

Arthur Parfitt—President
2067 East 83rd Street
Cleveland, Ohio

Robert Weaver—Vice Pres.
603 West Market Street
York, Penna.

Carl Eder—Secretary
Pouch-A.
Willmar, Minn.



Harold Wagner—Treasurer
642 Victory Road
Erie, Penna.

Robert Weaver—BCB—Editor
603 West Market Street
York, Penna.

Mrs. Anne Eder—SW—Editor
Pouch-A.
Willmar, Minn.

Headquarters
317 East 10th St.
Erie, Penna.
Vol. 5 No. 21

Issued Weekly
\$1.75 per year
Six Months Trial \$1.00
March 1 1938

We welcome the following New Members--Cyrus Will Kenilworth Ill., Dick Cahill Salina Kansas.

In this issue you will find the other three days, of FCC Check, if you members will watch the vacant times, and fill in the Station that the FCC assign to the number you can keep your list up to date.

DX TIPS

2:30--3:30 AM	980 Kc., XEFE.	Nuevo Laredo Tams	March 5	NWRC
2:00--3:00 AM	640 Kc., CFQC.	Saskatoon Sask.	March 5	CFQC
3:00--5:00 AM	1440 Kc., KELA.	Centralia Wash.	March 6	All Clubs
3:00--4:00 AM	1420 Kc., CHLN.	Three Rivers, Que.	March 6	IDA
3:00--4:00 AM	780 Kc., CHWK.	Chilliwack B.C.	March 6	NRC
4:00--5:00 AM	(609 to 625 Kc.)	FQN. St Pierre Miquelon	March 6	NRC & NNRC
4:00--5:10 AM	1500 Kc., WWSW.	Pittsburgh Penna.	March 8	CDXR
2:00--3:00 AM	1210 Kc., CJCS.	Stratford Ontario	March 9	NRC
2:00--6:00 AM	1160 Kc., CMHJ.	Cienfuegos Cuba	March 10	AWR
2:30--3:30 AM	1410 Kc., WHIS.	Bluefield W. Va.	March 10	AWR
3:00--5:00 AM	1290 Kc., MNEL.	San Juan P.R.	March 12	NRC
3:00--3:30 AM	1500 Kc., CJIC.	Sault Ste. Marie Can.	March 12	NRC
2:00--4:00 AM	810 Kc., XEDF.	Nuevo Laredo Tams	March 14	NRC, Radio News and UDXC
2:00--3:00 AM	1350 Kc., KIDO.	Boise Idaho	March 13	AWR
3:00--4:00 AM	750 Kc., XEAA.	Mexicall B.C.	March 13	NRC

Note CJOR-600 Kc., Vancouver B.C. will be on March 24 from 3:00--4:00 AM EST and will not be on March 17.

Next week we will have a very nice write up from William Burkhart-of Goulds Fla. telling how the All Continent Round Table-Went Twice around the World in Three minutes Twenty Seconds-All the Amateurs that was on the round table works on the 20 meter Phones.

Late News

Chuck Schaefer-Cleveland Ohio. In as much as Dx is at premium now with all these warm an rainy days. I will give my Dx during the past week. Of all the canadains Special I heard only CJBR-CKCK with static quite high, yet 1-2-3-4YA came in very weakly several times of late. I put my antenna up last week and this morning its down again. (Chuck, that excuse about your antenna is alright OM, but not for me. Hi) HMG. Stations heard this morning. CKCK-KRRU-KGLO-KWSC-KTMS-KROW-KVOD-CBO-and XEBR.

Harry Hawkins-Manchester N.H. (Reports on our SOS of last week as being XELZ-1370 Kc.,
Bob Botzum-Reading Pa.

Harry Hawkins-Also reports that he has received theses veries from Jan. 5 1938-WMFR-WSOC-XEKL-WNEL (fd ruler as a gift) WFOR-WCHV-HCRJ-CMCM-CMCY-ZNS-KICA-WNBZ-KSL-CKLW WATL-WARD-CJBR-WMBO-WJBO-WHAS-WJEJ995 watts)

Late tip-KRBC-1420 Kc., Abilene Texas March 7 from 4:50 to 5:10 A.M.E.S.T. Other tips are on page Three.

SINGLETON & ELIMATOR CONTEST

Singletons: -

Botzum: - CKCK CKGB CJIC CMCQ CMCW CMGF CMHM CMOK KARM KGNC KPOF KTBS
(Pa.) KT7 KVEC WSNJ XEFE XEFW XEBH XERB YV5RA Beromunster Bologna.
48.

Criswell: - KRE - 66 $\frac{1}{2}$. - (Pa.)

Eder: - KGFX KMED KWG. - 38. - (Minn.)

Forestieri: - FRA9 Paris 695; Marseilles 749; Lyon-la Doua 648; 5CK 5CL.
(N.Y.) 65

Hawkins: - KFGQ KICA KIEM KONO KXO WILM CFQC CRCS. - 59. - (N.H.)

Horner: - KASA KERN KGEZ. KTAT KUMA WSAR - 63 $\frac{1}{2}$. - (Pa.)

Hunt: - JOAK2 JOBK1 JOBK2 JOCK1 JOCK2 JOFK JOGK JOHK JOIK JOJK JOLK
(Cal.) JOPK JOQK JOHG JOIG JOJG JOOG JOMG JBCK. - 95.

Johnson: - WAAT WABC WADC WATR WAZL WBAL WBOQ WCAL WCAU WCBA WCRW WDAH
(N.Y.) WDEV WEDC WELI WGAN WGBF WGL WGRM WHAZ WHBY WHDL WHEB WHJB
WHP WIBA WJAR WJBW WKY WJAC WLBZ WMAL WNBH WOMT WOV WPTF WQAN
WRAX WRC WRDO WROK WSBC WSPA WTAD WTAG WWL WWNC TGW TGS YV5RQ
CB69. - 115.

Lundberg: - CFRN KFRC KGDE KGNF KIUN KNET KTRB KXRO. - 54. - (Minn.)

Robb: - KDB KTKC XEF 2NR 3WV. - 29 $\frac{1}{2}$. - (Kans.)

Routzahn: - FQN KTFI. - 52. - (Pa.)

Schaeffer: - CMBG CMCB KFH KFKU KFOX KHQ KIDW KOH KOMA KOMO KSD WMEX XETF.
(Ohio) 49.

Snyder: - XEOK. - 52 $\frac{1}{2}$. - (Mich.)

Stone: - CFPL CMK KADA KFEL KFPY KGKO KMLB KOBH. - 134 $\frac{1}{2}$. - (Ont.)

Tucker: - 17 $\frac{1}{2}$. - (Ohio)

Weaver: - 9 $\frac{1}{2}$. - (Pa.)

Wheeler: - 3 $\frac{1}{2}$. - (Pa.)

Eliminators: -

Botzum eliminated Stone's CFAC KFEQ. - Schaeffer's KGKL KMO KSL KXL. -
Johnson's WHB WSPR.

Hawkins " Lundberg's WALR.

POSSIBLE SINGLETONS (MEXICAN)

XEAD XEAF XEAG XEAL XEAM XEAO XEAS XEAT XEAY XEBA XEBI XEBJ XEBK XEBL
XEBX XEBZ XEC XECW XECZ XED XEDA XEDF XEDP XEDW XEE XEFA XEFB XEFC XEFI
XEFJ XEFV XEH XEI XEJ XEJP XEK XELA XELZ XEMG XEMX XENC XES XEPH XEK
XEXB XEXC XEXD XEXH XEXS XEYO XEZ.

Page three
All time E.S.T.
CALL FREQ LOCATION

NATIONAL RADIO CLUB DX NEWS
DX CALENDAR

MARCH 1, 1958,
All time E.S.T.

CALL FREQ LOCATION	FROM TO CLUB CALL FREQ LOCATION	FROM TO CLUB
<u>FRIDAY, MARCH 4.</u>		
KIT 1250 Yakima	3-6 NNRC	
<u>SATURDAY, MARCH 5.</u>		
KSAL 1500 Salina	2:30-3 KUSD 890 Vermillion	3-5 UDXC
<u>SUNDAY, MARCH 6.</u>		
KELA 1440 Centralia	3-5 CHWK 780 Chilliwack	3-4 NRC
CHLN 1420 Three Rivers	3-4 IDA WJBO 1120 Baton Rouge	2-4
<u>THURSDAY, MARCH 10.</u>		
KOBH 1370 Rapid City	3-4 NRC&	
<u>FRIDAY, MARCH 11.</u>		
WJAG 1070 Norfolk	1:30-2	
<u>SATURDAY, MARCH 12.</u>		
KFUO 550 St. Louis	2-4 ZNS 540 Nassau	11-11:30PM NNRC
<u>SUNDAY, MARCH 13.</u>		
XEDF 810 Nuevo Laredo	2-4 NRC& WCKY 1490 Covington	3-4 IDA

NATIONAL POST OBSERVER REPORTS

BOB BOTZUM, Reading, Penna. - Reports that reception on Feb. 20 & 21 was excellent.

Feb. 20 1310 KRBA Testing till 2:33 AM. West Coasters came in strong, 910 CJAT heard R7. CFAC & CFCT also heard although latter fading badly.

Feb. 21 1330 CMHK till 2:10 A.M. 1450 TSAR with fine DX pgm. Pacific Coasters again strong. KERN, KRE, KGFJ & KRSC all heard with good verification material. CFAC on till 3 A.M. with all-request program.

Bob reports that he has identified the Mexican on 1370 kcs., as KELZ he says he has heard them several times between 2 and 3 A.M. He also reports hearing XEDF 1080 kcs., lately on Sunday mornings as late as 3 A.M.

He says XERB are now verifying by an attractive card. Address given is Radio Difusora XERB, Apartado Postal #47, Tijuana, Baja Calif., Mexico. The address of KARM is, 1333 Van Ness Ave., Fresno, Calif. Bob reports that they verified his report of Jan. 15th.

He also states that KGLO, Mason City, Iowa uses W9XRX, Relay Portable, 2 watts on 31,100 kcs., according to information recently received from the station.

Bob also reports that WTOL, 1200 kcs., Toledo, Ohio tested Tuesday morning, Feb. 22 with R7 signal. SO @ 3:50.

FRANK SCHMIDT, Pittsburgh, Pa. - Says it's about time for a report from the Pittsburgh Dutchman! DX has been on the upgrade here in the "Smoky City" for the past couple of weeks., as a result 11 new stations were added to the log in as many days. Best of the lot are: WFRA, CMHJ and TGV. Reports out to; WGRM, KIRO, ZNS, CEO, KGLO and TGV. The Guatemala station has been heard several consecutive Sundays until around 1 A.M. with very good signal. No luck with the TPs except KGU which has been heard with very weak signal. Log 741. Additions this season number 44.

LEO MERZ, Chicago, Ill. - Reports excellent reception of CMQ on 600 kcs. nearly every evening in Chicago.

HARRY HAWKINS, Manchester, N. H. - Says DX is generally much poorer than last year at this time. However, lately there have been a couple nites of excellent reception. Especially

Harry Hawkins (Continued:- February 18, during which time two new stations were logged, XELZ and XEK. XELZ on 1370 Kcs., should be an easy catch for anyone. Thus Harry confirms Bob Botzum's identification of this particular station. He says they are on until 2:00 A.M., except Sundays. XEK signs off at 1:30 and can be easily identified on 990 Kcs. Not a TA heard all seasons Harry says that WFEA is really eager to DX for the DXers, but that most likely such a program will not be forthcoming from this station until around next December 1st. Harry says that he might also be able to arrange with WHEB to go on at the same time.

J. ARREN RUTZAHN, York, Pa. - Reports that his latest veries are WIL, CJER, FQN & WBNX. Latest catch CMGM.

Feb. 17	660 XELO R8	on 2:40 A.M.	1360 KGER R6	@ 3:00 A.M.
	950 KFVB R7	@ 2:45 A.M.	1200 WFTC R8	@ 3:01 A.M.
	1280 WDOD R8	@ 2:48 A.M.	1440 KXYZ R6	@ 3:15 A.M.
	1370 WPAY R7	@ 2:55 A.M.	900 KHJ R7	@ 3:30 A.M.
Feb. 19	900 WELI	@ 4:20 on DX Pgm.	1200 WIL R8	@ SO. 4:30 A.M.

According to all reports at hand, it would seem that reception conditions are at last on the way to improving. We surely all hope that the improvement will last for a little while, inasmuch as we feel safe in saying that this has been one of the poorest seasons that any of us can remember for a long time. Practically nothing was heard of the TP stations in the fall, and the TA's failed to produce much of interest in December and January, so, it is our sincere hope that we will be able to end the season with reception conditions on the upgrade. We therefore urge all of you, who have for some reason or other, done little or no DXing during the past few months, to dust off the old headphones and get back into DXing in earnest, since we believe that if conditions improve sufficiently, that it will be more than worth your while to spend some time at the old receiver again.

NFO reports have been at a low ebb during the past few weeks, a fact which we attribute to the poor conditions which we have experienced during this season, however, if conditions are improving, we hope that likewise, we too, shall receive a greater number of NFO reports during the ensuing weeks. Surely we can find something of interest in your reports for the other members of the club. So, let's have what information you do have, so that we can make our Bulletins as interesting as we possibly can each week.

During the past few weeks the interest in the Singleton & Eliminator contest has also been lagging. We had hoped that by offering a second prize, another year's membership in our club, that we would be able to maintain the fine interest which had thus far been shown in this contest for the whole season, however, we no sooner announced the extra prize, than almost at once the interest in the contest seemed to lag. If you hold any Singletons or Eliminators, won't you please send them along, in order to revive the interest in this contest. Please remember that only those verifications which have been dated since January 1, 1937 are eligible for this contest.

We want to take this opportunity to congratulate Harry Gordon on the fine job that he did for us with the new After Midnight Monitoring schedules. We know that our members appreciate having this information so that they can successfully hear those stations which will participate in the frequency checks this month.

""TWICE AROUND THE WORLD IN THREE MINUTES TWENTY SECONDS""

BY

William Burkhardt
W4DLH
Goulds Florida

Amateurs win world record---In unique all Continent Round Table Hook-Up covering 54,100 Statute Miles in three Minutes Twenty Seconds on Radiophone.

Six Radio Amateurs in as many Continents complete an all Continent "Round Table" chat in world record time. Their voices had to travel 54,100 Statute miles to complete the all Continent circuit. A distance equal to more than twice around the world. Speed in girdling the Globe was the object and 271 miles per SECOND was the reward.

For two weeks W4DLH of Goulds Florida, the originator of the "all Continent" Round Table" idea, was busy arranging test schedules with efficient Amateur Radiophone stations in other five Continents. January fourth was the date set for the trial run. 1230 Greenwich (International) time was the ZERO HOUR.

What were these six amateurs thinking of as the "Zero hour" approached? Surely each must have felt much concerned in the knowledge that he was chosen to represent his great Continent. Thought like this must have occurred: Suppose my phone transmitter should fail...suppose I cannot hear the station from whom I am to pick up and relay...any number of a hundred things could happen. Wouldn't failure on my part be a tremendous disappointment to five other Amateurs on as many other Continents? No success MUST come...each station must quickly weld his continental link to the fast moving chain that was destined to girdle the World at fame making speed. And SUCCESS IT was.

"Bill" Burkhardt, W4DLH representing North America, tee's off at Goulds Florida and after a short transmission turn it over to ASIA. VU2CQ of Bombay India turned the relay over to EUROPE. G5ML of Kenilworth England then quickly turned it over to South America. HK5AR chatted for thirty seconds and handed it to VK4JU of Brisbane Australia. From Australia the ever lengthening chain paused for forty seconds at Africa. SU7KG Alexandria Egypt was the relay for Africa, who quickly turned it back to W4DLH in Goulds Florida, to complete the 54,100 mile run in World record time of three minutes and twenty seconds.

Success at last...but behind the scenes sat six weary but happy Radio Amateurs. The all Continent "round table" did not just happen..it took hard work on the part of each Continental link. A common understanding and interest and the finest kind of cooperation made this historical radio fete possible. Any chain is only as strong as its weakest link..one little slip up meant failure. Plans had to be made and agreed upon, even the best time of day and time of month had to be considered. Bill Burkhardt of Goulds Florida daily for two weeks called the all Continent roll call at 1300 GMT. Short wave conditions and plans were discussed at these roll calls. And each Continental radio phone was on hand when conditions permitted to lend a helping hand.

(Cont next week).

I was going to pass this item over for one more week, but at the last minute find that I have one vacant page so had to fill in something. If you member like this let me know as I have several articles of this kind.

AMATEUR HI-LIGHTS

Boris Kozel, Amateur Editor 15412 Waterloo Rd., Cleveland, O.

CO2AV	-----	Ken Miller	-----	R- 8	QSA- 5	Miller
HY	-----	"	-----	R- 9	QSA- 5	Miller
EG	14.10	CQ - DX (England, Germany)	6:30 PM	R- 8	QSA- 4	Eder
KC	-----		-----	R- 8	QSA- 5	Miller
LY	-----		-----	R- 9	QSA- 5	Miller
		Manuel Gonzalez Rodriguez Box 570 Habana Cuba		R- 9	QSA- 5	L Herz
WW	-----		-----	R- 9	QSA- 5	Miller
WZ	-----		-----	R- 7	QSA- 4	Miller
CO7CX	14.04	Communicating with W4DHM	8:56 PM	R- 8	QSA- 4	C Eder
VF	14.06	Stand Bye (Virginia Penna)	10:10 PM	R- 7	QSA- 4	C Eder
CO8YB	14.05	Communicating with W2PY	7:48 PM	R- 6	QSA- 3	C Eder
F 3GR	-----		-----	R- 3	QSA- 3	Miller
HN	-----		-----	R- 7	QSA- 4	Gordon
G 2PL	-----	Calling CQ and testing	-----			Gordon
2PU	-----	Calling CQ	-----			Wagner
G 5BP	-----		5:28 PM	R- 5-6	QSA- 4	L Herz
		H. N. D. Bailey, 163 Newland Park, Hull, Yorks, England.				
5CQ	-----	Calling CQ - Dx-	-----			Wagner
5DT	-----		5:22 PM	R- 7	QSA- 4	L Herz
		Lt. S. C. Tucker, R. N. "Eadement" Crayford Kent, England.				
5LU	-----		5:24 PM	R- 7-8	QSA- 5	L Herz
		R. D. Tucker, Shoulders Wivelsfield Green, Haywards Heath, Sussex England				
5NI	-----	W.H.D. Nightingal "Winswood" 3 Beaks Hill Rd, Kings Norton	-----			Gordon
5RV	-----	Radio Victoria calling test and DX-	-----			Gordon
5SD	-----	A.M.C. Christian, "Dhoon House" Promenade, Castletown, Isle of Man	-----			Miller
6AN	-----	Calling CQ and DX	-----			Wagner
OL	-----		-----			Gordon
JQ	-----		5:26 PM	R-5-6	QSA- 4	L Herz
		W. W. Storer, Ratcliffe, Aerodrome, Leicester, England.				
6X	-----	Calling CQ	-----			Gordon
7E	-----		6:20 PM	R- 6	QSA- 4-5	L Herz
XB	-----		5:17 PM	R-6	QSA- 4-5	L Herz
		H. V. Cook, 78 Wyken Ave., Wyken Coventry, England.				
GI2CC	-----	Or may be it was GI2CZ	5:24 PM	R- 4-5	QSA- 3-4	L Herz
GM2UU	-----	Calling a W9	-----			Wagner
HHLPA	-----	Calling CQ-	8:45 PM	R- 6	QSA- 4	Gordon
HI5X	14.04	Calling W2CO	10:04 PM	R- 8	QSA- 5	C Eder
			5:29 PM	R- 9-10	QSA- 5	L Herz
		Walter Fox, Box 127, Ciudad Trujillo, D. R. (Carl Eder & Leo Herz)				
7G	-----		-----	R- 7	QSA- 5	Miller
KALBH	-----	Calling a K6 at 12:15 AM Feb 14th	-----			Wagner
K4FAY	14.29	South Rhodesia	11:53 PM	R- 8	QSA- 4	C Eder
K6BN R	14.26	Communicating with W4BY	11:20 PM	R- 9	QSA- 5	C Eder
			10:50 PM	R- 7	QSA- 5	L Herz
		Emil O. Rettig, Hq. Co. 21st Infantry Shoefield Barricks, Honolulu Hawaii				
MZK	14.20	Calling CQ	11:32 PM	R- 8	QSA- 4	C Eder
OOE	14.26	Communicating with W9FJ-	9:06 PM	R- 8	QSA- 4	C Eder
		Calling a W9-	-----			Gordon
LALF	-----		-----	R- 4	QSA- 5	Miller
LU5CZ	-----		-----	R- 5	QSA- 4	Miller
6KE	-----		-----	R- 7	QSA- 5	Miller

(Continued on Page Two)

Amateur Hi-Lights - - - - - Contined

OA4AL	- - - - -	- - - - -	R- 5	Q- 4	Miller
PAOMQ	Calling CC-DX @ 2:30 AM	- - - - -	- - - - -	- - - - -	Gordon
MZ	- - - - -	- - - - -	R- 7	Q- 4	Miller
PY2E T-	- - - - -	- - - - -	R- 7	Q- 5	Miller
SULCH	E.M.Chorlian, 24 Rue Tel-Fl-Kebir Heliopolis Egypt	5:22 PM	R5/6	Q5	L Herz
VELAW	C.H.Short, Armdale P.O. Halifax, N.S. Canada	6:02 PM	R-7	Q5	L Herz
BH	- - - - -	- - - - -	R-6	Q-4	Miller
CA	- - - - -	- - - - -	R-5	Q-4	Miller
DO	- - - - -	- - - - -	R6	Q-5	Miller
VE3HB	- - - - -	- - - - -	R-8	Q-5	Miller
4BD	- - - - -	- - - - -	R8	Q-5	Miller
BF	- - - - -	- - - - -	R-7	Q-4	Miller
GV	- - - - -	- - - - -	R-5	Q-5	Miller
JJ	- - - - -	- - - - -	R-8	Q-5	Miller
KZ	- - - - -	- - - - -	R-7	Q-4	Miller
OF	- - - - -	- - - - -	R-8	Q-5	Miller
RA	- - - - -	- - - - -	R-7	Q-4	Miller
TE	- - - - -	- - - - -	R-6	Q-4	Miller
TM	M.P.Sard, 1428 E 8th Ave., Calgary, Alta Canada	9:22 PM	R-8	Q45	L Herz
ZK	- - - - -	- - - - -	R-9	Q-5	Miller
VK2GU or VK2JU (???)	- - - - -	8:03 AM	R-6	Q45	L Herz
3JA	- - - - -	- - - - -	R-4	Q-4	Miller
RP	R.L.Payne, 39 Retreat Road, Newton, Geelong Aust.	8:02 AM	R-7	Q-4	L Herz
UOC	????? CRA Unknown	8:05 AM	R-6	Q-4	L Herz
ZZ	G.S.McLeod, Milne St., Crib Pt. Victoria, Aust.	8:00 AM	R-5	Q-4	L Herz
4FC	E.W.Cagney, Brakner St., Rockingham QLD, Aust.	8:00 AM	R56	Q-4	L Herz
VO1I	Oscar Hierlthy, 86 Pleasant St., St.Johns. N.F.	5:15 PM	R-9	Q-5	L Herz
	- - - - - Also heard by	- - - - -	R-7	Q-5	Miller
6D	Send QSO's via T.C.Cunningham 5228 Ponsard Ave., Montreal, P.O. Canada	9:25 PM	R-8	Q-5	L Herz
VP3BG	- - - - -	- - - - -	R-6	Q-4	Miller
6MR	- - - - -	- - - - -	R-7	Q-5	Miller
YB	T.A.Archer, Clarodon, Pine Rd., St. Michael 15, Barbados (50 Stamp)	10:04 PM	R-7	Q-4-C	Eder
14.06	QSO'ing with W1JUG	- - - - -	- - - - -	- - - - -	- - - - -
4DLK	- - - - -	- - - - -	R-9	Q-5	Miller
6HAX	- - - - -	- - - - -	R-8	Q-5	Miller
7ESW	- - - - -	- - - - -	R-8	Q-5	Miller
JQ	- - - - -	- - - - -	R-8	Q-5	Miller
9DZ0	- - - - -	- - - - -	R-7	Q-5	Miller
XELDT	Carlos Navia Fresno, Box 7, San Martin Texmelucan Puebla, Mexico	10:52 PM	R-9	Q-5	L Herz
KG	14.08 CQing(Kentucky Germany) Not in Call Book	8:37 PM	R-8	Q-4	C Eder
ZJR	- - - - -	- - - - -	R-3	Q-4	Miller
LK	- - - - -	- - - - -	R-8	Q-5	Miller
2BJ	J. Jesus Salido, Hacienda Alamada, Bacobampo Son.Mex	10:45PM	R-9	Q45	L Herz
FC	- - - - -	- - - - -	R-8	Q-5	Miller
YV5ABY	14.08 Calling W2AZ (CRA not listed in Call Book)	7:50 PM	R-7	Q3	C Eder
	- - - - -	5:19 PM	R56	Q-4	L Herz
1AO	14.00 CQing Alabama Quebec	8:47 PM	R-7	Q-4	C Eder
4AA	14.08 CQing America America	11:07 PM	R-6	Q-3	C Eder
5AP	14.25 Cornelio Nouel, Norte 13 #17 Caracas Venez-	7:38 PM	R-8	Q-4	C Eder
5QB	14.15 Herman Degwitz, Caracas Venez.	11:10 PM	R-7	Q-3	C Eder

Amateur Hi-Lights - - - - Continued.

ZS1B	Calling CQ	-----	R-7	Q-4	Wagner
3S	Calling CQ DX	-----	R-6	Q-4	Gordon
ZU6P	W.F.Meyer, 24 Sandown Rd.,	Bramley, Joannesburg S.A.	R-7	Q-3	C Eder

PLEASE SEND ALL REPORTS TO -

Boris Kozel Amateur Editor NRC., 15412 Waterloo Road, Cleveland, Ohio U.S.A.

CALLING CQ !

NATIONAL AMATEUR LISTENING POST NUMBER 4

Our NALP #4 is operated by Mr. Leo Herz of 730 Roscoe Ave., Chicago, Ill. U.S.A. Mr Herz has well earned the title "The Ears of Chicago's Lake Shore" He is a regular contributor to this section and we look forward to his reports with keen interest. We understand that Mr. Herz uses a C tube receiver of the all wave superheterodyne type. His antenna consists of an RCA RK40 erected in a general direction of North east to South west. We understand that he has 266 reports out and is looking for a "few" verifications to pop in most any old day. At the time of his writing this report he advised that there was a blizzard in progress in good old Chicago and the wind was rather strong. While he did not comment on how he found the Dxing conditions we take it from his report that they must have been quite good. In your next report to this section Mr. Herz we would be very happy to receive a little idea of how you find conditions for that particular time and no doubt our other readers will find these brief narratives of interest

EH5PA Jacques Berliant, Box 16, Port-Au-Prince, Hati was heard by Mr. Herz and he advises us that this gentlemen is a nonverifying "ham" In fact he will not QSL for SWL or QSO's. So remember boys don't waste your money in reports.

KEN MILLER

Mr. Ken Miller very delightfully suprised your "Ham Editor" with a very fine report showing the extent of his dx activities for the past week or so. We are certainly glad to get your report OM and we hope that it will not be too much if we ask you to continue sending in your splendid reports when ever you can. It seems that we don't know much about this gentlemen at the present writing, But we are going to put a little "heat" on our faithful friend Leo Herz and see if he can't wiggle a little bit of information about Ken for us and we'll pass it along later. This much we do know He lives in good old Chicago and we believe that he is residing on North Campbell Ave., and is a Pal of Leo Herz.

If you fellows want to do a little "rag chewing" why not send in short items on how you find DY conditions, interesting infro picked up from listening in and- well it is your column so just send in what you feel will be of interest, if you don't think we'll print why don't you just give us a try. We dare you, how about it?

Also we wouldn't mind it one bit if you wrote in and told us just how you liked the way we put up the information in this week's issue of the "Ham Section" If you would like to see it continued or want it abolished just drop a penny postal card to your Ham Editor whose address appears above and lets see how the majority stands - FOR or AGAINST! Lets keep up the good work, we have a dandy "Ham Edition" this week. Well so long till next time best of luck and 73's Boris.

WBMMQ is now signing off



By : Anne Eder, Willmar, Minn.

Short Wave Editor.

 Program Values : VP - Q2 R3; P - Q3 R4; F - Q3 R 5-9; G- Q4 R6-7; VG Q5 R8. E- Q5R9

A F R I C A

Canary Isl:	EAJ43	- 10.37	PF	Teneriffe, Salama nca Relay, See Station news.- LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
SO Africa	ZRK	9.606	FG	Kliepheuvel, ARTHUR B. JOHNSON NY* LEO HERZ CHICG* KEN MILLER CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
	ZRH	9.523	G	Robert Hights, - ARTHUR B. JOHNSON NY* LEO HERZ & KEN MILLER CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
Sp Morocco	EA9AH	14.03	F	Tetuan, see station news; LUNDBERG & EDER'S MINN*

A S I A :

China	ZBW3	9.525	PF	Hong Kong, C.Forestieri NY. EDER'S MINN*
India	VUD-2	9.59	PF	Delhi, See Station news, ARTH B. JOHNSON NY EDER'S*
Japan	JVH	14.60	F	Tokyo, EDER'S MINN* about 9 am,
	JVN	10.66	P	Tokyo, EDER'S MINN* 8.30 pm.
	JZJ	11.80	VG	Tokyo, Has two morning programs 6-6.30 & 7.-7.30am C.FORESTIERI NY* KEN MILLER & LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
Manchukou	JDY	9.94	FG	EDER(S MINN* Erratic ,
Neth Ind.	PLP	11.00	F	EDER'S? 8.00 am,-
	PMN	10.26	P	C. FORESTIE RI NY*
	YDB	9.55	F	Soerajaba, C.FORESTIERI NY* EDER'S MINN *
Phil ip.	KZRM	????	P	FORESTIERI *NY. 9.57 or 11.84

O C E A N I A

Australia	VK2ME	9.59	VG	SYDNEY; Gong at 6am striking 9pm Sydney time C. FORESTIERI NY*
	VK3ME	9.50	FG	FORESTIERI NY* LEO HERZ CHICAGO? LAWRY LUNDBERG & EDER'S MINN.
	YLR	9.58	FG	C. FORESTIERI NY* LUNDBERG & EDER'S MINN*
FIJI ISL	VPD2	9.54	F	EDER'S MINN. sign off at 7.00 am,

E U R O P E

CZECHOSLO	OLR4C	11.86	G	SERGIO GONZALEZ CUBA*
VAKIA	GSB	9.51	VG	Leo Harz, Chicago * C. FORESTIERI NY*
England	GSC	9.58	VG	LEO HERZ CHICAGO* EDER'S MINN.
	GSD	11.75	FG	C. FORESTIERI NY* EDER'S MINN.
	GSG	17.79	VG	C. FORESTIERI NY* EDER'S MINN.
	GSP	15.14	F	C. FORESTIERI NY* EDER'S & LAWRY LUNDBERG MINN*
	GSI	21.53	F	C. FORESTIERI NY*
	GSL	6.11	PF	EDER'S MINN.
France	TPA2	15.24	G	C. FORESTIERI NY*
	TPA3	11.88	F	C. EDER'S MINN.
Germany	DJA	9.56	FG	C. FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG EDER'S MINN. DE

E U R O P E - Continued :				
Germany	DJB	15.20	VG	C.FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG MINN* EDER'S MINN.
	DJC	6.02	F	LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN.
	DJD	11.77	FG	SERGIO GONZALEZ CUBA* LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN*
	DJE	17.76	FG	C. FORESTIERI NY*
	DJL	15.11	FG	C. FORESTIERI NY* EDER'S MINN*
	DJN	9.54	PF	LUNDBERG & EDER'S MINN*
	DJQ	15.28	PG	C. FORESTIERI NY*
	DZC	10.29	F	LAWRY LUNDBERG MINN*
Hungary	HAT4	9.12	F	LAWRY LUNDBERG & EDER'S MINN. *
Iceland	TFJ	12.23	PF	LEO HERZ CHICAGO, LAWRY LUNDBERG & EDER'S MINN.*
Italy	2R03	9.64	G	Rome, - C. FORESTIERI ARTH B. JOHNSON NY, LEO HERZ CHG LAWRY LUNDBERG & EDER'S MINN*
	IRF	9.80	VG	ARTH. B. JOHNSON & C. FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN*
	IQY	11.90	G	ARTH B. JOHNSON & C. FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN*
	IQA	14.73	F	KEN. MILLER CHICAGO* LADY ANNOUNCER.
Netherland	PCJ	9.59	E	EDER'S MINN*
Poland	SPD	11.53	P	EDER'S MINN.
	SPW	13.63	F	EDER'S MINN. (Not audible on Special)
Portugal	CSW3	9.94	G	LAWRY LUNDBERG & EDER'S MINN*
Russia	RAN	9.60	FG	SERGIO GONZALEZ CUBA* LEO HERZ CHICAGO * EDER'S MINN*
	RNE	12.06	F	LAWRY LUNDBERG MINN*
Spain	EAR	9.488	G	EDER'S MINN*
Vatican	HVJ	15.17	P	LEO HERZ CHICAGO *
S O U T H A M E R I C A				
Argentina	LRX	9.66	E	LAWRY LUNDBERG & EDER'S MINN*
Brazil	BSH	10.22	G	R. HOYNES LONDON, FRANK POTTS EDMONTON CANADA* LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
Colombia	HJ1ABE	4.86	FG	LEO HERZ CHICAGO (Sked 8.00 - 10.30 pm.)
	HJ1ABP	9.60	VG	C.FORESTIERI NY* LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER
	HJ3ABH	4.90	G	C. FORESTIERI NY*
	HJ6ABH	9.52	FG	LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
	HJ6ABU	8.675	G	Medelin - EDER'S MINN (Testing 10-11 pm.)
	HJ7ABD	9.63	VG	Bucaramanga : FRANK POTTS EDMONTON CANADA* KEN MILLER & LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN:
Ecuador	HCJB4	7.41	FG	ARTHUR B. JOHNSON NY* See Station news.
	HC2LSB	7.85	F	EDER'S MINN*
	HC1CQ	9.17	G	Quito, - EDER'S MINN* (Sig off 10.45 Blue Donube waltz)
	HCJB	8.84	G	Quito, EDER'S MINN* (Friendship hour engl, Sun 9-9.30pm)
Chile	CD1190	11.914	FG	ARTHUR B. JOHNSON NY* See station news:
Peru	OAX4T	9.56	VG	Lima * C.EDER'S MINN- Heard 7 am -
	OAX4J	9.34	P	Lima- C.EDER'S MINN.
Uruguay	CXA8	9.64	VG	LAWRY LUNDBERG & EDER'S MINN*
Venezuela	YV1RB	5.35	VG	Maracaibo- EDER'S MINN*
	YV1RI	6.21	VG	SERGIO GONZALEZ CUBA *
	YV1RL	5.935	VG	R. HOYNES LONDON* SERGIO GONZALEZ CUBA* LEO HERZ CHICAGO EDER'S MINN*
	YV4RB	6.53	FG	EDER'S MINN* Mention Radio Phillips* Valencia -
	YV5RC	5.80	E	LEO HERZ CHICAGO * EDER'S MINN*
	YV5RP	6.27	G	Caracas- SERGIO GONZALEZ CUBA* EDER'S MINN*
	YV6RB	6.54	FG	EDER'S MINN* Signed off 9.20 pm.--

Please send your reports on Short Wave reception to Mrs Anne Eder, Pouch A, Willmar Minn.

CENTRAL AMERICA *

Costa Rica	TIEP	6.68	G	San Jose - EDER'S MINN*
	TILS	5.90	F	San Jose - EDER'S MINN*
	TIPG	6.41	F	San Jose - EDER'S MINN
	TIGPH	5.87	F	SAN Jose - EDER'S MINN*
	TI4NRH	9.70	VG	Heredes - ARTH B. JOHNSON & C. FORESTIERI NY* SERGIO GONZALEZ CUBA * EDER'S MINN*
Guatemala	TGQA	6.44	G	ARTH B. JOHNSON NY* EDER'S MINN* See Station news-
	TG2X	5.94	G	Guatemala City .. Eder's minn - C. FORESTIERI NY.
	TG2	6.20	G	Guatemala City. SERGIO GONZALEZ CUBA* LAWRY LUNDBERG & EDER'S MINN*
	TGWA	9.68	VG	C. FORESTIERI NY* EDER'S MINN*
	TGWA	15.17	F	EDER'S MINN*
Honduras	HRN	5.875	F	Tegucigalpa, - SERGIO GONZALEZ CUBA* EDER'S MINN*
	HRD	6.23	VG	LAWRY LUNDBERG & EDER'S MINN*
Br Hond	ZIK"	6.235	F	R. HOYNES LONDON ENGLAND *
Nicaragua	YNOP	5.75	F	LEO HERZ CHICAGO * EDER'S MINN*
	YNLG	6.61	F	EDER'S MINN*
	YN1GG	6.51	P	EDER'S MINN (QRM'ed by CW)
Panama	HP5A	LL.70	F	LAWRY LUNDBERG MINN*
	HP5B	6.03	F	EDER'S MINN*
	HP5J	9.59	FG	SERGIO GONZALEZ CUBA * KEN MILLER CHICAGO *
	HP5K	6.001	VG	SERGIO GONZALEZ CUBA*
	HP5I	11.90	P	LAWRY LUNDBERG MINN*
Salvadore	SSD	7.89	VG	EDER'S MINN*

WEST INDIES

Cuba	COCX	9.25	G	This station has program in Yiddish * EDER'S MINN*
	COCQ	9.75	E	C. FORESTIERI NY* HERZ CHICAGO*
	COCM	9.86	E	C. FORESTIERI NY* LEO HERZ CHICAGO?* EDER'S MINN*
Dom Rep	HI2X	11.97	VG	LAWRY LUNDBERG MINN *
	HIN	6.24	G	Trujillo, - EDER'S MINN*
F.W.I.	9.68	G	Radio Martinique Ft de France, - LAWRY LUNDBERG MINN*
Haiti	HH3W	9.64	F	EDER'S MINN*
	HH2S	5.89	F	EDER'S MINN*

NORTH AMERICA

Mexico	XEBT	6.00	G	EDER'S MINN *
	XEUW	6.02	F	EDER'S MINN*
	XEWI	11.90	F	EDER'S MINN*
	XEFT	9.55	G	SERGIO GONZALEZ CUBA *
	XEBR	11.82	FG	Hermosela - KEN MILLER CHICAGO *
	XEWW	9.50	E	FRANK POTTS EDMONTON * LEO HERZ CHICAGO *
	XEWW	15.16	F	EDER'S MINN.
Canada	CJRX	11.72	E	EDERS MINN * (Winnipeg)
	CJCX	6.01	G	Sydney NS. - SERGIO GONZALEZ (Audible after COCO isoff
	VE9CA	6.03	E	Calgary - EDER'S MINN*
USA:	W2KE	11.83	P	NY* - Very fluttery LAWRY LUNDBERG MINN*
	WLXK	8.65	G	Springfield Mass asking for reports. EDER'S MINN*
	WLXAL	6.04	E	SERGIO GONZALEZ CUBA *

We wish to take this opportunity to express our Thanks and appreciation to KENN MILLER of Chicago and FRANK POTTS of Edmonton Alta Canada for their reports we hope to see you join up with the NRC in the near future .

We also thank our NPO: Carl Forestiery NY, ARTH B. JOHNSON NY. SERGIO GONZALEZ HAVANA CUBA . LEO HERZ CHICAGO and last but not least LAWRY LUNDBERG the TWIN CITY NIGHT OWL for their Loyal support. Ann'.

***** STATION NEWS ----- & ----- NEW STATIONS *****

Radio Milano : 10.70 mc, Announcing as Italian Communist station was heard by Carl Forestieri NY. They do not give locations and Carl is certain that this station is NOT located in Italy.

6B 1190 -----: La Voz de Valdiva City, Valdiva City, Chile Arthur B. Johnson N.Y. logged them actually on 11.914 mc.

HCJB-4 -----: Logged by Arthur B. Johnson NY. on 7.41 mc, this station is not in parallel with HCJB the call was positively identified but , Slogan and location yet to be determined.

TGQA -----: Quetzaltenango Guatemala, : La Voz de Quezaltenango heard 6.44mc frequency variable from 6.436 to 6.444 broadcasting in parallel with TGW , Send reports to : TGQA % Director General of Electrical Communications, Guatemala City.

Portuguese Mystery Station 6.65 mc, (45 meters) on off days Call not identified but Physical Laboratory of the University of Coimbra, Portugal have been mentioned ; (F. W. Hill London England.)

German Broadcast to Brazil - Every Wednesday 19.00 - 20.00 GMT (Thu 12.am - 1am)
Berlin broadcast to the Radio Club of Brazil at Pernambuco over
DZC 14.888 mc, DZE 12.13 mc, DZG 15.36 mc, and DZH 14.60 mc,
(F.W.Hill London England,)

Relays from Radio Salamanca Spain : over a network with War Bulletins by General Franco 10.373 (EDR4) Teneriffe Las Palmas ; - 7.006 mc (FET1) Valluodolid ; - 7.206 mc, (EAJ8) San Sebastian, 7.027 mc, (FET) Victoria - 7.24 mc Gijon, - 14.032 mc, Taca, - 7.121 mc, Alcazarguivis. vis - (F. W. Hill London England :

Malayan Broadcasts: 2 new stations of the British Malaya Broadcasting Corp. will be inaugurated in March ; ZHF 9.53mc (31.48 metres) and ZHO on 6.012 mc, ZHP will transmit Sat & Sun only while ZHO will be on weekdays only.- Power and schedule not known as yet. F.W.HILL. London)

Switzerlands Projected SW Transmitter. by the Swiss Government has been proposed in the neighborhood of Berne, and will be 20 KW. (R.HOYNES LONDON)

The London DX'er who recently won the Short Wave & Television Trophy (awarded to the SW Listener who receives most stations in a month) was an unemployed man His achievements have been awarded by Messers Peto Scott, London England who gave him a job , apart from that they have made an exact duplicate of the 2 tube receiver and put in on the market the Name is " The B.T.S. Trophy2". R.B. HOYNES LONDON.

Attention Members :

Mr F.W. Hill, 24 Athelney St , Bellingham S.E.6. London England, has very kindly offered his services to any member wishing to obtain English Postage stamps (Unused) to exchange them for US Coin or in small lot for U.S. Stamps,

We wish to thank Mr Hill and R. Hoynes for their contributions to the S.W. Pages, and hope to see you come back with more. Friend Hill we hope to see your name on the list of NEW MEMBERS in the near future . Cheerio O.M.

After-Night Monitoring Schedule

(Key to numbers) 317 to 350 Monitored from Grand Island

 " " " 351 to 384 Monitored from Atlanta

 " " " 385 to 418 Monitored from Chicago

 " " " 419 to 452 Monitored from San Pedro

The numbers above are all keys to Thursdays Schedule

(Cont.)

2nd Thursday		2nd Thursday		2nd Thursday							
5:10	5:25	1210	KHBG 331 Okmulgee Okla	5:40	5:55	1210	WMFG 337 Hibbing Minn	6:30	6:45	347	
			377				383			1070	KJBS 437 San Francisco
			411				417	6:35	6:50	348	
			421				427			1310	KSUB 438 Ceder City Utah
5:15	5:30	1370	KONO 332 San Antonio Tex	5:45	6:00	1420	KRLH 338 Midland Tex	6:40	6:55	349	
			378				384			1210	KDON 439 Monterey Calif
			412				418	6:45	7:00	350	
			422				428			750	Kgu 440 Honolulu T.H.
5:20	5:35	1500	KGKB 333 Tyler Tex	5:50	6:05	1310	KCRJ 339 Jerome Ariz	6:50	7:05	1260	KHSL 441 Chico Cal
			379				429	6:55	7:10	1210	KROY 442 Sacramento Cal
			413	5:55	6:10	1210	KIUL 340 Garden City Kan	7:00	7:15	443	
			423				430	7:05	7:20	444	
							431	7:10	7:25	445	
5:25	5:40	1210	KASA 334 Elk City Okla	6:00	6:15			7:15	7:30	446	
			380					7:20	7:35	447	
			414	6:05	6:20			7:25	7:40	448	
			424			1310	KHUB 432 Watsonville Cal	7:30	7:45	449	
5:30	5:45	1370	KFRO 335 Longview Tex	6:10	6:25			7:35	7:50	450	
			381			1420	KGGC 433 San Francisco C	7:40	7:55	451	
			415	6:15	6:30			7:45	8:00	452	
			425			1370	KGAR 434 Tucson Ariz				
5:35	5:50	1500	KNOW 336 Austin Tex	6:20	6:35						
			382			1310	KSRO 435 Santa Rosa Cal				
			416	6:25	6:40						
			426			740	KTRB 436 Modesto Cal				

After-Midnight Monitoring Schedule

(Key to numbers) 453 to 486 Monitored from Grand Island
 " " " 487 to 508 Monitored from Boston
 " " " 509 to 542 Monitored from Chicago
 " " " 543 to 564 Monitored from Baltimore

The above numbers are all keys to Fridays Schedule

2nd Friday			2nd Friday			2nd Friday		
3:00	3:15	487 509 1370 WSVS 543 Buffalo n y	3:45 4:00	1310 WRBW 552 Reading Pa	4:20 4:35	1500 WMBQ 503 Brocklyn N Y		
			3:50 4:05	1500 WSYB 497 Rutland Vt			525	
3:05	3:20	488 510 1310 WJAC 544 Johnstown Pa		519 1370 WDAS 553 Philadelphia Pa	4:25 4:40	1370 WRAK 559 Williamsport Pa		
3:10	3:25	489 511 1210 WJTN 545 Jamestown N Y	3:55 4:10	1290 WNEZ 498 Saranac N Y			458	
				520		1210 WGNV 504 Newburgh N Y		
3:15	3:30	490 512 1370 WBLK 546 Clarksburg W Va		570 WSYR 554 Syracuse N Y		1310 WBOW 526 Terre Haute Ind		
			4:00 4:15	453	4:30 4:45		560	
3:20	3:35	491 513 1420 WLEU 547 Eric Penna		499 521 1310 WBRB 555 Wilkes-Barre Pa			459	
			4:05 4:20	454	4:35 4:50	1420 KATM 460 Albert Lea Minn		505
3:25	3:40	492 514 1210 WSAV 548 Rochester N Y		500 522 1500 WNLC 500 New London Conn			506	
				556 1370 WBTM 556 Danville Va		1500 WKBB 528 Dubuque Iowa		
3:30	3:45	483 515 1310 WGH 549 Newport News Va	4:10 4:25	455 1210 WGBB 501 Freeport N Y	4:40 4:55	890 KARK 461 Little Rock Ark		
				523 1430 WHEC 557 Rochester N Y			562	
3:35	3:50	494 516 1420 WMBS 550 Uniontown Pa	4:15 4:30	456 1200 WHTT 502 Hartford Conn	4:45 5:00	1210 WJIM 529 Lansing Mich		
				524 558 1370 WHLB 462 Virginia Minn			563	
3:40	3:55	495 517 1350 WMEG 551 Richmond Va		524 558 1200 WHTT 502 Hartford Conn		1310 WEXL 530 Royal Oak Mich		
			4:20 4:35	457			564	
3:45	4:00	496 518 1430 WOKO 496 Albany N Y			4:50 5:05	1420 KIUN 463 Pecos Texas		
							531	

After-Midnight Monitoring Schedule

(cont)

2nd Friday

4:55	5:10	1200 KFJB 464	6:15	6:30	480
		Marshalltown Ia			
		532	6:20	6:35	481
5:00	5:15	1230 KGGW 465	6:25	6:40	482
		Albuquerque N M			
		1310 WBAQ 533	6:30	6:45	483
		Marquette Mich			
5:05	5:20	1420 KGIW 466	6:35	6:50	484
		Alamosa Colo			
		1500 WKBW 534	6:40	6:55	485
		Richmond Ind			
5:10	5:25	1200 KGDE 467	6:45	7:00	486
		Fergus Falls M			
		1210 WHBF 535			
		Rock Island Ill			
5:15	5:30	1370 KGFL 468			
		Roswell N.Mex			
		1310 WEMP 536			
		Milwaukee Wis			
5:20	5:35	1420 KEUB 469			
		Price Utah			
		537			
5:25	5:40	1200 WCAT 470			
		Rapid City SDak			
		1210 WEBQ 538			
		Harrisburg Ill			
5:30	5:45	1370 KWYO 471			
		Sheridan Wyo			
		539			
5:35	5:50	1420 KIDW 472			
		Lamar Colo			
		540			
5:40	5:55	1200 KFKJ 473			
		Grand Jet Colo			
		541			
5:45	6:00	1230 KGBX 474			
		Springfield Mo			
		542			
5:50	6:05	1310 KRQA 475			
		Santa Fe N Mex			
5:55	6:10	476			
6:00	6:15	477			
6:05	6:20	478			
6:10	6:25	479			

After-Midnight Monitoring Schedule
 (Key to numbers) 565 to 598 Monitored from Grand Island
 " " " " 599 to 632 Monitored from Atlanta
 " " " " 633 to 666 Monitored from Chicago
 " " " " 667 to 700 Monitored from Portland

2nd Saturday		2nd Saturday		2nd Saturday	
3:00	3:15	599	4:05 4:20	566	4:45 5:50
		633	1120 WJBO	612	Blytheville Ark
			Baton Rouge La		1370 WMBR 620
3:05	3:20	600	1380 WSMK	646	Jacksonville Fla
		634	Dayton Ohio		1200 WMFC 654
				567	Lapeer Mich
3:10	3:25	601	1310 WTAL	613	4:50 5:05
		635	Tallahassee Fla		1270 KGCA 575
			1210 WQMT	647	Decorah Iowa
			Manitowoc Wisc		621
3:15	3:30	602	4:15 4:30	568	4:55 5:10
		636	1290 WNEF	614	1210 KOGA 576
			San Juan P R		Kilgore Tex
3:20	3:35	603	570 WOSU	648	1310 KVOL 622
		637	Columbus Ohio		Lafayette La
				569	656
3:25	3:40	604	4:20 4:35		5:00 5:15
		638	1420 WMSD	615	1500 KEIX 577
			Muscle Shoals A		Muskogee Okla
			1020 WDE	649	1200 WBNO 623
			Tuscola Ill		New Orleans La
3:30	3:45	605	4:25 4:40	570	
		639	1310 WGTM	616	5:05 5:20
			Wilson N C		1260 KPAC 578
3:35	3:50	606	1210 WBHU	650	Port Arthur Tex
			Anderson Ind		624
		640	4:30 4:45	571	
			1500 WKBZ		668
			Muskegon Mich		
3:40	3:55	1210 WJW		641	5:10 5:25
			1200 WJBW	617	1210 KANG 579
			New Orleans La		Withita Kans
3:45	4:00	1430 WBNS	570 WKBN	651	1310 WROL 625
			Youngstown O		Knoxville Tenn
3:50	4:05	1200 WOLS	4:35 4:50	1010 WNAD	572
			Florence S C		Norman Okla
		1450 WGAR		643	1420 WGFC 618
			Cleveland Ohio		Albany Ga
3:55	4:10	1310 WLAJ		610	1240 WXYZ 652
			Lakeland Fla		Detroit Mich
		1210 WCOL	4:40 4:55	1500 KOVC	573
			Columbus Ohio		Valley City N D
4:00	4:15	565		1310 WTJS	619
			Jackson Tenn		660
		1360 WQBC		611	1210 WTAX 653
			Vicksburg Miss		Springfield Ill
		1070 WCAZ		645	
			Carthage Ill		

After-Midnight Monitoring Schedule

2nd Saturday				2nd Saturday				2nd Saturday			
5:20	5:35	1240 KLPM	581	5:55	6:10	1210 KPFA	588	7:15	7:25		693
		Minot N Dak	627			Helena Mont	678	7:15	7:30		694
			661	6:00	6:15		589	7:20	7:35		695
			671			1250 KIT	679	7:25	7:40		696
5:25	5:40	1210 KVGO	582	6:05	6:20	Yakima Wash	590	7:30	7:45		697
		Ardmore Okla	628			900 KGBU	680	7:35	7:50		698
			662	6:10	6:25	Ketchikan Alas	591	7:40	7:55		699
			672			1210 KFJI	681	7:45	8:00		700
5:30	5:45	1270 KWLC	583	6:15	6:30	Klamath Falls	592				
		Decorah Iowa	629			1310 KGEZ	682				
			663	6:20	6:35	Kalispell Mont	593				
			673			1260 KGVO	683				
5:35	5:50	1310 KTSM	584	6:25	6:40	Missoula Mont	594				
		El Paso Tex	630			1210 KGY	684				
			664	6:30	6:45	Olympia Wash	595				
			674			1310 KXRO	685				
5:40	5:55	1210 KWTN	585	6:35	6:50	Aberdeen Wash	596				
		Watertown S D	631			1450 KGDX	686				
			665	6:40	6:55	Wolf Point Mont	597				
			675			1120 KFIO	687				
5:45	6:00	1250 WLB	585	6:45	7:00	Spokane Wash	598				
		Minneapolis Min	632			1310 KINY	688				
			666	6:50	7:05	Juneau Alaska	689				
			676	6:55	7:10	780 KFQD	689				
5:50	6:05	1370 KOEH	587			Anchorage Alaska	690				
		Rapids City S D	677	7:00	7:15	1390 KRLC	690				
						Lewiston Idaho	691				
				7:05	7:20		692				