA | LA VOZ DEL REGAJO | TGLE | 5 | 15 CALLE NO. 3-45, APTO. 31 |
| 950 | CR | SAN JOSE | RADIO ECO | TIECO | 2 | 5 ESCUINLAS DE TIBAS |
| 950 | G | MAZATENANGO | RADIO TIBAS | TGTF | 1 | 6A AVENIDA NO. 10-57, ZONA 1 |
| 960 | G | STA CRUZ DEL QUICHE | RADIO UTALIH | TGTH | 1 | |
| 970 | G | GUATEMALA | RADIO OCCIDENTAL | TGAX | 10 | 13 CALLE NO. 12-26, ZONA 1 |
| 975 | CR | SAN JOSE | RADIO ATEN | TINS | 10 | CALLE 2 Y 3, AVENIDA 5 |
| 980 | G | SAN MARCOS | RADIO BETAM | TGMO | .5 | |
| 990 | G | CHICHENYULA | LV DE LA PERLA DE ORIENTE | TGAL | .8 | |
| 1000 | CR | SAN JOSE | RADIO MIL | TIHML | 10 | CALLE 25, AVENIDA 10 |
| 1000 | G | GUATEMALA | RADIO MIL | TGHA | 1 | RUTA 6 NO. 9-50, ZONA 4 |
| 1010 | G | ZACAP | RADIO MATEMUNDO | TGRX | 1 | |
| 1020 | G | PAJUTIT | RADIO FRONTERA | TGFM | 1 | |
| 1025 | CR | SAN JOSE | RADIO FIDES | TIAC | 2 | APART DO 5079 |
| 1030 | G | VILLA VICTOR A | RADIO PAN MENDOZA | TGUX | 10 | KM 12 CARRETERA A 0 CIVILO 76 |
| 104 | G | JALAP | RADIO OCCIDENTAL | TGUP | 1 | |
| 1050 | CR | SAN JUAN DEL GENERAL | RADIO MONUMENTAL | TIGHP | 1 | |
| 105 | G | HUEHENTANANGO | RADIO SOL | TGSL | 1 | 2A CALLE NO. 4-02, ZONA 1 |
| 1070 | G | QUEZALTENANGO | LA VOZ DE OCCIDENTE | TGO | 1 | 7A AVE. NO. 0-26, ZONA 2 |
| 1075 | CR | SAN JOSE | FARO DEL CARIBE | TIFC | 1 | |
| 1080 | G | ZACAP | RADIO NEVEDA | TGLU | 1 | |
| 1090 | G | GUATEMALA | RADIO CADENA POPULAR | TGZ | 10 | |
| 1100 | CR | SAN JUAN DEL GENERAL | RADIO COLUMBIA | TIHJ | 1 | |
| 1100 | G | COATEPEQUE | RADIO SUPLENTO | TGSR | 1 | |
| 1110 | G | SANTA LUCIA COTZ. | RADIO MARCHA | TGMK | 1 | |
| 1120 | CR | SAN JOSE | RADIO CAPITAL | TIHRH | 5 | CALLE 2, AVENIDA 2 |
| 1120 | G | GUATEMALA | RADIO PUEBLA | TGC | .5 | 2A AVENIDA NO. 13-39, ZONA 1 |
| 1130 | G | RETALHULEU | LA VOZ DE RETALHULEU | TGVR | 1 | |
| 1140 | CR | SAN CARLOS | RADIO MONUMENTAL | TIGHP | 1 | |
| 1150 | G | GUATEMALA | RADIO BELLO | TIHJ | 10 | 3A AVENIDA NO. 1-2, ZONA 1 |
| 1160 | CR | EL TORO | RADIO COLUMBIA | TIKA | 2 | |
| 1160 | G | PUERTO BARrios | RADIO ZARIL | TGHI | 1 | |
| 1170 | G | QUEZALTENANGO | RADIO LANIVAR | TGHL | 1 | 14 AVENIDA NO. 78, ZONA 1 |
| 1180 | CR | LIMON | RADIO CASINO | TIQ | 1 | |
| 1187 | G | GUATEMALA | RADIO SUIERA | TGJ | 10 | 16 CALLE NO. 5-20, ZONA 1 |
| 1198 | CR | SAN JOSE | RADIO B B | TIBB | 1 | APART DO 10203 |
| 1200 | G | JUTIAPA | RADIO JUTIAPA | TGRJ | 1 | |

| | | | | | | |
|------|----|-------------------|-------------------------|-------|----|-------------------------------|
| 1220 | G | ANTIGUA GUATEMAL | RADIO LUMBERA | TGAL | .5 | |
| 1230 | G | PUERTO RABIOS | RADIO ATLANTICO | TGAF | .1 | |
| 1240 | CR | HICGYA | RADIO COLUMBIA | TGLM | 1 | |
| 1240 | G | GUATEMAL | RADIO BENEFACCION | TGK | 5 | 6A AVENIDA NO. 10-45, ZONA 1 |
| 1250 | G | MAZATEHUCCO | RADIO VICTORIA | TGL | .5 | |
| 1260 | CR | SAH VITO | RADIO EMMAUS | TIRE | 1 | |
| 1260 | G | ANTIGUA GUATEMAL | RADIO MISIONAL | TGDA | 1 | |
| 1270 | G | VILLA VICTORIA | RADIO EXCLUSIVA | TGGO | 1 | KM 12 CARRETERA A LO SEVLT |
| 1280 | CR | ALAJUELA | RADIO ALAJUELA | TIOJH | 1 | |
| 1280 | G | ESCUINTLA | RADIO TROPICANA | TGAJ | .7 | 4A AVENIDA NO. 6-25, ZONA 1 |
| 1290 | G | TOPIHUICAPAN | LA VOZ DE TOPIHUICAPAN | TG U | .5 | |
| 1300 | G | LOS ALAMOS | RADIO QUETZAL | TGAR | 5 | KM 18 CARRETERA A V. CHILLES |
| 1310 | G | QUEZALTENANGO | LA VOZ DE LOS ANTI | TGAN | 1 | |
| 1320 | CR | LIMON | RADIO COLUMBIA | TGPG | 1 | |
| 1330 | G | GUATEMAL | UNION RADIO | TGMU | 10 | CALLE DEL ADMOR. 10-39-46 |
| 1340 | CR | SAH RAMON | RADIO ESPECIAL | TTHU | 1 | |
| 1350 | G | COBAN | RADIO MANUA BLANCO | | 1 | |
| 1360 | CR | LIMON | RADIO MISIONAL | TIMAR | 1 | |
| 1360 | G | VILLA VICTORIA | RADIO TIC-TOC | TGLK | 10 | KM 12 CARRETERA A LO SEV LT |
| 1370 | G | COLOMBIA | LA VOZ DE COLOMBIA | TGAC | .5 | |
| 1380 | CR | LIBERIA | RADIO COLUMBIA | TILG | 1 | |
| 1390 | G | GUATEMAL | RADIO ESTANISLAO | TGYC | 5 | 18 CALLE NO. 9-04, ZONA 1 |
| 1400 | CR | SAH PEDRO GENERAL | RADIO STIC | TTCU | 1 | |
| 1400 | G | PUERTO RABIOS | RADIO CALIBRE | TGIZ | 1 | |
| 1400 | G | QUEZALTENANGO | RADIO XELICU | TG H | .5 | 15 AVENIDA NO. 0-56, ZONA 3 |
| 1420 | CR | HICGYA | RADIO HICGYA | TIMHC | 1 | |
| 1420 | G | GUATEMAL | RADIO EL 14 | TGUP | 1 | AV. BELLA VISTA 32-06, ZONA 3 |
| 1430 | G | HUEHUETENANGO | LA VOZ DE HUHUETENANGO | TGAA | .5 | |
| 1440 | G | MAZATEHUCCO | LA VOZ DE MAZATEHUCCO | TGMS | .5 | 2A AVENIDA NO. 25 |
| 1450 | G | GUATEMAL | RADIO VANDERBILT | TGLV | .5 | 16 CALLE NO. 4-51, ZONA 1 |
| 1460 | G | SANTA BARBARA | RADIO PETRI | TORM | 1 | |
| 1463 | CR | SAH CARLOS | RADIO SAN CARLOS | TIGV | 1 | |
| 1470 | G | CHICU MULLA | RADIO TASA | TGYH | 1 | |
| 1480 | G | GUATEMAL | RADIO LUMBROS | TGMX | 1 | 13A CALLE NO. 10-25, ZONA 2 |
| 1490 | G | COATEPEQUE | LA VOZ DEL TROPIC | TGCO | .5 | |
| 1500 | CR | SAH CARLOS | RADIO COLUMBIA | TGLS | 1 | |
| 1510 | G | GUATEMAL | RADIO CENTRAL | TGDX | 1 | 2A CALLE NO. 36-89 |
| 1524 | CR | PUNTAERIAS | RADIO COLUMBIA | TIEAW | 1 | |
| 1540 | CR | GUATEMAL | RADIO FERIA VAITEC | TGNF | 10 | 1A CALLE NO. 6-90, ZONA 1 |
| 1546 | CR | SAH CARLOS | RADIO GAMA | TIANF | 2 | |
| 1550 | G | ZACAP | RADIO SULTAN EL ORIENTE | GOK | 1 | |
| 1560 | G | RETALHELEN | RADIO MADEL | TGRE | 1 | |
| 1570 | CR | TUR TALAR | RADIO COLUMBIA | TGUP | 1 | |
| 1580 | G | JICO TIAN | RADIO PAY K | TGPK | 1 | |
| 1590 | G | CHIMALTENANGO | RADIO TRINIDAD | TGKC | 1 | |
| 1600 | CR | SAH JOSE | RADIO LUNA | TTAC | 1 | |
| 1610 | CR | GUATEMAL | LA VOZ DE GUATEMAL | TGWS | 1 | |



THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit club devoted to listening to distant radio stations on the broadcast band (525-1610 kHz)

IRCA is a member of ANARC, the Association of North American Radio Clubs.

OFFICERS: President: Richard C. Evans, Box 392, New Buffalo, MI 49117 (616-469-3866). Secretary-Treasurer: Carl Dabelstein, 3300 N. 56th St., Lincoln, NE 68507. Board of Directors: Father Jack Pejza (Chairman), Bob Foxworth, Nancy Hardy, Percy Kesteven, Ed Krejny, Bill Nittler, John Zondlo.

DX MONITOR: The official magazine of IRCA, published 34 times a year; weekly from November to March, 3 times in October, semi-monthly in April, May and September, and monthly in June, July and August.

MEMBERSHIP AND SUBSCRIPTION RATES: Membership only, \$2.00 per year. Membership and Subscription, \$9.50 per year. Airmail to U.S. and CANADA, \$13.00; to CENTRAL and SOUTH AMERICA, \$20.00; to EUROPE and AFRICA, \$25.00; to OCEANIA and ASIA, \$30.00. Sample copies, 50c or 2 International Reply Coupons. Make all checks and money orders payable to "IRCA." Members outside the U.S., use Canadian Postal Money Orders or International Money Orders payable in U.S. funds. Send all funds for membership, subscriptions, as well as changes of address to Poway address.

PUBLISHING STAFF: Executive Editor: Father Jack Pejza (714-282-2184). Publisher: Grant Manning (714-566-1264). Albert Lobel, Randy Seaver, Dave Stroup, Fred McClelland.

Permission is granted to publish, broadcast, or otherwise reproduce any of the material in DX MONITOR (except for items which acknowledge that they appear by permission from other sources, or material which is copyrighted), providing credit is given to DX MONITOR and the author or contributor if listed.

Opinions appearing in DX FORUMS are those of the contributors and do not necessarily reflect those of IRCA, the publishing staff, or the DX FORUM Editors.

IRCA publishes the IRCA Foreign Logs, listing over 1500 foreign stations heard on the BCN from North America. Vol. 3, \$3.50; Vol. 2 and 3, \$5.25; all three volumes, \$8.75. IRCA also has an extensive list of reprints of articles and other features which have appeared in DX MONITOR over the years. Send a self-addressed, stamped envelope to the Poway address for a copy of the list. IRCA stationery: 70 sheets for \$2.00; 100 for \$2.75. Rubber stamp of IRCA emblem, \$3.00.

DX MONITOR is printed by Printcraft, San Diego, CA.

388



International Radio Club of America
12536 Arabian Way, Poway, CA 92064





ADDRESS CORRECTION REQUESTED



Dave Williams 17A
Box 615, Hwy. 101
Astoria, OR 97103