THE LOG OF AMATEUR RADIO STATION

KN4KHQ
EK4KHQ

BOOK NO. 1

FROM 8-22-56

TO 12-31-57

PRICE
50¢
U. S. A. Proper

AMERICAN RADIO RELAY LEAGUE WEST HARTFORD, CONN., U.S.A.

IMPORTANT—FILL IN

The call of this station, KN4KHQ....., is indicated by X. Unless otherwise noted in the "Other Data" column of this log: The operator for all transmissions is JACQUES LUNDY CLARKE...., times recorded are in EST....Time. Station location 625 ALTARA AVE., CORAL GABLES, FLA.

Q CODE

For brevity and clearness use the internationally known Q Code. A question is indicated by use of the interrogation sign after the Q signal.

QRG Will you indicate my exact frequency in kilocycles? Your frequency is.....kc.
QRH Does my frequency vary? Your frequency varies.
QRI How is the tone of my transmission? The tone of your transmission is....(1. good; 2. variable; 3. bad).
QRJ Are you receiving me badly? Are my signals weak? I cannot receive you. Your signals are too weak.
QRK What is the legibility of my signals (1 to 5)? The legibility of your signals is.....(1 to 5).
QRL Are you busy? I am busy (or busy with.....). Please do not interfere.
QRM Are you being interfered with? I am being interfered with.
QRN Are you troubled by static? I am troubled by static.
QRO Must I increase power? Increase power.
QRP Must I decrease power? Decrease power.
QRQ Must I send faster? Send faster (.....words per min.).
QRS Must I transmit more slowly? Transmit more slowly (..... w.p.m.).
QRT Must I stop transmission? Stop transmission.
QRU Have you anything for me? I have nothing for you.
QRV Are you ready? I am ready.
QRW Must I advise.....that you are calling him on.....kc? Please advise.....that I am calling him on.....kc.
QRX When will you call again? I will call you again at..... hours (on.....kc.)
QRZ By whom am I being called? You are being called by.....
QSA What is the strength of my signals (1 to 5)? The strength of your signals is.....(1 to 5).
QSB Does the strength of my signals vary? The strength of your signals varies.
QSD Is my keying correct? Are my signals distinct? Your keying is incorrect; your signals are bad.
QSG Must I transmit.....telegrams (or one telegram) at a time? Transmit.....telegrams (or one telegram) at a time.
QSK Shall I continue the transmission of all my traffic? I can hear you between my signals. Continue: I shall interrupt you if necessary.
QSL Can you acknowledge receipt? I am acknowledging receipt.
QSM Shall I repeat the last telegram I sent you? Repeat the last telegram you sent me.
QSO Can you communicate with.....directly (or through.....)? I can communicate with.....directly (or through.....).
QSP Will you relay to.....? I will relay to.....free of charge.
QSV Shall I send a series of VVV.....? Send a series of VVV.
QSX Will you listen for.....(call sign) on.....kcs? I am listening for.....on.....kcs.
QSY Shall I change to.....kilocycles without changing the type of wave? Change to.....kc. without changing type of wave.
QSZ Shall I send each word or group twice? Send each word or group twice.
QTA Shall I cancel nr.....as if it had not been sent? Cancel nr.....as if it had not been sent.
QTB Do you agree with my word count? I do not agree with your word count; I shall repeat the first letter of each word and the first figure of each number.
QTC How many telegrams have you to send? I have..... telegrams for you or for.....
QTH What is your position (location)? My position (location) is.....
QTR What is the exact time? The exact time is.....
CQ General call to all stations having no special or emergency significance.

Special abbreviations adopted by the A.R.R.L.:
QST General call preceding a message addressed to all amateurs and A.R.R.L. Members. This is in effect "CQ ARRL".
QRRR Official A.R.R.L. "land SOS." A distress call for emergency use only.

THE R-S-T SYSTEM OF SIGNAL REPORTS

A standard system of reporting signals is recommended by the A.R.R.L. The R-S-T system is the abbreviated method of indicating the main characteristics of a received signal, the Readability, Signal Strength, and Tone. Using the R-S-T system is extremely simple. The letters R-S-T determine the order of sending the report. In asking for a report, one transmits RST?

Such a signal report as "RST 367X" (which may be further abbreviated to 367X whenever it is clearly understood that reports follow the R-S-T system) will be interpreted as, "Your signals are readable with considerable difficulty; good signals (strength); near d.c. note, smooth ripple; crystal characteristic noticed." Unless it is desired to comment in regard to a crystal characteristic of the signal, a single three-numeral group will constitute a complete report on an amateur signal. Various report combinations are based on the following tables:

READABILITY

1 — Unreadable
2 — Barely readable, occasional words distinguishable
3 — Readable with considerably difficulty
4 — Readable with practically no difficulty
5 — Perfectly readable

SIGNAL STRENGTH

1 — Faint — signals barely perceptible
2 — Very weak signals
3 — Weak signals
4 — Fair signals
5 — Fairly good signals
6 — Good signals
7 — Moderately strong signals
8 — Strong signals
9 — Extremely strong signals

TONE

1 — Extremely rough hissing note
2 — Very rough a.c. note, no trace of musicality
3 — Rough, low-pitched a.c. note, slightly musical
4 — Rather rough a.c. note, moderately musical
5 — Musically modulated note
6 — Modulated note, slight trace of whistle
7 — Near d.c. note, smooth ripple
8 — Good d.c. note, just a trace of ripple
9 — Purest d.c. note

If the signal has the characteristic steadiness of crystal control, add the letter X to the RST report. If there is a chirp, the letter C may be added to so indicate. Similarly for a click, add K.

In radiotelephone operating, say "READABILITY . . STRENGTH . . ." and use just the R and S columns

Publication No. 7 of The American Radio Relay League, Thirteenth Edition.

ABOUT THIS LOG

FCC requires every U. S. amateur to keep a log of *every* transmission . . . stations called, CQs, tests. Logs must be kept whether stations are at a fixed location, or portable, or mobile.

A bound log is best so pages will not be lost. A log should lie flat for writing purposes. The prime requirement for an amateur radio service log is that it meet FCC's regulations for log-keeping. This log meets every such requirement. It is designed to make it as easy as possible for you to keep a running record complying with the legalities.

In this bound form the log can be much more than an FCC record. It will contain a progressive story of your operating achievements, a documentary and permanent record to be scanned with interest and pride in future years. When the dates covered have been indicated on the cover, the log can become one of a uniform series covering many years. FCC requires station records kept for at least one year. When that long-delayed DX card arrives or any transmission must be verified for FCC or others, your logs will be ready to help you come up with a correct answer if you have a proper log record.

Starting the Log

In starting this log: First fill in the box on the opposite page (inside cover). Show the name of the operator, the kind of time, and the station call. Only when other than the regular operator takes over the station controls will it be necessary to enter the operator's name elsewhere in the log. In the event of a visiting or relief operator the name should be entered in the OTHER DATA column, together with the time that such operator takes over the station. It is also required by the FCC's regulations that you must name or record any person talking over a 'phone transmitter, if other than the operator named in the blanket statement on the opposite page.

The OTHER DATA column is designed to note the "approximate location" at the time of transmission of mobile or portable stations, together with the type and identity of vehicle or mobile unit in which the station is operating, on those special occasions when this may be necessary. Normally this column will be available for listing QTHs, name or nickname of operator worked, rotary beam headings, message exchanges, QSLs sent and received, new countries, equipment changes, power failures, interference noted, general remarks, test results or the like. When information such as the DATE entry or standing data (opposite page) changes, it will be necessary to make additional notations.

The initial entry on opening the station is usually the date, recorded in the first (left-hand) column. The rest of the line may be left blank if there are no changes to be indicated. The left-hand column will thenceforth (until the date changes) show the time of each transmission. It is only necessary to separate each day's activity by a single line for the date. Some amateurs start a new page each day.

The second column for the "station called" will have an entry whenever you call an individual station or call CQ. An X, or your own call, will then go in the third column. If you hear W9ARE being called by W6RBQ, these calls may be recorded in the second and third columns, with full information on W6RBQ's signal in the fourth and fifth columns. R, S, and T indicate Readability, Signal Strength and Tone. Voice reports are shown by just two entries for Readability and Strength. The frequency or dial setting may be logged in column four for future reference in finding this station. Signal report definitions for use in columns five and six are listed on the inside cover page.

Entering Other Required Information

Date, time of transmission and call are "must" entries. "His frequency", "His Signals RST", and "My Signals RST" are not required but often are desired information. The four last columns before "Other Data" are for FCC-required entries. The five columns at the right of the double line are grouped to show together all information about the station for which this log is kept.

FREQ. MC. FCC requires that the frequency band used be logged. It is simplest to note it in megacycles . . . 3.5, 7, 144, etc., as the case may be. Actual frequency may be entered if desired. An example of such an entry might be 3.825 or 14.013. All entries in the FREQ. MC., EMISSION TYPE, and POWER INPUT WATTS columns cover all transmissions logged by you until a change in one or more of these items is indicated.

EMISSION TYPE. FCC requires statement of the type of emission. It is suggested that entries be made most simply as follows:

AØ	Steady, unmodulated, pure carrier.
A1	Telegraphy on pure continuous waves.
A2	Amplitude tone-modulated telegraphy.
A3	Amplitude-modulated telephony.
A4	Facsimile.
A5	Television.
F1	Frequency-shift keying (FSK).
F2	Audio-frequency-shift keying (AFSK).
FM	Frequency modulation. ('Phone unless tone-mod. telegraphy is indicated.)
NFM	Narrow band FM ('Phone unless tone-mod. telegraphy is indicated.)
P	Pulse.

ABOUT THIS LOG

POWER INPUT WATTS refers to the input power to the final amplifier stage (plate voltage times milliamperes divided by 1000).

TIME OF ENDING QSO, the last column before "Other Data", is definitely required by FCC to show the full period during which your communication took place. An entry must be made in this column when signing off with each station contacted.

Whenever *any* calls are made, an entry must be shown in the column on the extreme left. Subsequent entries are not required during several sequences of transmission with the same station. If a station does not answer a call there will be no entry in the "time of ending QSO" column. But at the conclusion, when "signing off" with a station, always fill in the time of ending.

Regarding message traffic: The FCC requires that a copy of each message sent and received either be entered in the log or retained on file for at least one year. Traffic may be copied on the blank page opposite the log, but most hams prefer to keep a separate file of messages handled. Every *message* should show call signs, time and date handled on the message itself.

A sheet of cross-section paper has been provided as the last page of this log for plotting calibration charts for the station frequency-meter, listening monitor or receiver, etc. Dial readings should be shown as ordinates on the left and the corresponding frequencies (kc.) indicated on the horizontal line (abscissa). Both scales should be spread out so the chart can be read to within a few kilocycles. Additional sheets of cross-section paper (light green) are available from ARRL (15 sheets, 25¢; 70 sheets, $1.00).

An Official ARRL Number Sheet (yellow insert) has been included for keeping track of the numbers of radiograms originating at your station. Additional sheets may be obtained by requesting Form 3 from the ARRL Communications Department.

A complete list of ARRL Numbered-Text Messages, including those suited to emergency and holiday situations has been printed on the reverse of the Number Sheet for your convenience. Left-hand pages have been left blank to use for extensive entries on tuning adjustments and ranges, experiments, changes in or life of equipment, circuit diagrams or message copies. On the inside covers of this log you will find tabulations of the Q Code, international amateur prefixes and signal-reporting scales for your convenience.

Snappy clean-cut amateur operating is most worthwhile. A few operating periods given up to study of standard practice in calling, getting fills, handling messages and so on, will pay rich dividends in the satisfaction that comes as you establish a reputation for proficiency and better-than-average operating ability.

In operating aim to add to the stature of the fraternity by all you do. Courtesy and sportsmanship are assets in radio operating as in every human activity. Frequency observance is of tremendous importance. *Checking frequency often* is especially important if a v. f. o. determines the frequency of the transmitter. Keep in our amateur frequency bands at *all* times. Have fun, promote fraternalism, lend *part* of your time to useful objectives in operation that will add to the record of amateur training or our readiness for public emergency. Accept constructive appointments that build an *organized* amateur radio!

F. E. Handy

A.R.R.L. Communications Manager.

Additional copies of this log can be purchased at your dealer's or direct from American Radio Relay League, West Hartford, Conn., at 50 cents each postpaid. We also publish a Minilog, 4x6 inches, more convenient for portable and portable-mobile stations, at 30 cents postpaid, our Publication No. 17.

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
8/22/56										
9:22PM	CQ	X				3.744	A1	65	~~8:22~~	
:26	CQ	X				DO	A1			
32	CQ	X				DO	A1			
9:45	✓	X				7.194	A-1			
9:55	KN4KHT	X	7.160	469		7.194	A1			
10:05	✓	X	✓	✓		7.194	A1			
10:08	KN5ELM	X	✓	✓						
10:10	W5LXO	X	7.194			7.194	A1			
10:30	KM4KJK	X	7.193	559						
10:41										
11:02	CQ	X	7.1			7.194	A-1			
11:15	CQ	X	7.1			7.194	A-1			
8/23/56										
9:29	KN4KGR	X	7.190	536		7.194	A-1			
9:36	"	X	7.190	536		7.194	A-1			
10:49	KN5GVP	X	7.188	547		'	A-1			
10:44	KN4EXD	X	7.186	549		'	A-1			
11:03	CQ	X				✓				
11:04	KN4JMI	X	7.178	569		✓	A-1			
11:09	KN5CJQ	X	7.189	436		✓	A-1			
11:12	CQ	X				✓	A-1			
8/24/56	KN5GPB	X				✓				
7:29P	↓					↓	A-1			
~~7:28P~~										
7:25	CQ	X				7.194	A-1			
7:47	WA4HPE	X				"	"			
8:14	CQ	X								
	X	W5HBK	7.194	547	579	7.194	A-1		8:30	W5HBK Ft. Worth

QSO

1. FLA.
2. TEXAS.
3. LA.
4. N.C.
5. N.J.
6. OHIO.
7. KY.
8. WIS.
9. MISS.
10. PA.
11. N.Y.
12. VA.
13. ILL
14. OKLA
15. NORTH DAKOTA
16. MINN. 7-14-57
17. CALIF. 11-26-57
18. Mo 12-5-57
19. Michigan
20. Iowa 12-14-57
21. MASS 12-16-57
22. ALA 12-28-57
22. GA 1-1-58
23. W. VA. 1-5-58
24. Indiana 1-10
25. SO DAKOTA 1-10
26. Conn 5-28 58
27. Maryland 8-18-63
28. Delaw 8-19-63
29. Tenn 8-19-63

1
CONN
MAINE
MASS
N.H.
R.I.
VT

2
N.Y
N.J.

3
DEL.
MD. ORD.C.
PA.
~~DE.~~

4
ALA
FLA.
GA
KY.
N.C.
S.C.
TENN
VA.
~~PORTELO~~
~~VIRGINIA~~

5
ARK
LA
MISS
N.M.
OKLA.
TEXAS

6
CALIF

7.
ARIZ
IDAHO
MONT.
NEV
OREGON
UTAH
WASH
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MICH
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DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
8/24										
8:41	KN5GEZ	X	7.189			7.194	A1	50		
8:46	DO	X	7.191			✓	A1	50		
8:49	KM4JMH	X	7.192	559		✓	A1	50		
8:59	✓	X	✓	✓		✓	✓	✓		"LOUIS" 1ØØ9 TOURO
9:08	CQ	X					✓	✓		New Orleans, La.
9:15	K6BZZ	X	7.193	548		✓	✓	✓		
9:22	KN5EQK	X	7.183	599	589	✓	✓	✓	9:42	QSO Lost because of QRM & QRN
9:22	X	KN5EQK	✓	✓	✓	✓	✓	✓	✓	
10:00	KN5GDN	X	7.194	589		✓	✓	✓		
10:12	WN1LWV	— — —	—	579		✓	✓	✓		
10:20	KN5EBY	X	7.190	599		✓	✓	✓		
10:27	✓	X	✓	✓		✓	✓	✓		
10:34	KØNAB	X	7.190	599		✓	✓	✓		
10:39	~~KØ~~ DO									
10:47	QRZ	X	3.737	588		3.744	A1	50		
11:04	CQ					7.194	A1	50		
11:10	K5BDK	X	7.186	579		7.194	A1	50		
8/25/06										
6:44A	KN5GVP	X	7.195	579	578	7.194	A1	50	7:22A	226 ROYSTON AVE. SAN ANTONIO, TEX.
P										
3:03	CQ	X				7.177	A1	50		
3:07	KN4ISM	X				✓	✓	✓		
3:18	KN4IFI	X				✓	✓	✓		
3:35	CQ	X				✓	✓	✓		
3:21	KN4KJF									
4:51	K4ADC	X				7.194	✓	✓		
5:03	KN4KJK	X				✓	✓	✓		
5:13	KN4EXO	X	7.1883	589		✓	✓	✓		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
8/26/56										
10:05	KH5GHJ	X	7.176	579		7.177	A1	55		
10:11	KN5EKL	X	7.173	569		—	—	—		
10:15	CQ	X				—	—	—		
10:18	KH5GKN	X	7.175	579		—	—	—		
10:23	KH4HIV	X	7.178	579		—	—	—		
8/27/56	KH4GMO	X	7.183	589		7.177	A1	55		
9:28 →										
9:36	KH5ELH	X		579		—	—	—		
9:42	CQ	X				—	—	—		
9:45	KH4HQS	X	7.171	599		—	—	—		
9:52	KH5GXY	X	7.174	599		—	—	—		
9:58	CQ	X	7.185	599		—	—	—		
10:09	CQ	X				7.194				
10:14	KH5EVM	X	7.190	549		—	—	—		
8/28										
8:08P	CQ	X				7.194	—	45		
8:12	CQ	X				7.177	—	—		
8:17	KH4JHV	X	7.172	599		7.177	—	—		
8:22	—	X				—	—	—		
8:46	—	X		599		—	—	—		
8:55	CQ	X				—	—	—		
8:58										
9:06	CQ	X				—	—	—		
9:10P	K4HGG/4	X	7.175	599	?	—	—	—	9:32	QRM & TOO FAST
9:43	KH4JMI	X	7.178	599		—	—	—	9:52	DICK (or DANIEL ?)
9:11	CQ	X	—			7.194	—	—		(QRM impossible, copy ok until
9:19	CQ	X				—	—	—		some one cut loose on UK Freq)

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
8/26/56										
11:33	KN4HMW	X	7.185	579		7.194	A1	50		
11:42	KN4ECN	X	7.173	578		7.177	A1	50		
11:46	CQ	X				—	—	—		
11:50	—	X				—	—	—		
11:51	—	X				—	—	—		
53	✓	X								
	~~W4MRS~~	X								
12:05	CQ	X				—	—	—		
—	KN4JSK	X	7.165	579		—	—	—		
12:08	CQ	X				—	—	—		
12:15	KN4HMW	X	7.184	589		—	—	—	12:25	CONTACT — IN BOOK - LAKELAND
	X									
3:39P	CQ	X				—	—	—		
3:59P	KN4KBT	X				—	—			
4:06	KN4JYI	X	7.171	579		7.194	—	—		
4:10	CQ	X				7.194	—	—		
4:16	CQ	X								ERNIE Tischer 5850 S.W. 97th St Miami, Fla. MO 7-4564
		KN4KIC	7.194	589					[illegible]	4:59PM
6:42	KN4IFD	X	7.174	5		7.177	—	—		
6:46	KN5EUP	X	7.159	577		7.177	—	—		
6:48	KN5GTZ	X	7.170	568		7.177	—	—		
8:						—	—	—		
8:53	KN4IYJ	X	7.173	569		—	—	—		
9:00	KN4HYL	X	7.178	579		—	—	—		
9:05	KN9EDI	X	7.172	569		—	—	—		
9:09	KH5CPV	X	7.178	569		—	—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
10:37	KN5HGH	X	7.19~	589		7.194	A-1	50		
8/29/56				~~579~~						
6:30A	WN3HQO	X	7.192	579		7.194	A-1	50		
6:36A	CQ	X				"	"	"		
6:42A	KH5EQI	X	7.194	579		"	"	"		
6:45	CQ	X			~~479~~	"	"	"		
6:55	KN5DDM	X	7.196	589	479	"	"	"	7:20A	"DERIC" - 1708 MOHLE AUSTIN, TEX
10:15P	KN5GDK	X	7.173	599		7.177	A-1	55		
8/30/56										
7:38A	CQ	X				7.177	A-1	55		
7:43A	CQ	X								
9:58	KN4JEZ	X	7.178	599		7.177	A-1	50		
9:05	CQ	X	7.178	~~599~~		"	"	"	~~9:25~~	1
	X	W4ANH		599		"	"	"	9:25	
9:34	CQ	X				3.744				
9 ~~10~~:45	CQ	X				21.237	"	"	—	
9 ~~10~~:56	KA4HGG/4	X	7.178	599	599	7.177	"	"	~~10~~:56	DALLAS (IP) IN FT. L.
8/31/56										
7:26 A	KN5GVS	X	7.177	568		7.177	"	"	—	
7:32 A	CQ	X				"	"	"	"	
~~9:10P~~	~~KN4H~~									
9:28P	KN4KJK	~~KN4K~~	7.194	599		7.194	"	"		
9:35	"	X	7.195	599		"	"	"		
9:40	KN5EOL	X	7.194	599		"	"	"		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
8-31-56						7.				
10:17	KN4JMI	X	7.178	599		7.177	A-1	50		
9-1-56										
7:56 A	CQ	X				7.199	A-1	55		
8:01	KN4G?	X	7.187	599		—	—	—		
8:07	KN4GAI	X	7.187	599		—	—	—		
8:10 A	CQ	X				—	—	—		
8:00 P	KN4KHL	X	7.192	578		—	—	—		
8:04	KN8AXF	X	7.192	578		—	—	—		
8:06	VVV	X				—	—	—		
9:26	VVV	X	—	—		—	—	65		
9:29	CQ	X				—	—	—		
9:35	CQ	X				—	—	—		
9:38	CQ	X								
9:39	KN5EHN	X	7.193	589	559	—	—	—	10.02	"ART" 3006 Bluebonnet Dr. Victoria Texas
10:23	CQ	X				—	—	—		
10:30	KN4KHL	X	7.191			—	—	—		
10:32	K5BTZ	X	7.196	569		—	—	—		
11:43	KN8AGU	X	7.192	579		—	—	—		
11:50	CQ	X				—	—	—		
11:52	—	X				—	—	—		
11:57	KN4GAG	X	7.196	567	579	—	—	—	12:20 P	— West Prestonburg, Ky
9/2/56										
0:32	KN5GBS	X	7.189	569		—	—	—		
5:37	KN5GTZ		7.192	579	579	—	—	—	1:09	← ? QRM Silsbee Texas 625 S. Fourth St.
11:14	CQ	X				—	—	—		
11:14	KN4KCB	X	7.195	599	499	—	—	—	11:35	{RON — 305 EAST NORTH TAMP, FLA.

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
9/2/56										
8:23	CQ	X				7.194	A-1	65		
9:18	—	—				—	—	—		
9:58	KN5EZV	—				—	—	—		
10:02	CQ	—				—	—	—		
9/3/56										
12:46P	CQ	—				7.194	—	—		
8:26P	CQ	—				—	—	—		
8:46	KH2TWe	X	7.196	334		—	—	—		my Freq. reads 7.195 on mon.
8:58	KN2UDA	X	7.193	599	599	—	—	—	9:12	"DAVE" BARNINGTON NJ
9:18	—	—	—	—		—	—	—	—	
9:41	KH4JEZ	—		559		—	—	—		
9:46	KH4JJP	—		589		—	—	—		
9:53	CQ	X				—	—	—		
9/4/56										
9:55P	K4BNR	X	7.195	579		—	—	—		
10:30	CQ	X				—	—	—		
10:40	CQ	X				—	—	—		
10:53	KH9DZV	X	7.192	5"		—	—	—		
10:55	CQ	X				—	—	—		
10:58	CQ	X				—	—			
11:02	KH4IRQ	X			599	7.177	—	—		
11:08	CQ	X				—	—	—		CL
9/5/56										
7:27A	CQ	X				7.177	—	—		
7:28	—	—				—	—	—		
7:32	KH5GRL	X	7.175	599		—	—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
9/5/56										
7:29P	KH2BZK	X	7.177	–	–	7.177	A1	60	–	
7:35P	CQ	X				⌐	⌐	⌐	⌐	
	X	KN4JCF	7.175	599	?	⌐	⌐	⌐	7:40	"Tarpon Springs" LOST ⊖
8:08	KN4JVZ	X	7.175	579		⌐	⌐	⌐		RT 1, Box 376
10:32	KN4JVZ	X	7.1[illegible]	–		⌐	⌐	⌐		
10:34	KN4JAA	X	7.176	547		⌐	⌐	⌐		
10:38	KH2SLI	X	7.179	597		⌐	⌐	⌐		
10:46	CQ	X				⌐	⌐	⌐		✓ Age 16
10:47	KN4CDZ	X	7.179	569		⌐	⌐	⌐	11:04	Wayne 1920 Lyons Winston Salem NC ⊖
10:36	CQ	X				⌐	⌐	⌐		
11:28	CQ	X				⌐	⌐	⌐		
9/6/56										
10:18P	CQ	X				⌐	⌐	⌐		
10:19	KN4KOA	X	7.178	579		⌐	⌐	⌐		
10:32	KN4IMN	X	7.195	599		7.194	⌐	⌐		
10:37	CQ	X				⌐	⌐	⌐		
10:43	KN4KAI	X	7.198	549		⌐	⌐	⌐		
10:53	KN4EAW	X	7.195	549		⌐	⌐	⌐		
11:00	KN5GAM	X		568		⌐	⌐	⌐		
9/7/56										
10:35P	CQ	X				7.194	⌐	⌐		
10:4[illegible]	CQ	X				⌐	⌐	⌐		
10:45	K4CCF	X	7.192	569		⌐	⌐	⌐		
10:47	KN4KJK	X	7.197	569		⌐	⌐	⌐		
10:54	CQ	X				⌐	⌐			
10:57	KH6IZK	X	7.192	549						

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
9/8/56			~~7.193~~	~~579~~						CHRIS WHITEWATER, WISCONSIN
4:20A	KN9DSV	X	7.193	579	469	7.194	A-1	65	4:40A	lost in QRM
4:45	CQ	X		~~569~~						
4:45	KN8BAY	X	7.194	579	469	7.194	A-1	65	5:00	CHL - 1723 Sweetbriar Dr. Springfield, Ohio
~~5:00~~										
5:10	KH2RYH	X	7.194	569		7.194	A-1	65	—	
5:25	KH4GAG	X	7.194	568		—	—	—	5:26	
9/9/56										
4:47	CQ	X	~~7.190~~	~~546~~		7.194	A1	65		
4:52	KH4JMH	X	7.190	579		—	—	—		
5:00	CQ	X				—	—	—		
9/10/56										
8:22P	CQ	X	7.	—		7.194	A-1	65		
8:26	CQ	X				—	—	—		
8:29	KH4JMH	X								
9/14/56										
6:30Am	CQ	X				7.194	A-1	65		
8:13	CQ	X				7.194	—	—		
8:20	CQ									
8:22	CQ									
8:30	WH3HPX	X	7.194		468	7.194	—	—		
8:35	CQ	X				7.177	—	—		
8:36	KH4GRG	X	7.178		589	—	—	—		
8:40	KH4JRF	X	7.179		579	—	—	—		
10:48	CQ	X				—	—	—		
10:55	KH4ICF	X			479	—	—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
9/14/56										
	CQ	X				7.177	A-1	65		
9/15/56										
9:50AM	CQ	X				"	"	"		
10:00	K4CDD	X				"	"	"		
10:02	CQ	X				"	"	"		
1:10 P	KH2UAO	X	21.224	569		21.238	A-1	60		
1:15P	KH4KIC	X	21.296			"	A1	60		
9/16/56										
3:45P	CQ	X				7.177	A-1	60		
3:54	"	"				7.192	"			
3:58	KH4KQX	X				7.177	"	"		
4:07	W4DKT	X				7.177	"	"		
4:10	KH4KEG	X				"	"	"		
4:17	CQ	X				"	"	"		
4:28	KH4KEG	X				"	"	"		
4:23	KH4KEG	X				"	"	"		
4:28	"	"				"	"	"		
4:32	CQ	"				"	"	"		
4:34	KH4JAJ	KH4KRJ	7.174	599		"	"	"		
4:36	CQ	X				"	"	"		
4:										
6:13	CQ	X				"	"	"		
6:16	"	"				"	"	"		
6:22	"	"				"	"	"		
6:26										
6:29										

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
9/16/56										
6:35P	WH3HFQ	X	7.178	569		7.177	A1	65		
9:03	KH4JDJ	X	7.193	579		7.194	"	"		
9:07	CQ	X	7.			7.194	"	"		
9/18/56										
9:34P	KH2UDA	X	7.197	569		7.194	"	"		
9:48P	KH4JPR	X	7.192	569		7.194	"	"		
9/19/56										
10:10P	CQ	X				7.194	A-1	60		
10:13	KH6TTK	X	7.195	559		"	"	"		
10:17	KH5HJM	X	7.197	569		"	"	"		
10:24	CQ	X				"	"	"		
10:28	CQ	X				"	"	"		
10:36	KN5GNP	X	7.192	569		"	"	"		
9/20/56										
9:45	KH4JGQ	X	7.192	569		7.194	A-1	60		
9:47	KH4HZR	X	7192	569		"	"	"		
9:52	CQ	X				"	"	"		
9:58	WH3116	X				"	"	"		
10:02	KH5GRV	X	7.195	579	549	"	"	"	10:12	"MALCOLM" - FULTON, MISS.
10:23	KH5GXY	X	7.194	579		"	"	"		
10:37	CQ	X				21.4	"	"		
9/21/56										
6:28P	KH5EHX	X	7.194	579		7.194	A-1	60		
6:31	DO	X	"	"		"	"	"		
6:40	CQ	X				7.177	"	"		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
9/23/52										
10:50am	KN4HMM	X	7.178	599		7.177	A-1	60		
10.52	KN4HTU	X	7.161	579	579	7.177	"	"	11:37	"Bob" Key West. Fla.
1:54	KN4JAJ	X	7.174	599		7.177	"	"	2:15	"Eugene" 8261 S.W. 37th St. Miami MO-1-4603
4.40P	KN4JES	X	7.181	599		7.177	"	"	5:00P	John Cooper 751 E 45th St. ~~Miami~~ Hialeah MU-8-3947
9/25/52										
8:40	KN4KXX	X	7.174	579		7.177	A-1	60		
10:25P	CQ									
10:32	W5WZE	X	7.180	558		7.177	"	"		
10:36	CQ	X				"	"	"		
10:37	W5WZE	X	7.178	568		"	"	"		
10:48	KH6XY	X	7.176	568		"	"	"		
10:53	K5BKD	X	7.181	579X	579X	"	"	"	11.05	
~~9/27/52~~										
10/1/52										
9:37 P	KN4HFV	X	7.175	599		7.177	A-1	60		
9:40 P	DO	X	7175	"		"	"	"		
9:43P	DO	X	7.175	"		"	"	"		
10:00 P	KN4JBH	X	7.173	"		"	"	"		
10:03P	KN4JBH	X	7.173	"		"	"	"		
10:30P	CQ									
10:30	KN4KQQ	X	7.179	599	599	"	"	"	11:30P	"Dave" 4242 3rd Ave North St. Pete Fla.
10-2-52	KN4KNH	X	7.176			"	"	"		
7:15 Am										
7:30	KN4KNH	X	7.176	599	599	"	"	"		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
10-2-56										
10:18	KH4LEX	X	7.179	599		7.177	A-1	60		
10:25	KH4KBQ	X	7.172	599		—	—	—		
10:27	KH4IMD	X	7.178	599		—	—	—		
10:30	"	—	—	—		—	—	—		
10-3	~~KH2TMC~~									
8:27 P	KH2TMC	X	7.176	559		—	—	—		
9:00 P	KH4JCF	X				—	—	—		
9:05	KH4KKX	X	7.173	599		—	—	—		
9:06	—	X	7.173	—		—	—	—		
9:10	KH6GDK	X	7.177	569		—	—	—		
9:29	CQ	X				—	—	—		
9:28	K4HGG	X	7.176	599	589	—	—	—	9:48	Dale Ft. L.
10:16	KH4ILD	X	7.176	599		—	—	—		
10:32	KH4KJA	X	7.178	599		—	—	—	10:53	QRM —
										Gene - Ft. Benning Ga.
11:00	KH4KJA	X	7.191	599		7.199	—	—		
11:12	K4EJW	X	7.193	589	589	7.199	—	—	11:22	Roy - Aston, Fla
10-4-56										
7:43PM	CQ	X				7.194	—	—		
7:45	KH4KZU	X	7.191	569		—	—	—		
8:08	KH4JCF	X	7.177	599		7.177	—	—		
8:08	KH4KRJ	X	7.177	599	589	7.177	—	—	8:37PM	"Tom" 212 S.E. 12TH ST
9:50	WN3HHA	X	7.177	569		7.177	—	—		Fort Lauderdale, Fla.
10:02	KH6GIC	X	7.172	559		7.177	—	—		
10-6-56	—									
20:06	CQ	X				7.177	A-1	60		
20:12	CQ	X				—	—	—		
20:16	CQ	X				—	—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
10-6-56										
20:17	KN5GLH	X	7.172	599		7.177	A-1	60		
22:17	KN5HEN	X	7.173	579		"	"	"		
10-7-56										
22:25	KN4HFV	X	7.176	599X	489X	7.177	A-1	60	22:46	310 S.W. 8th AVE MIAMI, FLA "Denio"
10-12-56										
0001	CQ	X				7.177	A1	60		
0005	KN5GCK	X	7.174	569	--	7.177	A-1	60	0029	QRM -
0042	CQ	X				7.194	"	"		
21:17	KN2QJH	X	7.176	569		7.177	"	"		
21:19	KN5HML	X	7.176	569		7.178	"	"		
21:28	CQ	X				"	"	"		
21:31	KN4JCF	X	7.176	599	599	"	"	"	2200	CHUCK IN TARPON SPRINGS =
22:06	KN4KCE	X	7.177	569		"	"	"		
10-13-56										
19:42	CQ	X				7.177	"	"		
19:45	KN4JXY	X	7.172	489	?	"	"	"	2006	401 Disston Ave Tavares, Fla Joe
20:13	KN9JMI	X	7.180	599		"	"	"	—	
10-14-56										
~~K4KOQ~~										
14:32	K4KOQ	X	7.186	599X		7.177	"	"		
14:38	CQ	X				"	"	"	"	
14:41	KN4HYQ	X	7.182	579		"	"	"	X	
10-15-56										
0125	KH8CKW	X	7.192	568		7.194	"	"	X	
0134	CQ	X				"	"	"		
0136	KM5HKJ	X	7.193	568		"	"	"		605 AVE "D"
0142	DO	X	7.193	579X		"	"	"	0230	Warren "Victoria, Texas
0240	KH6TH2	X	7.177	569X		"	"	"		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
0295	KN9?	X	7.176	468		7.177	A1	60		
10-56										
2113	KN5HQI	X	7.180	468		7.177	A1	60		
2120	CQ	X								
2122	CQ	X								
10-28-56										
1936	CQ	X				7.177	A1	60		
10-8-56										
22:06	KN4KJK	X	7.176	579		7.177	A1	60		
2210										
2217	CQ	X								
2221	KN5GYF	X	7.182	579						
2241	KN4KQU	X	7.178	599						
2247	KN4JCF	X	7.175							
11-12-56										
2220	WN3HCW	X	7.157	589	579	7.11			2245	WILLIAMSPORT, PA
11-13-56										
22:16	KN9BTO	X	7.158	589		7.161				
11-14-56										
2325	KN4KCE	X	7.177	599	599	7.177	A1	60	2355	MURRAY 2216 WEYLAND AVE CHARLOTTE N.C.
~~2355~~										
2355	KN2STF	X	7.173	589	469	7.177	A-1	60	0015	MIKE 169 PORTERFIELD PL FREEPORT N.Y.
11-15-56										
0020	KN4IFC	X	7.177	569	379	7.177	A-1	60	0032	ED 315 S. 13TH ST. MURRAY, KY
0047	K4IFZ	X	7.161	469	469	7.161	A-1	60	0115	LAMAR 2317 BUTLER ST LEESBURG, FLA.

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
11-16-56										
1953	KN4GRX	X	7.156	599	?	7.161	A-1	60	2000	QRM
2000	KN4KJK	X	7.158	599	?	—	—	—	2000	NC
2015	KH2UPL/4	X	7.157	599	?	—	—	—	2015	NC
2101	KH4KQO	X	7.158	599	?	—	—	—		NC
2106	KN4KJK	X	7.157	599		—	—	—		
2109	KH4WT	X	7.161	579		—	—	—		
2112	KH4KOQ	X	7.177	599		—	—	—		
2204	CQ	X	7.161	-		—	—	—		
2212	KH4HSB	X	7.194	599	579	—	—	—	2235	BOB CHATTAHOOCHEE, FLA
11-17-56										(858 MOGUL AVE
1423	KH4LDQ	X	7.171	499	499	·	—	—	1500	CHRIS 1549 N. 28TH DR
										FT. LAUDERDALE, FLA
1548	CQ	X	—	—	—	7.177	—	—		
1556	KH4KCB	X	7.174	599	589	7.177	—	—	1609	TAMPA, FL 305 E. NORTH ST.
1614	KH4GRX	X	7.161	—		7.161	—	—	1614	RON
1630	KH4KQX	X	2158	599	579	—	—	—	1650	BILL, 311 REVILO BLVD
										DAYTONA BEACH, FLA.
1707	KH4JNU	X	7.161	579		7.161	—	—	1707	
1714	CQ	X				—	—	—	1714	

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
11-21-56										
2215	CQ	X			~~7.161~~	7.161	A-1	60		
~~2219~~		X								
2223	KH5HHL	X	7.161	569		—	—	—		
11-22										
1605	VVV	X				—	—	—		
2222	K2PRD	X	7.161	569		—	—	—		
2227	CQ	X				—	—	—		
2231	KH5GHY	X	7.158	569		—	—	—		
2235	CQ	X				—	—	—		
2240	KH4JQL	X	7.178	569		—	—	—		
11-25-56										
1600	KH4KQO	X	7.161	569		7.164	—	—	—	
1606	CQ	X				—	—	—		
1612	KH5HXY	X	7.156	569		—	—	—		
1619	CQ	X				—	—	—		
11-26-56										
2155	KH5HUG	X	7.165	569		—	—	—		
2250	—	—	—	—		—	—	—		
2200	CQ	X				—	—	—		
2202	KH4KIC	X	7.164	579		—	—	—	2217	Ernie
11-28-56										
2050	VVV	X				—	—	—		
2055	CQ	X				—	—	—		
2100	KH4JQM	X	7.161	599		—	—	—		
2109	CQ	X				—	—	—		
2119	KH4KGR		7.162	599		—	—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
11-29-56										
2232	KH4LAC	X	7.161	599		7.161	A-1	60	—	
2237	KH4LRC	X	7.161	599		"	"	"	2300	FRANK 1060 NW 123 ST MIAMI, FLA.
12-1-56										
0837	KH4LAZ	X	7.164	579		"	"	"	—	
1430	CQ	X	~~7.174~~			7.177	"	"	—	
1457	CQ					7.177	"	"	"	
~~1400~~										
1506	KH4JES	X	7.182	599	579	7.177	"	—	1608	
12-9-56										
2245	KH5HQL	X	7.175	579		7.177	"	"		
12-13-56										
2232	KH2RIE	X	7.176	569		7.177	"	"		
12-14-56										
~~2211~~										
2122	CQ		~~2A~~			7.161	"	"		
12-15-56										
2224	CQ	X				7.161	"	"		
2225	KH4LWR	X	589			7.177	"	—		
12-16-56										
1123	CQ	X				7.177	"	—		
1130	CQ	X				7.193				
1155	KH4KQR	X	~~7.174~~ ~~599~~	599	599	7.177			1230	"Ken" 4163 1ST AVE NORTH ST. Petersburg Fla.
~~12-14-56~~										
1500	CQ	X				7.177	"	—		
1501	KH4AHA		7.181	569		7.177	"	"		
1504	"		7.181	—		—	—	"		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
12-20-56										
1512	KH4KQO	X	7.179	579		7.177	A-1	60		
12-22-56										
1405	KH4KHL	X	7.178	599	599	7.177	A-1	60	1425	FRANK R. ORR SR. 1919 THOMAS ST. HOLLYWOOD, FLA.
12-26-56										
2153	KH5IBM	X	7.157	579		7.161	A-1	60		
2204	KH2TNO	X	7.157	579		7.161				
1-1-57										
1410	KH4KSV	X	7.174	377		7.177	A-1	60	—	
1422	CQ	X				7.177	—	—		
1428	K4IFJ	X	7.193	577		7.191	—	—		
1430	CQ	X								
1432	KH4KHJ	X	7.191	577		7.191	—	—	1512	Bill 2311 13TH AVE NORTH ST. PETERSBURG, FLA.
1-2-57										
2147	KH4KIC	X	7.178	599		7.178	—	—	—	
2155	CQ	X				—	—	—	—	
2200	CQ	X	~~7.164~~	~~577~~		7.161	—	—	—	
2210	KH4KVH	X	7.161	577		—	—	—		
2216	KH4MAV	X	7.161	599		—	—	—		
1-4-56										
2125	KH5GLG	X	7.177	569		7.177	—	—		
2128	K5AOK	X	7.181	569		7.177	—	—		
2215	KH5TBR	X	7.176	569		—	—	—		
2220	KH4LZS	X	—	—		—	—	—		
2224	WH3HBG	X	7.172	568		7.177	—	—		
2235	KH4KRB	X	7.172	568		7.177	—	—		
2238	CQ	X				7.177	—	—		

DATE TIME	STATION CALLED	CALLED BY	FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
1-5-56										
1245	KM4KHL	X	7.163	599	599	7.161	A-1	60	1255	
1326	KM4LLG	X	7.175	599		7.161	—	—	—	
1330	CQ	X				—	—	—		
1332	KM4JQM	X	7.160	569		—	—	—		
1335	KM4LQS	X	7.160	599	599	—	—	—	1407	HANK HOFFMAN 12 ST. NAPLES, FLA.
~~1407~~										
1505	KM4KJT	X	7.184	599	599	7.177	A-1	60	1532	DON ST. PETE
1535	CQ	X				7.191	—	—	—	2913 N. 29TH ST.
1-6-59										
2135	CQ	X				7.191	A-1	60		
2203	KM5HLW	X	7.194	569	579	7.191	A-1	60	2230	MIKE 748 WINGFIELD ST JACKSON, MISS
2239	KM5GBW	X	7.188	569		—	—	—	—	
2342	WØQPI	X	7.187	569		✓	✓	✓		
1-12-57										
2114	CQ	X				7.191	A1	60		
1-19-56										
2105	CQ	X				7.161	A-1	60		
1-21-57										
1537	CQ	X				7.161	A-1	60		
1543	KM4KQO	X	7.188	569		7.191	—	—		
1600	KM8DKX	X	21.223	569		21.237	—	—		
1610	WN1OBJ	X	21.183	569		—	—	—		
1605	✓	X	—	—		—	—	—		
1614	KM8DKX	X	21.223	569		21.237	—	—		
1618	CQ	X				—	—	—		
1-23-57										
[illegible]	KM5HX	X	7.181	569		7.177	A-1	60		
[illegible]	CQ	X				—	—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
1-23-57										
2245	KN4MQA	X	7.172	569		7.177	A-1	60	—	
1-25-57										
2055	KN4LRO	X	7.177	569		—	—	—		
2100	CQ	X								
1-28-57										
2300	KN4MJL	X	7.179	559		—	—	—		
1-29-57										
2237	CQ	X	7.177			7.177	—	—		
2244	—	X				—	—	—		
2250	KN4MAV	X	7.182	589	579	—	—	—	2325	Ed. 3624 N.W. 16th St Miami
1-31-57										
2237	KN4MJL	X	7.178	559		7.177	—	—		
2-10-57										
2024	CQ	X	7.1[illegible]			7.177	—	—		
2028	KN5IHY	X	7.182	569	?	7.177	—	—	2050	"Bill" El Paso, Tex.
2057	KN4MPC	X	7.178	589	589	7.177	—	—	2128	"Geo" 350 E. 13th St. Hialeah, Fla.
2-24-57										
2035	CQ	X	7.177			7.177	—	—		
2042	KN4MPC	X	7.179		579	7.177	—	—		
2047	KN4MLQ	X	7.179		589	—	—	—	2057	Lost in QRM "Frank"
2112	KN4MLH	X	7.164	599	589	—	—	—	2132	WRT 4797 26 Mile N. St. Rte
2/26/57										
2046	KN4KNT	X	7.161	569		7.161	—	—	—	
2059	W2IPR	X	7.152	—		7.161	—	—	—	
2100	CQ	X				7.161	—	—		
3-1-57										
[illegible]	CQ									
2223	CQ					7.161	—	—	—	

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
3-1-57										
2248	KG6QO1	X	21.066	579		21.237	A1	60		
2305	KN5ESU	X	21.148	569	579	21.237	A1	60	2310	SHATTUCK, OKLA.
3-7-57										
2100	CQ	X				7.161	A-1	60	—	
2105	—	X				—	—	—	—	
2110	KH4JAC	X				—	—	—	—	
2230	KH4IW	X				—	—	—	—	
3-13-57										
2045	CQ	X				7.177	A1	60	—	
2047	—	—				—	—	—	—	
2052	KH4LSG	X				—	—	—	—	
3-24-57										
2100	KH4JAL	X				7.161	—	—	—	
2120	KH4LRA	X	21.152	599	589	21.170			2141	Jerry Kratz 6291 S.W. 39th Ter. Miami (1)
3-25-57										
2245	KH4HZL	X	21.179	599		21.170	—	—		
2300	CQ	X	2			21.170	—	—		
3-26-57										
2228	KH6ISJ	X	21.180	599		21.1	—	—		
3-27-57										
[illegible]	KH4HZL	X	21.180	599	579	21.1	—	—	2312	Bob 5601 N.W. 4th Ave Miami (2) PL-8-1271
[illegible]	KH4HPV	X	21.151	599	579	21.1	—	—	2335	Denis 710 S.W. 8th Ave Miami Fla.
[illegible]	CQ	X				7.168	—	—		
3-29-57										
2317	KH4LRB	X	3.735	579	479	3.735	—	—	2326	"Pat" St. Augustine, Fla.
3-31										
0005	KH8CCY	X	7.167	468	[illegible]	7.161	—	—	0042	"Jim" PAINESVILLE OHIO 98 Carroll Ave
0053	KH8IWP	X	7.190	478		7.193	—	—		

ORLANDO, FLA.

#1 MRS HICKS - NE 4-5562 I WILL BE IN MIAMI THURSDAY FOR 2 WEEKS LOVE SAM

MIAMI, FLA.

#2. K4FDM (Reply) MAKE SURE SPARKY IS OK. GO TO SKEETS & SAMS. TELL SKEET TO TAKE ALL FOOD THAT WILL SPOIL. LOVE MOKY AHH.

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
3-31-57										
2017	KM4LAE	X	7.177	478	599	7.177	A1	60	2026	Pensacola, Fla. QRM!!!
2047	CQ	X				21.165	"	"		
2055	WH7HLP	X	7.183	477		"				
2128	DO	X	7.186	589			A1	60		
4-2-57										
2022	VE3ECJ	X	7.148	579						
2029	CQ	X								
2053	~~KM5KH~~		21.199	589	478	21.165	A1	60		"Joe" Monahans, Texas 607 Dwight
	KM5IJC		569	478					2122	
4-5-57	~~KM4MM~~									
2237	KM4MAM	X	7.187	479		7.177	A1	60		
2239	WH3GYE	X	7.183	569		"				
2247	CQ	X	7.			7.161	"	"		
2258	KH8BUH	X	7.161	569		"	"	"		
4-7-57										
2024	KM4MZU	X	7.176	589	599	7.177	"	"	2047	Bob - Ft. Lauderdale
2052	KM5JOL	X	7.167	589		7.161	"	"		
2233	KM5JGI	X	7.160	469		"	"	"		
2240	KM2YQK	X	7.175	469		"	"	"		
2244	KM4MZJ	X	7.171	599		"	"	"		
4-12-57										
2242	CQ	X	7.161			"	"	"		
4-13-57										
9:27	K4FDH	X	7.146	599	589	7.161	"	"	10:02	SAM - ORLANDO - AF MSG #1
10:05	K4FDM	X	"	"	"	"	"	"	10:12	MSG #2
1300	KM4LTM	X	21.105	468	589	21.165	"	"	1320	DOC 14 CITY PARK AVE Portsmouth, Va. (DX 20)

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
4-21-57										
10:17	CQ	+				7.191	A1	60		
10:18	" +	KH4YY	7.185	599	599					
14:34	KH4KQU	+	7.157	499	599	7.161	A1	60	1439	St. Petersburg Fla.
14:53	CQ	+	7.199	599	479	7.191	"	"	1517	Bob Lakeland
14:54	KH4HMW									
1522	KH4OIG	+	7.192	579	~~599~~	7.191	"	"	—	First QSO Look in QRM
1535	KH4OHV	+	7.169	599	589	161	"	"	1600	3586 S. TAMIAMI TRAIL
4-28-57		ans. by KH9DCY								SARASOTA, FLA. DOT
1436	CQ	+	21.113	589		21.110	"	"	1507	Bill 465 W 2ND AVE GALESBURG, ILL.
1513	KH9GOW	+	21.138	589		"	"	"		
1519	KH9GOW	"	21.111	599	589	"	"	"	1543	Harry 11 28 CURTIS CT. MADISON, WIS
2137	KH4MPC	+	21.147	599		21.110	"	"	—	
2	KH4KIC	+	21.152	599	599	21.110	"	"	2246	Ernie
5-[illegible]-57										
2218	KH4KHT	+	7.187	599	—	7.193	"	"	—	
5-9-57										
2255	KH4OLP	+	7.181	979		7.177	"	"	—	
2258	KH5JKR	+	7.162	579		7.161	"	"		
5-10-57										
2225	KH5JZF	+	7.151	568	—	7.14	"	"		
2254	W8IYH	+	7.146	569	—	7.141	"	"		
2300	KH4HOY	+	7.189	579		7.191	"	"		
2303	CQ	+				7.191				
2204	KH5JZY	+	7.182	579	369	7.178	"	"	2320	Jim Beaumont, Tx
5-24-57										
2252	KH4OAQ	+	21.130	579		21.110	"	"	—	
2258	KH6YXQ	+	21.181	579		21.110	"	"		
[illegible]06	KH6VXP	+	21.163	557		21.110	"	"		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
5-28-57										
2140	KM5EOJ	X	21.157	579	—	21.	A-1	60	—	
2155	CQ	X	—			21	—	—		
2258	CQ	X				21	—	—		
2213	CQ	X				7				
5-30-57						7.				
1057	CQ	X				7.161	—	—		
2008	KM4PXO	X	7.162	479	489	—	—	—	2017	West Palm Beach (Lost in QRM&N)
2027	KM4LRA	X	21.152	599		21.1	—	—		
2030	KM4KHL	X	21.119	599	599	21.1	—	—	2106	Jerry F. Simmons 8001 S.W. 62nd PL
2145	CQ	X				—	—	—		Miami Fla (Dade Co.)
5-31-57										
2310	KM4MZL	X	21.111	569	—	21.1	—	—	2326	
2330	CQ	X	~~21.112~~			21.1	—	—	—	
6-2-57										
2217	NH7IAA	X	21.13	569	—	21.1	—	—		
2221	KH6GSW	X	21.13	579	—	21.1	—	—		
2225	KH6JNA	X	21.118	579	589	21.119	—	—	2208 2230	John 715 ~~616~~ Bromley FARGO N.D. ~~Lost in fade out before qso fin.~~
~~6-3-57~~										
6-7-57										
~~9~~										
2120	KM5IKR	X	21.1	579		21.1	—	—		
6-16-57										
1006	KM4MPC	X	21.147	599		21.1	—	—		
1007	CQ	X				21.1	—	—		
1020	CQ					7.191	—	—		
1032	KM4OLM	X	3.723				—	—		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
7-27-57										
1120	KM4OCI	X	7.177			7.177	A1	60		
1332	KH4PLS	X	7.194	599	599	7.191	A1	60	1449	Geo. (Key West) 1309 7th St.
1517	K4CZL/4	X	7.198	599	2	7.191	"	"	1529	Ken Leesburg Fla.
1607	CQ	X				"	"	"		
7-28-57										
0958	KM4KRI	X	7.194	599		7.191	A1	60	—	
0959	CQ	X	"	599		"	"	"	—	
1017	WH1MTH	X	21.119	579		21.110	"	"	—	
1022	CQ	X				2 "	"	"	"	
1032	"	"				"	"	"		
1037	KH2ZCH/2	X	21.152			21.170	"	"		
1043	CQ	X				7.177	"	"		
1303	KH4KRH	X	7.185	579	599	7.191	"	"	1322	Gordon 5915 OLA AVE TAMPA.
8-4-57										
1420	KH4PMF	X	7.173	599	599	7.177	"	"	1446	Jerry Miami
1447	KH4QHM	X	7.175	"	"	"	"	"	1540	Bill 2625 Ringling Blvd Sarasota.
										write for 2 meter info & sked.

DATE TIME 11-16-57	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
1353	K5JLX	X	14.2				A3	94		
1400	TEST	X	✓				✓			
1408	CQ	X	✓				✓			
1410	W1CGA	X	✓				✓			
1418	W1DDD	X								
1432	CQ	X	14.0				A-1			
1435	K5KBM	X	14.1	569	579		A-1	94	1500	ARLINGTON TEXAS
1505	W3EIA	X	14.0	579	579		A-1		1537	VAN. Lebanon, Pa.
1543	W2YBO	X	14.2				A-3			
1600	TEST	X	21.3							
1608	CQ	X	✓							
1608	K8GPS	X	✓							
1416	TEST		29.				A3			
1423	CQ	X	14.2				A3			
1430	CQ		14.0				A-1			
1433	W1LEO									
1433	CQ	X								
1704	TEST	X	14.2				A3			
1708	CQ	X	✓				A3			
1722	CQ	X	✓				A-1			
1725	CQ	X								
11-17										
0016	W5RDL	X	14.2				A3			
0055	W4HKJ	X	✓				A3			
0059	W3WGM	X	✓				A3			
0006	"	X	✓				A3			
0723	K1BSO	X	✓							
0804	W4ZRZ	X								
14	W9ZT									

YT

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
0819	W4ZRZ/4	X	14.2	58	59		A3	94		#1
0820	W5MYI	X								
0857	WØOBX	X								
0859	K4LYX	X								
1315	WØOBX	X								
1316	W3IES	X								
1420	Test	X								
1421	W2ORM	X								
1431	WØQOX	X								
1437	W4APC	X								
1443	K5HAW	X								
1453	Test	X								
2117	W2HWU	X								
2121	W1ZVS	X								
2125	W3HWU	X								
2127	WØQOM	X								
2247	W4AOI									
11-18										
1927	W3IES	S								
1928	TEST									
1931	K4LTE									
1949	W2PGV									
11-19										
2243	W2OHV	X	14.2				A3			
2246	"	X								
2257	W6YET	X								
2310	CQ	X					A1			
2311	W2OR	X					A1		2325	QRM
2										

W2DFC RR TNE QRM
IS RETTOT RSPF SO
W BET QRT FS BE
ST OF THAM F--
K4KHQ DE W2DFC SK

2325

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
11-10			14							
2338	CQ	X					A1	100		
11-27										
2348	K5YBS	X				14.2	A3	90		
11-28 0015	CQ					14.0	A1	100		
0016	K2ZCP	X	579	579	589				0029	QSB
0045	CQ	X								
0955	K4IVY	X					A1	90		
0958	TOST	X					✓	✓		
1342	W2PDH	X	579	579	588		✓	✓	1350	CLARK SYOSSET L.I. NY
1350	W2WCC	X		589	569		✓	✓	1407	LOST IN QRM
1410	CQ	X								
1413	K3AHP	X		579	579		✓	✓	1420	
1424	W2WQ/4	X		579	579		✓	✓	1437	
1448	W1CVD	X		579			✓	✓	—	
1448	W4DIV	X	—	589			✓	✓	—	
11-28										
2220	CQ	X					A1	90		
2239	K2GI	X	14.0	579	589		A1	90	2310	Wally
11-25										
2203	CQ	X	14				A1	90	—	
2210	K9CUT	X	14	559	549	14	✓	✓	2225	Bruce Wisconsin
2227	K6QLD	X	14	579	569		✓	✓	2246	Tom ~~Box~~ Dinuba, Calif
11-27-57										
2010	K4MJ	X	14.0	579	—		A1	90		
2014	CQ	X	—	—			✓	✓		
2020	CQ	X	✓	—			✓	✓		
2021	K5JPZ	X	✓	579	559	14	✓	✓	2035	DICK ADA OKLA

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
11-29										
2125	K3OVU	X	14.0	579	579		A1	90	2147	
12-3										
2245	WØQZB	X	14.	569			A1	90		
2247	CQ	X	"	"			"	"		
2300	K8AUL	X	14.1	469	579		"	"	2327	Detroit
12-5-59	~~K2~~									
2055	K2SZR	X	14	579	579		"	"	2100	NY
2105	Test	X								
2107	W3KOP	X	14	579	589		"	"	2117	
2125	CQ									
2126	WØECE	X	14	569	559		"	"	2135	Cape Girardeau Mo Fred
2136	KØBZS	X	14	459	579		"	"	2157	" " Jim
12-10										
2132	W1KIS	X	14	579			"	"	—	
2135	VVV	X	14	—	—	—	"	"	—	
2139	W8OAX	X	14	579			"	"	—	
2143	W8WCP	X	14	589	579		"	"	2153	Durand ?
2205	CQ									
2211	CQ									
2215	CQ									
2217	W3BOP	X	14	579	579		"	"	2235	Fred Allentown Pa
12-13										
1954	V	X	14				"	"		
2003	CQ	X	14				"	"		
2012	W8AKR	X	14	579	579	14.062	"	"	2025	E. Liverpool, Ohio ~~Rat~~
2112	W8JZW	X	14	579	599	14	"	"		326 Grant St Walter E Kell
										2122 Chas Jackson Mich

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
1214										
2216	CQ	X				14	A1	90		
2219	CQ	X								
2221	CQ	X								
2238	WØDUA	X		589	579				2253	Robt W Davis 1708 2nd Ave N Denison, Iowa.
12-16-57										
2152	WØSJV	X	14	569						
2200	W3HRM	X	14	579						
2202	CQ	X								
2203	W3LAX	X	14	579	589				2215	Washington Pa Jim
2217	K1BDU	X	14	569	579				2235	Ron Abanan, Mass Close Cuse
2240	K8HQB	X	14	579	589				2303	Bob Detroit Michigan Lost
12-22										
1332	K9BSC	X	14	569	—				—	
1337	CQ	X	14						—	
1343	K4KHT	X	14	599	599				1350	
1352	W8CCA	X	14	579					—	
1359	CQ	X	14						—	
1400	CQ	X	14						—	
2135	W7YMB	X	14	589	—				—	
2137	W8QOF	X	14	569	569				2150	Bill Detroit Lost QRM
12-23										
2215	W2RST	X	14	579	589				2230	Russel NY Bill
2246	W1ZFQ	X							—	
2250	CQ	X							—	
2314	W8TTT	X		579	579				2325	Lost QRM Cleveland Ohio Don
12-27										
2214	CQ	X								
2214	K2PUF	X	X	589	589				2237	Jim Hopewell NY

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
2245	CQ	X	14	—	—	14	A1	90	—	
12-28										
~~1435~~	~~K4KYX~~									
1415	W3VWY	X	14	589	569	14	A1	90	1433	VICTOR HORRISTOWN PA.
1435	K4KYX	X	14	589	579	14	A1	90	1455	PAUL MOBILE ALA

1

Amateur Radio Station LOG

AMERICAN RADIO RELAY LEAGUE

WEST HARTFORD, CONNECTICUT, U. S. A.

K4KHQ

Book No. 2

From JAN 1, 1958

To

Price 50¢ in U.S.A. proper

IMPORTANT—FILL IN

The call of this station, K4KHQ...., is indicated by X. Unless otherwise noted in the "Other Data" column of this log: The operator for all transmissions is JACQUES...L...CLARKE.., times recorded are in E. S. Time. Station location 625 ALTARA AVE., CORAL GABLES, FLA

Q CODE

For brevity and clearness use the internationally known Q Code. A question is indicated by use of the interrogation sign after the Q signal.

QRG Will you indicate my exact frequency in kilocycles? Your frequency is.....kc.
QRH Does my frequency vary? Your frequency varies.
QRI How is the tone of my transmission? The tone of your transmission is....(1. good; 2. variable; 3. bad).
QRJ Are you receiving me badly? Are my signals weak? I cannot receive you. Your signals are too weak.
QRK What is the legibility of my signals (1 to 5)? The legibility of your signals is.....(1 to 5).
QRL Are you busy? I am busy (or busy with.....). Please do not interfere.
QRM Are you being interfered with? I am being interfered with.
QRN Are you troubled by static? I am troubled by static.
QRO Must I increase power? Increase power.
QRP Must I decrease power? Decrease power.
QRQ Must I send faster? Send faster (.....words per min.).
QRS Must I transmit more slowly? Transmit more slowly (..... w.p.m.).
QRT Must I stop transmission? Stop transmission.
QRU Have you anything for me? I have nothing for you.
QRV Are you ready? I am ready.
QRW Must I advise.....that you are calling him on.....kc? Please advise.....that I am calling him on.....kc.
QRX When will you call again? I will call you again at..... hours (on.....kc.).
QRZ By whom am I being called? You are being called by.....
QSA What is the strength of my signals (1 to 5)? The strength of your signals is.....(1 to 5).
QSB Does the strength of my signals vary? The strength of your signals varies.
QSD Is my keying correct? Are my signals distinct? Your keying is incorrect; your signals are bad.
QSG Must I transmit.....telegrams (or one telegram) at a time? Transmit.....telegrams (or one telegram) at a time.
QSK Shall I continue the transmission of all my traffic? I can hear you between my signals. Continue: I shall interrupt you if necessary.
QSL Can you acknowledge receipt? I am acknowledging receipt.
QSM Shall I repeat the last telegram I sent you? Repeat the last telegram you sent me.
QSO Can you communicate with.....directly (or through.....)? I can communicate with.....directly (or through.....).
QSP Will you relay to.....? I will relay to.....free of charge.
QSV Shall I send a series of VVV.....? Send a series of VVV.
QSX Will you listen for.....(call sign) on.....kcs? I am listening for.....on.....kcs.
QSY Shall I change to.....kilocycles without changing the type of wave? Change to.....kc. without changing type of wave.
QSZ Shall I send each word or group twice? Send each word or group twice.
QTA Shall I cancel nr.....as if it had not been sent? Cancel nr.....as if it had not been sent.
QTB Do you agree with my word count? I do not agree with your word count; I shall repeat the first letter of each word and the first figure of each number.
QTC How many telegrams have you to send? I have..... telegrams for you or for.....
QTH What is your position (location)? My position (location) is.....
QTR What is the exact time? The exact time is.....
CQ General call to all stations having no special or emergency significance.

Special abbreviations adopted by the A.R.R.L.:
QST General call preceding a message addressed to all amateurs and A.R.R.L. Members. This is in effect "CQ ARRL".
QRRR Official A.R.R.L. "land SOS." A distress call for emergency use only.

THE R-S-T SYSTEM OF SIGNAL REPORTS

A standard system of reporting signals is recommended by the A.R.R.L. The R-S-T system is the abbreviated method of indicating the main characteristics of a received signal, the Readability, Signal Strength, and Tone. Using the R-S-T system is extremely simple. The letters R-S-T determine the order of sending the report. In asking for a report, one transmits RST?

Such a signal report as "RST 367X" (which may be further abbreviated to 367X whenever it is clearly understood that reports follow the R-S-T system) will be interpreted as, "Your signals are readable with considerable difficulty; good signals (strength); near d.c. note, smooth ripple; crystal characteristic noticed." Unless it is desired to comment in regard to a crystal characteristic of the signal, a single three-numeral group will constitute a complete report on an amateur sig[illegible] Various report combinations are based on the following tab[illegible]

READABILITY

1 — Unreadable
2 — Barely readable occasional words distinguishable
3 — Readable with considerably difficulty
4 — Readable with practically no difficulty
5 — Perfectly readable

SIGNAL STRENGTH

1 — Faint — signals barely perceptible
2 — Very weak signals
3 — Weak signals
4 — Fair signals
5 — Fairly good signals
6 — Good signals
7 — Moderately strong signals
8 — Strong signals
9 — Extremely strong signals

TONE

1 — Extremely rough hissing note
2 — Very rough a.c. note, no trace of musicality
3 — Rough, low-pitched a.c. note, slightly musical
4 — Rather rough a.c. note, moderately musical
5 — Musically modulated note
6 — Modulated note, slight trace of whistle
7 — Near d.c. note, smooth ripple
8 — Good d.c. note, just a trace of ripple
9 — Purest d.c. note

If the signal has the characteristic steadiness of crystal control, add the letter X to the RST report. If there is a chirp, the letter C may be added to so indicate. Similarly for a click, add K.

In radiotelephone operating, say "READABILITY ... STRENGTH ...," and use just the R and S columns.

Publication No. 7 of the American Radio Relay League, Fifteenth Edition, Copyright 1957 by The American Radio Relay League, Inc., West Hartford, Conn., U. S. A. Printed in U. S. A.

ABOUT THIS LOG

FCC requires every U. S. amateur to keep a log of *every* transmission . . . stations called, CQs, tests. Logs must be kept whether stations are at a fixed location, or portable, or mobile.

A bound log is best so pages will not be lost. A log should lie flat for writing purposes. The prime requirement for an amateur radio service log is that it meet FCC's regulations for log-keeping. This log meets every such requirement. It is designed to make it as easy as possible for you to keep a running record complying with the legalities.

In this bound form the log can be much more than an FCC record. It will contain a progressive story of your operating achievements, a documentary and permanent record to be scanned with interest and pride in future years. When the dates covered have been indicated on the cover, the log can become one of a uniform series covering many years. FCC requires station records kept for at least one year. When that long-delayed DX card arrives or any transmission must be verified for FCC or others, your logs will be ready to help you come up with a correct answer if you have a proper log record.

Starting the Log

In starting this log: First fill in the box on the opposite page (inside cover). Show the name of the operator, the kind of time, and the station call. Only when other than the regular operator takes over the station controls will it be necessary to enter the operator's name elsewhere in the log. In the event of a visiting or relief operator the name should be entered in the OTHER DATA column, together with the time that such operator takes over the station. It is also required by the FCC's regulations that you must name or record any person talking over a 'phone transmitter, if other than the operator named in the blanket statement on the opposite page.

The OTHER DATA column is designed to note the "approximate location" at the time of transmission of mobile or portable stations, together with the type and identity of vehicle or mobile unit in which the station is operating, on those special occasions when this may be necessary. Normally this column will be available for listing QTHs, name or nickname of operator worked, rotary beam headings, message exchanges, QSLs sent and received, new countries, equipment changes, power failures, interference noted, general remarks, test results or the like. When information such as the DATE entry or standing data (opposite page) changes, it will be necessary to make additional notations.

The initial entry on opening the station is usually the date, recorded in the first (left-hand) column. The rest of the line may be left blank if there are no changes to be indicated. The left-hand column will thenceforth (until the date changes) show the time of each transmission. It is only necessary to separate each day's activity by a single line for the date. Some amateurs start a new page each day.

The second column for the "station called" will have an entry whenever you call an individual station or call CQ. An X, or your own call, will then go in the third column. If you hear W9ARE being called by W6RBQ, these calls may be recorded in the second and third columns, with full information on W6RBQ's signal in the fourth and fifth columns. R, S, and T indicate Readability, Signal Strength and Tone. Voice reports are shown by just two entries for Readability and Strength. The frequency or dial setting may be logged in column four for future reference in finding this station. Signal report definitions for use in columns five and six are listed on the inside cover page.

Entering Other Required Information

Date, time of transmission and call are "must" entries. "His frequency", "His Signals RST", and "My Signals RST" are not required but often are desired information. The four last columns before "Other Data" are for FCC-required entries. The five columns at the right of the double line are grouped to show together all information about the station for which this log is kept.

FREQ. MC. FCC requires that the frequency band used be logged. It is simplest to note it in megacycles . . . 3.5, 7, 144, etc., as the case may be. Actual frequency may be entered if desired. An example of such an entry might be 3.825 or 14.013. All entries in the FREQ. MC., EMISSION TYPE, and POWER INPUT WATTS columns cover all transmissions logged by you until a change in one or more of these items is indicated.

EMISSION TYPE. FCC requires statement of the type of emission. It is suggested that entries be made most simply as follows:

- AØ Steady, unmodulated, pure carrier.
- A1 Telegraphy on pure continuous waves.
- A2 Amplitude tone-modulated telegraphy.
- A3 Amplitude-modulated telephony.
- A4 Facsimile.
- A5 Television.
- F1 Frequency-shift keying (f.s.k.).
- F2 Audio-frequency-shift keying (a.f.s.k.).
- F.M. Frequency modulation. (Phone unless tone-mod. telegraphy is indicated.)
- N.F.M. Narrow band f.m. (Phone unless tone-mod. telegraphy is indicated.)
- P Pulse.

ABOUT THIS LOG

POWER INPUT WATTS refers to the input power to the final amplifier stage (plate voltage times milliamperes divided by 1000).

TIME OF ENDING QSO, the last column before "Other Data", is definitely required by FCC to show the full period during which your communication took place. An entry must be made in this column when signing off with each station contacted.

Whenever *any* calls are made, an entry must be shown in the column on the extreme left. Subsequent entries are not required during several sequences of transmission with the same station. If a station does not answer a call there will be no entry in the "time of ending QSO" column. But at the conclusion, when "signing off" with a station, always fill in the time of ending.

Regarding message traffic: The FCC requires that a copy of each message sent and received either be entered in the log or retained on file for at least one year. Traffic may be copied on the blank page opposite the log, but most hams prefer to keep a separate file of messages handled. Every *message* should show call signs, time and date handled on the message itself.

A sheet of cross-section paper has been provided as the last page of this log for plotting calibration charts for the station frequency-meter, listening monitor or receiver, etc. Dial readings should be shown as ordinates on the left and the corresponding frequencies (kc.) indicated on the horizontal line (abscissa). Both scales should be spread out so the chart can be read to within a few kilocycles. Additional sheets of cross-section paper (light green) are available from ARRL (15 sheets, 25¢; 70 sheets, $1.00).

An Official ARRL Number Sheet (next to last sheet) has been included for keeping track of the numbers of radiograms originating at your station. Additional sheets may be obtained by requesting Form 3 from the ARRL Communications Department.

A complete list of ARRL Numbered-Text Messages, including those suited to emergency and holiday situations has been printed on the reverse of the Number Sheet for your convenience. Left-hand pages have been left blank to use for extensive entries on tuning adjustments and ranges, experiments, changes in or life of equipment, circuit diagrams or message copies. On the inside covers of this log you will find tabulations of the Q Code, international amateur prefixes and signal-reporting scales for your convenience.

Snappy clean-cut amateur operating is most worthwhile. A few operating periods given up to study of standard practice in calling, getting fills, handling messages and so on, will pay rich dividends in the satisfaction that comes as you establish a reputation for proficiency and better-than-average operating ability.

In operating aim to add to the stature of the fraternity by all you do. Courtesy and sportsmanship are assets in radio operating as in every human activity. Frequency observance is of tremendous importance. *Checking frequency often* is especially important if a v. f. o. determines the frequency of the transmitter. Keep in our amateur frequency bands at *all* times. Have fun, promote fraternalism, lend *part* of your time to useful objectives in operation that will add to the record of amateur training or our readiness for public emergency. Accept constructive appointments that build an *organized* amateur radio!

F. E. Handy

A.R.R.L. Communications Manager.

Additional copies of this log can be purchased at your dealer's or direct from American Radio Relay League, West Hartford, Conn., at 50 cents each postpaid in the U. S. A. proper, 60 cents elsewhere. We also publish a Minilog, 4 x 6 inches, more convenient for portable and portable-mobile stations, at 30 cents postpaid in the U. S. A. proper, 35 cents elsewhere, our Publication No. 17.

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
2-7-58										
1080	CQ	X	14			14	A1	104		
1080	K2SVD	X	14	579	579	—	—	—	1050	Sam Haddonfield
2-8-58										
1228	K9JGS	X	14	579		—	—	—	—	
1240	CQ	X	14			—	—	—	—	
1246	K2SPP	X	14	579		—	—	—	—	
2-10										
1055	CQ	X	14			—	—	—	—	
3-6-58										
2250	W1OTX	X	14	579	—	14	A1	115	—	
2258	CQ	X	14			14	A1	115	—	
3-14										
1025P	W2EMC	X	14	579	—	14	A1	115	—	
W2WQ	W2WQ	X	14	579	—	14	A1	"	1040P	Hillside NJ QRM
3-15										
2025	VE3APQ	X	14	579	—	14	A1	115	1100	Gord Crookston Toronto
3.21										
0614	VE3AXQ	X	14	569	—	14	A1	115	—	
0617	CQ	X				—	—	—		
~~3-23-58~~										
~~1148~~	~~Test~~	X	29.4	—	—	—	A3	115	—	
1147	CQ	X	28.8	—	—	—	—	—	—	
3-25										
2105	W8GB	X	14.1	579	—	—	A1	109	—	
2110	K4OJE	X	14.128	579	469	14.128	A1	109	2123	Jim Richmond Va.
4-11-58										
2235	W9IU	X	10					109	—	

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
5-23										
2208	W5GHA	X	14.070	589		14	A1	108	—	
2214	W9EVA	X	14.102	579		14	"	"	—	
2215	K4CXV	X	14.102	589		14	"	"	—	
2218	W9EVA	X	14	579		"	"	"	—	
2220	W3AIC	X	14	579	578	14	"	"	2253	Scotty McKeesport Pa
2256	W1RTI	X	14	589	589	14	"	"	2302	New London, Conn
2307	W5SJJ	X	14	589		14	"	"		
2314	V	X	7			7	A1	72	2315	
2322	KH5LCY	X	7.185	579		7	"	"	~~—~~	
5-27										
2215	W1ZPM/5	X	14	589	579	14	A1	144	2335	Hank Texas AF Base
2240	W9IBU	X	14	589	579	14	"	"	2307	Ed Ill.
5-28										
2113	W1GSA	X	14	579	579	14	A1	144	2128	Stan New Haven Conn
2342	W9JSI	X	14	579	589	14	A1	144	2200	Wes Beaver Dam Wis
6-14										.180 500 90,000
1410	TEST	X				14	A3	90		
~~1412~~	~~W9MHS~~									
~~14~~	~~WLE~~									
	WG									
1420	W2WYW	X				14	A3	90		
6-16-58										
2207	W3GIX	X	7	579	579	14	A1	108	2207	
6-20										
2140	CQ	X	14				A1	108		
2146	K8GQP	X	14	579	579	14	"	"	2210	Wayne Rockford, Ohio
2233	W9CVJ	X	14	589	589	14	"	"	2242	Lost in QRM Greenwood

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
1-1-58										
1320	CQ	x	—	—	—	14	A1	140	—	
1335	W4NQZ		14	589	479	14	—	—	1345	GA. FRED
1-5-58										
1230	K5HGQ	x	14	599	—	14	—	150	—	
1926	W8AFU	x	14	579	—	—	—	140	—	
1930	K8EQX	x	14.077	579	569	—	—	—	1948	Bill P.O. Box 2231 CLARKSBURG W. VA.
1-6-58										
2107	W3JNM	x	14	579	—	—	—	—	—	
2114	—	x	14	579	—	—	—	—	—	
1-10-58										
1922	V	x	14	—	—	—	—	CW	—	
1935	W5FZA	x	14	579	—	—	—	140	—	
1990	W9MKM	x	14	579	579	—	—	140	1945	ERV Indiana (Indianapolis)
2002	W7PDM	x	14	579	—	—	—	—	—	
1-10-58										
2200	CQ	x	14	—	—	—	—	—	—	
2204	—	x	14	—	—	—	—	—	—	
2205	W0GCP	—	14	579	579	—	—	—	2220	Bill Mitchell, So. Dak. (Lost)
1-12-58										
2217	W6PSV	x	14	569	—	—	—	—	—	
2225	CQ	x	14		—	—	—	—	—	
1-13										
2221	CQ	x	14	—	—	—	—	—	—	
2221	W0CU	x	14	579	—	—	—	—	—	
2226	CQ	x	14	—	—	—	—	—	—	
1-15										
2215	W9KRI	x	14	579	—	14	—	—	—	

3-15

Call John Taggart
225 Major
say I talked to
Gord Crookston in Toronto

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-SION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
7-FEB 59	2122	X	7.050						TEST.	
2122	TEST	X	—	—	—	7.050	A-1	100	—	
2132	K4UTZ	X	7.184	579		7.184	A-1	80		
2137	KH4AZI	X	7.182	579		7.182	A-1	80		
2145	CQ	X	7.030			7.030				
8 FEB										
1000	TEST	X				7.095	A1			
1007	KH5TFE	X	7.160			7.160	A1	80		
1010	K4SLH	X	7.181							
1014	KH4ZZI	X	7.175	599	599	7.175	A1	100	1034	Bill MO- 7-1681
1142	KH4UOJ		7.183			7.183				
1145	CQ	X	7.010			7.010				
1203	TEST						A3			
1208	CQ					7.270	A3			
2010	K4CDO	X		469	-	7.075	A1	100	—	
2016	CQ					7.058	—	—		
2022	CQ					7.061	—	—		
2024	CQ					—	—	—		
2043	KH4AZI					7.182	—	—		
9 FEB										
2212	CQ	X				7.030	—	—		
2218	W2QHA	X	7.002			7.006	—			
2225	CQ					7.162	—	—		
2033	CQ					7.010	—	—		
2245						14.				
2250	K2EKK									

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMISSION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA
20 FEB										
2252	TEST	K4KMQ	—	—	—	7.185	A-3	132	—	
2255	W5MHR	✓	7.013	579	479	7.013	✓	✓	23/12	John Miss
2322	CQ	✓				7.074	✓	✓		
2324	CQ	✓				7.074	✓	✓		
2332	Test	✓				7.074	✓	✓		
8 mar										
1815	CQ					7.	A3	120		
1962										
28 July	WN4CPN	✓	7.184	599	599	7.184	A-1	60	1520	1954 Mandania Dave
"	CQ	✓	7	—	—					
1950	CQ									
1955	WN7CXW/4									
2310	K3OXL	✓	7.032	579	469	7.032	A-1	90	2325	Charles Wheaton, MD
2338	WA4DOT	✓	7.125	479	579	7.125	A-1	90	2358	Bob Ky
2358	WH5AWA	✓	7.176	—	—	7.176	A-1	90	—	—
29 July										
0955	CQ	✓	7.19	—		7.190				
1000	WH5DID	✓	7.180	599	—	7.180				
1020	WH4IYA	✓	7.193			7.183				
1035	CQ									
1040	WH4HLB		7.183	589	569	7.183	A-1	90	1100	Hick —