

# MINILOG

*FM Rig*

AMATEUR RADIO STATION *W4DFU*

ENGAGED IN PORTABLE & MOBILE OPERATION

*Gator Amateur Radio Club*

LICENSEE *525 E & I Bldg.*

HOME ADDRESS *University of Florida*

*Gainesville, Florida*

BOOK NO. *one*

FROM *Feb. 1, 1964*

TO *Sept 25, 1966*

30c

U. S. A. Proper



AMERICAN RADIO RELAY LEAGUE  
WEST HARTFORD 7 • • CONNECTICUT

## IMPORTANT — FILL IN

To the Radio Amateur:

Your call and name go on the cover. To meet FCC log requirements the repetitive operating information on your station must be recorded (below) so you need only record subsequent **changes** in the log itself. Be sure to read the further information on the inside rear cover.

UNLESS OTHERWISE SHOWN BY FURTHER ENTRIES IN THIS LOG:

Input to final stage is 75 watts.

Frequency or band used: 29.55

Type of emission: F-3

Type of ~~vehicle or mobile~~ unit in which installed: \_\_\_\_\_

Base Station

An "X" in the call columns means the call of this station, W4DFU

All operation is by

Club Members

(Written signature of chief operator)

Gator Amateur Radio Club  
525 E & I Bldg.  
University of Florida  
Gainesville, Florida

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1964 Feb 1 1600	10-8	10-7		1636	signature of operator Jim Blumberg
1603	K4VNZ/M	X		1617	Ed " " K4VNZ
1610	W4ZJZ/M	X		1615	Ken " " "
1705	W4ZJZ/M	X		1730	Ken " " "
1800	K4VNZ	X		—	" " "
1830	W4UUW/M	X		1836	Mitch " "
2130	10-8 TEST	10-7		2155	" " "
1915	10-8	10-7		1930	" " "
1928	10-8	10-7		1950	" " "
1928	X	K4BDP/M		1930	Bill " " "
1933	X	K4VNZ/M		1950	Ed " " "
1943	X	W4ZJZ/M		1950	Ken " " "
1945	X	W4UUW/M		1950	Mitch " " "
1945	X	W4TRK/M		1950	Walt " " "

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
Feb 64					<i>Signature of operator</i>
5 1835	10-8	10-7		1900	Jim Oliver <del>W4VW</del>
2117	10-8	10-7		2125	" " "
7 1650	10-8	10-7		1825	" " "
1800	? (no modulation)	X		1805	" " "
8 1040	10-8				" " "
1050	W4VWZ/M	X		1058	Ed " "
1050	W4TKEM	X		1120	Walt " "
1105	W4W4W/M	X		1120	Mitch " "
1105	W4ZJZ/M	X		1110	Ken " "
1145	W4W4W/M	X		1150	Ted " "
1210	W4W4W/M	X		1215	" " "
9 1500	10-8	10-7		1600	" " "
1535	W4TKEM	X		1600	Walt " "
1535	W4ZJZ/M	X		1600	Ken " "

	DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
10	Feb 64 2105	10-8	10-7		2305	Signature of Operator Jim O'Connell K4MZH
14	1650	TEST	X		1652	SWR 1.1:1 " " "
	1710	K4JUZ/M	X		1720	2/10 " " "
	1710	K4BPP/M	X		1715	Bill " " "
	1720	10-8	10-7		1755	" " "
	1745	K4JUZ/M	X		1750	" " "
19	1123	10-8	10-7		1200	" " "
	2040	10-8	10-7		2100	" " "
	2045	X	W4JTX/M		2100	" " "
21	1337	10-8				" " "
	1435	K4JUZ/M	X		1440	" " "
	1440	X	W4JTX/M		1510	Bill " " "
	1520	W4JTX	X		-	" " "
	1540	W4JTX/M	X		1550	" " "



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL (signature of operator)
22 0935	10-8	10-7		0945	Jim O'Brien K4MZR
0940	K40VDM	X		0944	Paal " " "
0943	X	K4UNZ/M		0945	Ed " " "
25 1945	10-8	10-7		2145	" " "
26 1909	10-8	WA4JKX		1911	K4K20 a unit Ellington He says other mike, AcC
29 R100	K4RDM	X		<del>2130</del>	S. Donald Wa4qby
"	W4UW/M	X		2118	" "
"	K4DTM	X		2118	" "
March 1964					
3 2020	10-8	10-7		<del>2022</del>	J.E. O'Brien K4MZR
4 2000	10-8	10-7		2300	S. Donald Wa4qby
5 1200	10-8	10-7		1440	J.E. O'Brien K4MZR
6 1820	10-8	10-7		1820	" " " "
1805	W4UW/M	X		1810	Mitch " " " "

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
3/6 1505	H4WXXM	X		1506	J. O. Oliverson
3-9-64 0545	10-8	x	x	0050	Larry Martin WAACOE
9 1100	10-8	10-7		1315	J. O. Oliverson H4WXXM
1205	W4KZL	X		1215	Sparks S. Bonadue W4WBY
1423	10-8	<del>10-7</del>		1900	J. O. Oliverson H4WXXM
1423	X	W4JZM		1440	Ken " "
1423	X	W4HZE		1450	Sparks " "
1523	W4WUW	X		1525	Mitch " "
1610	W4FLJM	X		1705	Lamar <sup>Thornton</sup> " "
1650	W4KZL			1705	Sparks " "
1652	X	W4WUW/M		1655	Mitch " "
1730	W4KZL	X		1700	Sparks " "
1730	W4FLJM	X		1750	Lamar " "

	DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
37	1915	W4KTX	X		1945	Jim Bil Si. Donnie W. W.
	"	W4KZL	X		"	" "
3-8	1230	10-d				" "
9	2000	10-8	10-8		2045	Jim Bil ent. with 9-13-8
12	1120	10-8	10-7		1230	" " "
	1120	W4KZL	X		1748	Sparks " " "
	1450	10-8	10-7		2315	" " "
	1950	W4KZL	X			" " "
	2237	W4KUN	X		242	Mitch " " "
13	1836	10-8	10-7		225	" " "
	2110	K4VNZM	X		215	Ed " " "
14	1055	10-8				" " "
	1055	X	W4FLJ/M		1110	Lamar " " "
	1105	X	W4JK/M		1110	Bill " " "



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
11 40	WA9JHX	X		1215	Bill <i>operator:</i> Jim O'Brien
1350	10-8	10-7		2030	" " K4MBN
1350	W4KZL	X		1410	Sparkes " "
1457	10-8	10-7		2030	" " "
1510	K9JUZ	X		1820	hatsy " "
1200	W4KZL	X		1210	Sparkes " "
1200	W4UWV	X		1210	Mitch " "
1400	WA4JKKM	X		1405	" "
1725	K4JUZ/M	X		1735	" "
1725	W4UWV/M	X		1740	" "
1725	W4KZL	X		1735	" "
1740	10-8	10-7		1915	" "
1610	10-8	10-7		1820	" "
1610	X	W4KZL		1613	Sparkes " "

0.32  $\mu$ V 20 db quieting

0.125  $\mu$ V 10 db "

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1715	X	W49EUA		1725	AL Oliveira
1715	H4RDP	X		"	"
30 1755	10-8	10-7		1810	"
2015	H4RPF	X		2020	"
2015	X	W4KZL		2020	"
2025	K4JUZM	X		2035	"
31 0927	10-8	10-7		0935	"
April 5					
3 1535	10-8	10-7		1855	"
1645	X	H4VUZM		1655	Ed
1720	W4WUW	X		1722	Mitch
2100	W427Z	X		1910	Ken S. Donohue
2110	W4KZL	X		1915	Spencer
11	W4UWU	X		"	

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL (operator)
11 1107	10-8	10-7		1210	A E Oliveira
1125	W4KZL	X		1130	Bill W4JKX 41 K4MZR
1150	W4KZL	X		1210	Sparks 4 4
1405	10-8	10-7		1407	" "
13 0910	10-8	10-7		1030	" "
15 0915	10-8	10-7		2127	X "
2925	K40VD/M	X		2127	" "
	<del>10-8</del>				
	4-24-64				
1413	10-8			1900	Bruce Libyone K4TQC
1830	W4JKX/M			"	Bill " S. Donahue W4KDX
1930 <sup>25</sup>	10-8	10-7		2230	S. Donahue W4KDX
1615	W4KZL/M	X		"	



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
4-27					S. Bonahue W4KBY
1245	W4YJHX	X		1252	Bill
1620	10-8	X			" " "
1730	W4PPZ	X		1731	
1835	W4TKE	X			Walt
28 1535	10-8	10-7		1550	J. E. Olivebraun
1615	10-8	10-7		1725	S. Bonahue W4KBY
2100	TEST	X		2103	J. E. Olivebraun
29 1710	W4UNW	X		1730	Witch
1730	X	W4TKE		1750	Walt
1740	X	W4UNZ		1800	BJ
1845	W4UNZ	10-7		1900	
1938	10-8	10-7		2245	J. E. Olivebraun
2025	W4UNW	X		—	

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
2100	W4UUV	X		2109	Mitch / AC Oliverman
2100	X	W4ZJZ		2115	Den ↓
1525	10-8	10-7		1926	
1645	W4ZJZ	X		1650	
1645	K4DPZ	X		1650	
1750	W4TKE	X		1810	Malt
1751	X	K4DPZ		1801	Joray
1757	X	K4JUZ		1817	John
1920	W4UUV	X		1927	Mitch
1923	X	K4VNZ		1926	↓
5-1					
1130	10-8	10-7		1236	S. Oliverman
1700	10-8	10-7		1915	"
2004	10-8	10-7		0046*	AC Oliverman

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1 May 1030	WA9JKX/M	X		2045	Bill
2220	K4VNEM	X		2245	
2227	WA9JKX	X		2245	
2 1136	10-8				
1145	W4THEM			1200	
1215	W4HAN/M			1220	
1403	10-8	10-7		1455	
1404	W4KZL	X		1409	
1425	K9DTM	X		1430	
1425	W4KZL	X		1455	
1435	W4THE	X		1455	
1631	W4KZL	X			
2120	WA9FLJ/M	X		2130	
2210	W4KZL	X		2214	

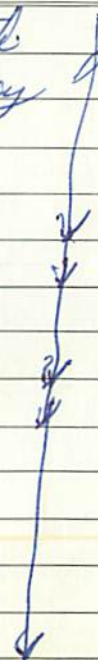
J.E. Olive  
B.F. Hlubek  
K9TOL

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
2230	K4VNZM	X		2300	
5-3-69					
1330	10-8				Bruce Libeyou K9TDC
4 1620	10-8	10-7		2000	↓ J.E. Livenshaw
1630	K4JLZ	X		1640	
1635	WA4JZ	X		1650	
1758	W4TKE	X		1815	
1935	W4TKE	X		1942	
2115	10-8	10-7		2305	J.E. Livenshaw
5 1700	10-8	10-7		1742	u u
1730	W4TKE	X		1740	u u
1740	X	W4TFLN		1742	u u
6 1735	10-8	10-7		1900	u u
1915	10-8	10-7		2755	u u



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
2100	W4UWU	X		2110	Mitch
2100	V	W4ATZ		2105	Dorsey
2 1304	10-8	10-7		1940	
1810	W4TREM	X		1814	
1814	<del>W4TREM</del>	W4UWU		1816	
8 1657	10-8	10-7		1900	
1800	W4TREM	X		1825	
1828	W4UWU	X		1830	
1950	10-8	10-7		<del>1255</del>	
9 1000	10-8	10-7		1300	
1020	H4UNEM	X		1030	
1100	H4BDPM	X		1115	
1120	W4UWU	X		1130	
1100	W4ATZ	X		1200	

J. B. D. Pivonka



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1218	WA4JKM	X		1222	
1230	K4VNZM	X		1240	
1350	10-6	10-7		1355	
1430	W4SUZM	X		1445	
1440	W4KZL	X		1445	
1440	X	W4KEM		1445	
1620	W4KEM	X		1627	
1730	W4KEM	X		1815	
1730	W4KZL	X		1815	
2015	K4UNZM	X		2020	
2015	K4RPPM	X		2020	
2225	10-8	10-7		2230	
2229	W4FWM	X		2230	
1700	10-8	10-7		1700	

JAC Oliverham

Island Grove

12

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL	
1700	X	W4FLJ/M		1701	A QDwindom H4MZR ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	
13 1535	10-8	10-7		1670		
1627	W4KZL/M	X		1635		
2205	10-8	10-7		2253		
2219	W4KZL/M	X		2220		Spades
2240	W4UW/M	X		2247		Whitch
14 1120	10-8					
1605	10-8					
1605	i	W4KZL/M		1610		
1605	X	W4TRK/M		1610		orange heights
1925	10-8	10-7		2304		
2145	W4UW	X				

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
5-16					
0800	W4KZL	X			Fla. S.E.T.
1125	W4UUV	X		1135	JED <i>[unclear]</i>
1145	W4KZL/M	X		1148	
1215	W4KZL/M	X		1220	
1300	<del>X</del>	<del>X</del>	<del>X</del>	1301	
1301	W4KZL/M	X		1305	
1415	W4KZL/M	X		1420	
1415	W4VNZ/M	X		1425	
1447	W4KZL/M	X		1425	
1520	W1LFE	X		1530	GENERAL WORKING K1 W4KZL/M GA
1525	X, W4KZL			1520	
1620	W8ZGJ			1630	Wilber OHIO
1615	W4KZL/M	X		1625	



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
16 1045	10-8	10-7		2130	Operator H. E. Olivenbrandt
1725	KBPWF	X		1730	H. E. OLIVENBRANDT
1725	W4KZL/M	X		1730	
1750	W4KZL	X		1800	
1750	W4PFL/M	X		1810	
1750	W4THE/M	X		1800	
1850	WA2YBT	X		1805	John Long Island, NY
1815	W4THEM	X		1830	Walt
2010	WB2C.6/M	X			Ben -
2400	W4KZL/M	X		2105	
17 1727	10-8	10-7		1857	
1729	W4KZL/M	X		1857	heard inter-nado
1815	X	H4RDP/M		1857	65W Bronson
1833	X	W4AJK/M		1857	orange lake

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
5-20	#				
1410	KDAB	X		2050	S. Donald
1445	W421X	X		1450	"
1810	FEST			1910	J. Blumenthal
1915	W42JZ/M	X		1930	"
2015	W4TKR/M	X		2030	
2235	K4MZR/M	X		2300	S. Donald
"	W4TKR/M	X		2230	Walt is very tired or very drunk!!!
1930	K4MZR	X		1845	Jim
5-22					
1330	10-6				
1700	X	W4KZL/M		1720	J. Blumenthal
1700	X	W4JTX/M		1705	K4MZR
1940	X	W4FLJ/M		1948	

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1945 5-23	X	W4UUV		1950	J. E. D. Lewis
1315	W4FL7	X			S. Donahue W4KJF
1615	K4MZR/m	X		1470	
1616	W4KZL	X		<del>1477</del> 1640	
1810	W4F8Y/m	X		1910	
1810	K4MZR/m	X		11	
1900	W4KZL	X		1910	
11	K4UUV	X		11	
1935	K4MZR	X		1950	Bruce Nebergum K0TAC
1940	W4KZL	X		1950	"
5-24					
1130	W4UUV/m	X		1153	Mitch
11	W4KZL	X		11	Sparks

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
5/25 1640	W4FLY/m	X		1655	S. Donahue W4FLY
" "	K4WZ/m	X		1645	
" "	W4KZ/m	X		1655	
5-26					
1600	10-6	10-7		1730	
1625	10-8	10-7		1700	J. A. Thompson
5-28					
1615	K4mzR/m	X		1830	S. Donahue W4KZ
5-29					
1343	W4JKX/m	X		1438	
1510	K4mzR/m	X		1600	Bruce 2. Helberg K4TQJ Lost between Redlick and Ocala
" "	W4JKX/m	X		1815	" " S. Donahue W4KZ

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
5-70					
1700	10-8			1730	S. Lomb
June 1, 1964					
1935	10-8				A. O. Liverton
2100	K4JUZ/M	X		2110	K4MZR
2210	W4KZL/M	X		2215	
1945	10-8	10-7		1955	
1950	W4FLJ/M	X/M		1955	
1937	10-8	10-7		2157	
1505	10-8	10-7		1530	
1514	W4TKEM	X			
1614	K4DPZ	X			
1520	X	W49JTX		1520	
1550	10-8				

	DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL	
5	1715	IX	K4JUZ/M		1720	A E Olukenon	
	2015	10-8	10-7		2030		
	2034	W4JKE/M	X/M		2100		
6	1206	10-8	10-7		1232	↓	
	2012	10-8					
7	1730	10-8	10-7		1745		
	1732	W4UW/M	X		1735	↓	
12	1530	10-8	K4MOR		1530		Sufonahue Wateby
14	1420	W4K2L	X		1425		
19	1710	W4H3L/M	X		1720	A E Olukenon	
	1715	K4DPZ	X		1720		
	1720	10-8	10-7		1754		
20	1953	10-8	10-7		2005	↓	
22	1725	10-8	10-7		1950		



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1025	K4DPZ	X		1050	 A B A live on # 4 M 30
1030	WA4JKM	X		1032	
1035	X	K4VNZ		1038	
1020	WA4JKM	X		1050	
1030	K4DPZ	X		1045	
1612	10-8	10-7		1745	
1225	10-8	10-7		1312	
1330	10-8	10-7		1355	
1340	10-8	10-7		1310	
1414	WA5AGT	X		—	
1415	WA4FLJM	X		—	
1415	X	WA4KZL/4		1420	
1430	K4RDP	X			

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL	
1435	W4TREM	X		1440	A E O Livealone F. Y. M. Z. R.	
1110	10-8	10-7		1545		
2115	W4KZYM	X		2125		
	W4UUNM	X				
	H4BOP/M	X		2120	Newberry	
2130	10-8	10-7		215	↓	
1330	10-8	10-7		1445		
1157	10-8	10-7		1220		
221423	10-8	10-7		1545		
1605	10-8					
1606	X	H4UNZM		1615		
1611	X	W4KZYM		1620		
1730	X	K4...		1731		
144	10-8	10-7		1523		Max Robinson J. E. Livealone

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
29 1422	10-8	10-7		1504	B. J. Hebergall KC9TQL
30 1227	10-8	10-7			A. E. O. Livebaum K4MZR
1804	X	WA4FLJ		1325	Lamar Hamilton
1330	H4RDM/M	X		1335	Waldo
1575	10-8	10-7		1040	
1525	WA4FLJ	X		1535	
1545	W4UW	X		1547	Bruce Hebergall KC9TQL
1550	WA4FLJ	X		1600	A. E. O. Livebaum
1552	X	W4UW/M		1555	K4MZR
1650	H4RDM/M	X		—	
1720	W4UW	X		1725	
1721	X	WA4FLJ		1725	
Z					

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
Aug 4, 1964					
1645	10-8	10-7		1705	A O West HAMER
1658	WA4JKX	M X		1702	
5 1923	10-8	10-7		2346	
1923	X	WA4JKX		1928	
1945	WA4XLT	X		1950	
9/17 1350	Watoca	X		1400	Bill - High Springs
"	Wa4oum/4	X		"	John
1448	Wa4JKX/m	X		1500	
"	Wa4oum/4	X		"	
9/18 1745	Wa4FJ/m	X		1750	Samar - High Springs
1720	Watoca	X		1720	
"	WA4ZEB	X		"	

366

~~366~~

120  
2

↑  
3  
27  
2  
29

120  
~~48~~  
~~98~~

122  
52  
70  
52  
18  
14  
2  
0



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
600	W4JKX	X			
11	W4JAM	X			
11	W4TKE	X			
9/16 9/17 1730	K4OPZ			9/17 0800	Hurricane Net <sup>partially port</sup> at Health Ca. 6
1810	W4FLY	<		1815	
11	154 UNZ/IN	X		11	
9-21 2140	W4TKE	X		21	max R Robinson K4GUS
9/25 1700	W4JKX	X		1705	
1707	W4YFLT	X			Larmer <sup>W4YFLT</sup> Damon Morrison
1750	W4YFLT	X		1755	Larmer
1750	W4Y00M/4	X		1759	John
1750	W4TKE	X		1755	Walt

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
15:35	9/26/64 K4RDP/m	X		15:47	Bill J. Ford K4RNR
16:41	9/26/64 154RDP/m	X		16:13	Bill H. Damon Morrison WA4JRD
	1046 WA4PBG	X		17:01	Woody H. Damon Morrison WA4JRD
	2012 K4JUZ	X		20:13	#1 Hatch H. Damon Morrison WA4JRD
	2012 WA4JTX	X		20:13	Bill H. Damon Morrison WA4JRD
10-2	1532 WA4JTX	X		15:58	Bill H. Damon Morrison WA4JRD
	1710 WA4OUM	X		17:20	John S. Donahue WA4OBY
10/13	1755 WA4OUM/4	X		18:00	JOHN
	1759 K4JLZ/m	X		18:26	
10/14	1860 WA4RJK/m	X		"	TFX
	1817 WA4FLJ	X		18:22	LAMAR a friend
10/22	1954 WA4JKX/m	X		19:58	a friend
	1956 WA4FLJ/m	X		19:59	"
	2221 WA4FLJ			22:24	"

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
10/24	1010 K4DPZ/m	X		1012	A Friend
	1420 "	X		1420	S. Friend
10/24	1834 W4YGT	X			A Friend
	1918 W4TKE	X	57		J. Ford
	1930 WA4JKX/m	X	"		Sparks - S. of Orange Lake, Fla
	WA4FLJ		"	2010	Lamar
11/14	1535 W4YGT	X		1944	A Friend
	2005 CR	X		2007	J. Ford
11/25	2107 WA4FLJ	X		2109	H. Spier/KO8HC
	2109 W4UUW	X		2112	" " "
	<sup>2313</sup> WA4JKX/mob	X		2320	" " "
11/27	2307 10-8	WA4JKX/base		2309	Bill
11/28	1015 K4RDP/m			1021	Bill
11/28	1030 W4TKM	X		1200	A Friend



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1020	KYDPP	X		1200	SD
0	W44CJ	X		"	"
1700	X	H4BDP		1710	K4MZR / Oliver Brown
4-7-65 1140	X	K4RDP		1205	S. Lawrence
1420	W4KZL	X		1423	J
1500	X	W4YGT		1515	
23 0930	F4DTM	X		0935	A. Oliverson F4MZR
1105	K9MZR			1110	Paul M. Morgan K4TR
1135	K9TRK			1140	"
1137	K9MZR			1140	"
March 1965					
1 2011	LO-8	10-7		2021	A. Oliverson F4MZR
3 2129	W4YGT			2140	A. Oliverson W4YGT
2130	W4ZM			2140	"

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
3 6 2200	W4BJZ	10-7		230	J. Olivenbaum 54MZR
0918	10-8	10-8		1304	" "
MARCH 8, 1965					
2005	K4MZR			2009	Bruce Helberg K4TQL
2215	W4YGT	10-7		2250	J. Olivenbaum K4MZR
5-10 1955	K4BWF/M			2005	D. Friend W4YGT
2110	W4YGT			2120	Jim Penton W4TQE
13 1498	10-8				J. Olivenbaum K4MZR
15 2010	TEST	X		2012	J. Olivenbaum K4MZR
17 1945	W4YGT			1749	D. Friend W4YGT
18-1420	W4MELA				" "
April 1, 1965					
10 1530	K4RDP	X		1545	J. Olivenbaum
1500	10-8	10-7		1727	" "







DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
AUG. 6, 1965					
2125 8/29/65		W4UUV/9			MITCHELL, GAINESVILLE, FLA
1253 9/4/65	W4UUV			1256	a friend
1927	K4VNZ/m				EO a friend
6 1050	W4UUV	X		1055	↓ J. Phisakane
1407	10-9	10-7		1512	
1408	X	W4UUV			
1410	X	K4VNZ			
1455	W4TAC	X		1512	
1653	K4ROP/m			1658	a friend
2205	K4mZR/m			2118	↓
9 1815	W4UUV			1819	
1819	K4mZR/m			1821	

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
10 1755	K4MZR/m			1801	a friend
24 1427	10-8				J. J. O'Brien
051 1752	K4MZR/m			1752	a friend
2045	K4MZR/m			2048	J. J. O'Brien
2 1740	K4MZR/m			1744	a friend
9 1930	W4TKE			1933	Don Mac W4Y1/H
1942	K4MZR/m			1952	Don Mac W4Y1/H
2104	x	W4ZJZ		2120	" "
2140	W4TKE	x		2145	a friend Joe
068-65					
1840	K4MZR/m	x		1848	Don Mac W4Y1/H
1919	K4MZR/m	x		1921	a friend
2118	QRZ	x		2119	LD Johnston
0908	10-8				







Roulette Park Rec area

Temple Terr. Blvd;

US 72	B. mt. grades	Michigan
-------	------------------	----------

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
10/30 10 09	K4MZR/M	X		1011	a Friend
11 22	K4MZR/M	X		1125	
11/5 1217	W4YQQ/M	X		1222	
6 1220	TEST	X		1222	J E Oliverson #4MZR
13 1235	10-8				J E Oliverson #4MZR
1255	W446T	X		1455	Done
	W4JES	X		1300	over
1328	X	K4MZR/M		1331	OK
1445	X	W4TKR		1457	
1913	W4YQQ	'		1428	a Friend
1913	W4KFLJ	X		1916	
1918	K4MZR/M	X		1932	
14 1352	10-10				J E Oliverson #4MZR
18 1954	10-8			2119	J E Oliverson #4MZR

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
Nov 1965					
182045	W444W	X		2055	J. O. Oliver <sup>K4MZR</sup>
Nov. 20					
1615	WYTIKE	X		1616	R. L. Murchison W44KDC
11/24 <sup>50</sup>	K4MZR	X		1800	S. Donahue W44KDC
Dec 3					
1636	K4MZR			—	Hebegeal K44TC
DEC 3					
1756	K4MZR/m	X		1805	a friend
Dec 4					
1504	K4MZR/m	X		1505	Don moe W44KDC
DEC 9					
2140	W44GT	X		2158	K3BRR a friend
2300	K4MZR/m	X		2306	
1230	JGST	X		1331	J. O. Oliver <sup>K4MZR</sup>
1253	W44KDC/m	X		1300	K4MZR

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
Dec 65					
2000	W4UW	X		2007	ACEN J Oliverson
2050	K4BDP	X		2207	K9MER
2135	X	W446T		2227	reported expiration of 33Ms, 1/4
2205	X	W4JCS		2220	
Dec 14					
1301	K4m2R/m				QFried
1432	W4JCS			1431	
1245	10-8	10-7		1326	J Oliverson K9MER
1237	10-8	10-7		1315	1 1 1
January 1966					
1249	10-8	10-7		1310	J Oliverson K9MER
1239	10-8	10-7		1246	11 11 1
1848	K4m2R/m			1849	QFried

33M<sub>25</sub> 1/3 carrier

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
20 1315	K4MZR/4	r		1317	Don & me W4VY/H
20 2105	K4MZR/4	x		2115	a friend
22 1818	K4MZR/4	x		1821	
22 2107	W4VUW	x		2113	
22 2133	W4YGT	x		2148	
29 1825	K4MZR/4	x		1826	R. J. MacLennan W4YKPC
27 2115	W4VUW	x		2130	W4TKR a friend
27 1910	W4TKR	x		1911	
27 2041	K4MZR/4	x		2042	
30 2022	W4VUW	x		2023	
3 1941	K4MZR/4	x		1941	
1943	W4USXD	x		1944	
FEB 3 1950	K4MZR/4	x		2005	
1948	K4MZR/4	x		2038	



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
6 2100	W4LJW	X		2150	ACEN A Friend
8 11 29	K4MZR/H	X		1132	
9 1845	SW4ZJR	X		1848	
13 1212	W4RUL/A	X		1213	Ed Don Nore WA4YH
1755	K4RUL/M	X		1800	Ed S. ...
1800	K4MZR	X		1805	
11	WA4BMM	X		11	
17 1730	W4YUW	X		1735	
19 1110	K4MZR	X		1130	
21 1950	W4YUW	X			
1130	K4MZR/H	X		2009	A Friend
23 1937	K4MZR/m	X		2943	
25 1445	K4MZR/m	X		1446	Don Nore WA4YH
2200	WA4BMM	X		2201	K L

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
3/1 2210	K4MZR/m	X		2212	A. F. [unclear]
3/2 1801	K4MZR/m	X		1802	
3/3 1422	W4YGT			1427	
3/5 1730				1735	
3/6 2120	W4ZJZ	X		2226	R. L. Marchman W4YKX
3/7 1740	W4TKK/4	Y		1742	R. L. Marchman W4TKK
1742	K4MZR/4	X		1743	R. L. Marchman W4TKK
2200	TEST	X		2210	J. E. Oliver K4MZR
2210	X	W4CAP		2216	
2216	X	W4UQU		2227	
3/8 1636	K4MZR/4	X		1638	
<del>3/9</del>					

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
3/9					
<del>141127</del>					
2000	K4MZR			2100	a friend
↓	WA4BMM			↓	
	WB4CAP				
10 1315	K4MZR/P	X		1318	J.C. Lindgren
1730	174MZR/P	X		1740	" " G
1955	10-8				
3-11-66					
1946	WA4SXJ	X			Charles L. Shaffer, WB4CAP
1947	X	K4MZR		1954	" " "
1955	X	W4TKE		1958	" " "
1959	W4UJW	X			" " "
2001	WA4SXJ	X			" " "

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
3-11-66					
2004	CQ	X			Charles J. Shaffer, WB4CAP
2005	X	K4MZR		2005	" " "
2013	WA4SXD	X			" " "
3/12/66					
1300	K4MZR/P	X			J. E. O'Brien <sup>K4MZR</sup>
1450	W4TKE/M	X			
1617	W4YGT	X		1620	A Friend
1728	K4RJP	X			Charles J. Shaffer, WB4CAP
1729	X	W4TKE		1730	" " " "
3/13/66					
1920	K4BDP/M	X		1930	J. E. O'Brien
2209	W4ZJZ	X		2218	A Friend
2200	WA4FLJ	X		2205	J. E. O'Brien



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
3/15/66					
2150	K4MZR/4	X		2000	R. L. Marchman WA4KDC
2150	K4MZR/4	X		2135	R. L. Marchman WA4KDC
3/18/66					
1650	X	K4MZR/m4		1658	Don Moe WA4Y1H
1904	WHYGT			1905	
2110	W4UUV	X		2115	Ed Liverman
3-25					
2035	K4MZR/m	X	59+	2042	G. C. Ellington K4RZO
1610	X	K4MZR/m		1615	Don WA4Y1H
1720	X	K4MZR/m		1624	"
1753	K4MZR/m	V		1755	"
1828	K4MZR/m	X		1836	"
Apr. 1					
2100	K4MZR/m	X		2101	Don Moe WA4Y1H



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
1 April 1966 (April Fools)					
2200	HARBPM	X		2220	Bill J E Olivebaum ✓
3 APR					
1425	W4LW	X		1430	Friend
4 1210	W4THG	X		1230	J E Olivebaum ✓
1235	X	W4TJN		1240	H4MZR ✓
1255	W4THEM	X		1257	↓
46					
2030	W4YOT	X		2045	S. D. ...
4/9					
1430	W4MZR/4	X		1435	Don't know W4V1H
5 1230	X	H4RDPm		1240	J E Olivebaum H4MZR
1345	X	H4RDPm		1350	" " "

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
	May 7				Shoreline
1300	W444W	X			Spring Set
"	W44P12	X			
"	W44cap	X			
	June 8				
<del>1445</del>	K4RDP	X		1448	Charles Shaffer
1638	K4DTM	X		1641	Charles Shaffer
1648	K4RDP	X		1651	"
1657	K4DP2	X			"
1715	X	W4TKE		1718	"
1732	K4DP2	X			"
1740	W400W	X		1742	"
2024	K4DTM	X		2025	"

Seq A27

1966

K CM ZR/m X

1950

to 1951

K4<sup>20</sup>  
Carl Ellingto

1813

W4B6W/m X

1817

Dennroe  
W4B6W

DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
	June 8				
2108	W4TKE	X			Charles L. Hoff W4KFP
2109	X	W4UUV		2110	"
2125	W4TKE	X			"
2125	X	W4UUV		2127	"
2152	W4UUV	X			"
2153	X	K4JU2		2154	"
2154	X	W4ASXD		2158	"
2221	W4TKE	X			"
2221	W4ASXD	X		2226	"
2229	X	W4UUV		2232	"
2232	X	W4ASXD		2235	"
2237	W4ASXD	X		2238	"

20.6

.586

20.014

.600

19.414

24.2

.6

24.2

.6

23.6

218.6

30  
72  
900



DATE TIME	STATION CALLED	CALLED BY	HIS SIGNAL	TIME OF ENDING QSO	MY LOCATION, TRAFFIC, CHANGES, MY SIGNAL
8/16/66 1915	WA4WFO	X		1920	a friend WA4BGM
9/4/66 2128	WB4CAP X			2131	Don Mue WB4YIH
9/9/66 2130	WB4CAP X			2138	Roger Elliott WA4VLR
9/10/66 1132	K4MZR/4 X	X		1138	} Roger Elliott WA4VLR
1132	WA4BGW/4 X	X		1138	
9/19/66 1945	K4MZR/4 X	X		1947	R. L. Marchman WA4KDL
9/22/66 1940	X	WA4FLJ		1942	Don Mue WB4YIH
9/29/66 2130	WA4JW			2135	a friend WA4BGM
2140	WB4CAP			2149	

$$\frac{dr}{d\theta}$$

$$+ \left(\frac{1}{3\theta}\right) r = \theta$$

$$M = \frac{1}{3} \left( \frac{dr}{d\theta} + \frac{r}{\theta} \right) = \theta^{1/3}$$

$$\theta^{1/3} \frac{dr}{d\theta} + \frac{\theta^{1/3}}{3\theta} r = \theta^{4/3}$$

$$\theta^{1/3} \frac{dr}{d\theta} + \frac{1}{3} \frac{r}{\theta^{2/3}} = \theta^{4/3}$$

$$\theta^{1/3} dr = (\theta^{1/3} - \frac{1}{3} \theta^{-2/3} r) d\theta$$

$$\frac{dM}{d\theta} = \frac{1}{3} \theta^{-2/3} \frac{dM}{d\theta} = \frac{1}{3} \theta^{-2/3}$$

Exl's to  
K9RDP  
W4TKE  
W4AJAN  
K4VUNZ

W4FLEJ  
W590AP  
W4YBT  
W4JCS  
K4VUNZ  
W4AJAN  
W4ZJZ  
K4DTM  
W4HJZ  
K4DPZ  
K4JUZ  
K4MX

**THIS POCKET-SIZE LOGBOOK** has been designed by the American Radio Relay League to answer the special needs for compactness and convenience in portable and mobile amateur operation, while still fulfilling all requirements of the Federal Communications Commission.

This log contemplates the recording on the inside front cover of all the normal data required by FCC. Whenever a change is made in the data so recorded (of input, band, type emission, vehicle or operator) notation must be made in the log. *Signature* must be entered for other licensed operators who control this station. Portable and mobile stations must log their location, with appropriate entry each time it is changed. A convenient column is provided for that purpose.

A single line in the log may be used for all transmissions of a QSO, if the ending time is shown; but, with that exception, *every* transmission must be recorded, including calls that did not result in QSO, CQ calls, and tests. The "His Signal" column also may be used for dial settings or for signal reports. One's own signal reports may be entered in the wide column, if it is desired to record them, as may a record of the traffic handled, names of others speaking over the station, signatures of other telegraphing operators, etc. Extended remarks and data *including messages* may be recorded on the blank backs of the opposite pages.

A.R.R.L. Publication No. 17.

Copyright 1962 by The American Radio Relay League, Inc. Printed in U.S.A.

Additional copies of this log can be purchased at your dealer's or direct from American Radio Relay League, West Hartford, Conn., at 30 cents each postpaid. Specify the Minilog. We also publish a larger log, 8½ x 11 inches, more convenient for fixed or home stations, at 50 cents postpaid, our Publication No. 7.

