

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

Amateur Radio Station



LOG

A M E R I C A N R A D I O R E L A Y L E A G U E
N E W I N G T O N , C O N N E C T I C U T , U . S . A .

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

Book No.

7

From Oct. 11, 1969

To Feb. 22, 1970

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



Price 50¢ in U.S.A.

IMPORTANT—FILL IN

The call of this station, W4DFU, is indicated by X. Unless otherwise noted in the "Other Data" column of this log: The operator for all transmissions is _____, times recorded are in GMT Time.
(signature)

Station location _____

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.

- QRC 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. . . . kc? I am listening for. . . . on. . . . kc.
 - 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 considerable 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.

A B O U T T H I S L O G

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 and sign the box on the opposite page (inside cover). Show the name of the operator, the kind of time, and the station call. For a visiting or relief operator the signature must 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 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 defini-

tions 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. This may be accomplished by entries that follow the pattern of Section 12.232 of our FCC regulations. 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.).
- E.M. Frequency modulation. (Phone unless tone-mod. telegraphy is indicated.)
- N.F.M. Narrow band f.m. (Phone unless tone-mod. telegraphy is indicated.)
- S.s.b. Single sideband telephony (A3a).
- P Pulse.

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 for each station contacted, recording the time of signing off with that station.

The blank back of each log page is customarily used by operators for recording dial settings, trans-

ABOUT THIS LOG

mitter adjustments for particular frequencies, and major station changes for reference.

OTHER DATA and sent-received columns for QSLs are provided at the right of the spaces for FCC-required information. The location (QTH) of stations worked, especially the *required* geographical location of your own station, when working mobile or portable can be recorded in this column. FCC requires the notation as to the type and identity of vehicle or mobile unit. Normally this column is available to record 'handle', remarks exchanged, traffic information, rotary beam headings, interference, or test results, if desired. N.B. Whenever the *date* changes, or any of the information such as recorded with your signature in the front of this book changes, it should be recorded at the proper place in the logging pages, with a clear indication showing how many entries it covers.

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.

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!

J. 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, Newington, Conn. 06111, at 50 cents each postpaid in the U. S. A., 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., 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.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA		QSLs	
										NAME	S	R	
10/11/69													
1648	YV5EC	X	14.275	5-6	5-6	14.275	A3j	500	1657	PEDRO	Herman Villaverde	WB4DGS	
1653	HK4PX	X	14.275	5-9	5-7	14.275	"	"	1815	GUIDO	¹⁵⁰³		
1725	HK4BXE	X	14.240	5-2	5-6	14.240	"	"	1815	RAFAEL	GALLITAS		
1739	HK5ACI	X	14.240	5-9	5-6	14.240	"	"	1801	LUIS	³⁰⁰ 22342		
1805	HK4BXN	X	14.240	5-8	5-8	14.240	"	"	1815	JAIRO			
10/12/69													
0627	ZM1RD	X	14.034	589	579	14.036	A1	900	0628	[xmtcd 001 (contest?) rcvd 122] Rm Cooper WB4DGM			
1616	WF2LIB	X	14.24	59	59	14.24	A3J	180	1618	LOU - STATUE OF LIBERTY - Gal via W82EJZ			
1618	WA2CUY	X	14.24	59	59	14.24	A3J	180	1659	GENE - HADDONFIELD. Thomas G. Binda K3PTK			
10/13/69													
0148	HK4BFF		14.250			14.250	A3j	500	0201	MARIO	Herman Villaverde	WB4DGS	
0201	HK5AKY		14.245			14.245	"	"	0233	PACHO			
0233	OA2AR		14.245			14.245	"	"	0236	DANIEL			
0240	HK4BFE		14.270			14.270	"	"	0243	BERNARDO			
0240	HK4BFF		14.260			14.260	"	"	0259	MARIO			
14.10.69													
2233	WA4HDH	X	3.945	599	599	3.945	A1	200	2257	QFN	Robert Lightner	WA4PWF	
2305	X	W4SJE	3.940	59	59	3.940	A3j	500	2314	FAST NET	"	"	
10/16/69													
2245	WA4BMB	X				3.945	A3j	500	2256	John	J. Curran	WA4DL	
2250	K4WXT/m	X				"	"	"	2257	Lloyd			
2257	WA4JRD/m	X				"	"	"	2258	Damon			
2304	K4QYV/4	X	3.940	59	59	3.940	A3j	500	2306	FAST NET	Robert Lightner	WA4PWF	
2306	WB4GMB	X	"	"	"	"	"	"	2337				
2306	WA4ZRA	X	"	"	"	"	"	"	2337				
10-17-69													
1600	WA4DHU/4	X	21050	599	599	21050	A1	100	1611	Duke	M. Lightner	WB414J	

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA		QSLs	
										NAME	S	R	
1810 G9													
1559			7.25			7.2	A3;	500			M. Lightner Bon didn't separate		
1603	WB4CBP	X	7.25			7.25	A3;	100	1724	FMTN	M. Lightner WB4HLLJ		
1700	WA4SCR	X	"			"	"		1704	15	Sent 1		
1711	K4YXT	X	"			"	"		1712				
1722	WB4GHD	X	"			"	"		1724				
1750	WA8CZE	X	14.300			14.3	"	100	1820	Walker	- Michigan		
1820	WA32TJ	X	"			"	"		1825		Dst. OS Colan.		
"	U3RXP	X	"			"	"		"				
1840													
1830	X	WA4SCR	7240			"	"	"	1842	N.R.	M. Lightner WB4HLLJ		
1836	WB4CBP	X	7255			7255	"	"	1837	FMTN			
1855	WA4SCR	X	7260			7260	"	"	1908	Sent 6			
1915	W2MHL	X	14.302			14.302	"	"	1956	Walt	- Paramus, N.Y.		
1956	WB2RXO	X	"			"	"	"	2039	chuck	- N.Y.		
2039	K3Q03	X	"			"	"	"	2053	ODOS	- Maryland		
2107	K4BZ	X	3.95			3.95	"	"	2115	PICK			
2116	K4BV	X	"			"	"	"	2117	RICHARD			
2200	K4Q4V14	X				3,945	"	500	2300	GARY	EAU GALIE		
2205	WB4GHD	X				"	"	"	2209	JOAN	MIAMI		
2210	K4BV	X				"	"	"	2220		DAYTONA		
2220	WB4Hym	X				"	"	"	2228		JUPITER		
2230	WB4BNE	X				"	"	"	2234		TAMPA		
2235	WB4EPD	X				"	"	"	2241	RICH	CLR		
2242	WB4VDC	X				"	"	"	2248	JAY			
2249	WB4SmK	X				"	"	"	2252	FT. MYERS	KEN		
2252	WB4VLC	X				"	"	"	2259	ROGER			
	"	X							23	"			

HOPAW
[Handwritten signature]

HOPAW
[Handwritten signature]

J Tye WB4DOC

Passed
 (12)

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
0019												
0230	WA4SCK	X	3650	-	-	3.5	A,	150	0232	QFN Robert WA4DNN		
1624	WA2CUY	X	14.40	59	59	14.40	A3J	150	1709	GENE - Haddonfield - Jim Guden K3PTK		
10-19-65	WA4SCK											
2305	WA4NBE	X						5-9 3.945	A3J	500	FAST NET George	
2306	W4SRI	X						" "	" "		Holly Hill	J Tye
2310	WB4GHD	X							2330	JOAN		WB4POL
2330	WA4DEL/4	X							2331			
2333	WB4GCS	X							2337	Jim		
2338	W4VDC	X							2340			
2340	WA4BMC	X							2345			
10/20	0000	WB4LOQ	X						0003	FSU		
0003	W4TGF	X							0006			
0007	WA4BMG	X							0009	Jahn		
0000	WA4ECF	X							0006			
1612	W4SDR	X		5-6	5-9	7.259	A3J	500	1708	Clyde FMTN	Non Resident	
1635	W4LSR	X							1637		1245GF	
1638	W4ZAK	X							1640			
1643	WA4FGH	X							1645			
1649	WA4HED	X							1651	ROTH		
1718	W4HSN	X							1700	ROTH FRED.		
2215	WB4EPD	X						3.945	A3J	500	2246	TPTN J. Curran wa4dell
2246	WB4EPP	X						3.940	"	"	2258	Rich
2306	WB4EPD	X						3.931	"	"	2328	FAST Net
2328	WB4ADL	X						"	"	"	2333	George
2328	WB4ICJ	X						"	"	"	2353	Lee

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											NAME	S
OCT 21												
0300	KSRUZ	X	3650	599	599	3.65	A1	1KW	0329	Dick Blaser WA4DNV		
1728	DL0ZH	X				21.345	A3a		1731	Gerse) Hamburg Don moerway 14/1/2001		
1740	DL2JO	X		55	56	28.600	"	"	1746	Hein) Loz		
1747	X	DK3DZ		55	57	28.600	"	"	1751	Legu) Wolke Redburg		
2248	WAYADH	X	3651	599	599	3.65	A1	1KW	2305	QEN Robert Loggeman WA4PWF		
2320	WB4GHD	X	3940	59	59	3.94	A3;	1KW	2327	" " " "		
2323	WAYZRA	X	"	"	"	"	"	"	2327	" " " "		
OCT 22												
0200	WAASCK	X	3650	-	-	-	A1	1KW	0205	QFN R Blaser WA4DNV		
0233	WSJDF JACK	X	3645	-	-	-	A1	1KW	0242	RNS R Blaser WA4DNV		
1736	WA4GTB/4	HARRY	14330	59	59		SSB	1KW	1800	7 traffic WA4MCU		
1818	K9GRQ/3	PETER	14306	57	59				1821	WA4MCU		
1822	WB2WDR	LARRY	14306	59	59				1828	WA4MCU		
1829	K2BQI	BILL	14306	58	59				1849	2 traffic WA4MCU		
1852	WA2AON/2	TIM	14306	57	59				1940	10 traffic WA4MCU		
1932	WA908/8		14326	56	59				1936	(J) ERN(ELDAVID) JR HS ELMIRA NY		
1941	K8TPO	ROSE	14326	59	59				1950	1 traffic WA4MCU		
2004	WA2DRF	DANA	14207	58	58				2014	TOTAL (20TFC) WA4MCU		
2252	W4KQW		7250	59	59				2253			
2303	WAYMUB	LEO	7250	59	59							
2312	W4KTJ	JOE	7250	59	59				2320	FRE 700 PHONE PATCH		
OCT 23												
2345	WA4JH	-	7105	-	-		A1	1KW	0030	4KN R Blaser WA4DNV		
"	WA4UQ	-	7105	-	-				0030	DUMP EAN IFC		
0030	KSIGR		3645				A1	1KW	0120	RNS ALBERT CAN		
"	WSJDF	JACK	"				"	"	"	"		
"	WASWS WA4JH	-	"				"	"	"	"		

5 STEPS 2:30 APT. 14026 WED

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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	QSLs	
											NAME	S
10-25-69												
2218	KG6AQY	x	28.580			28	A3j	600		CQ.W.W.DX ^{CONTEST} Charles J. Shaffer.		
2220	KX6BC KX6DC	x	28.606	5605	5631				2220			
2221	KH6SP	x	28.618	5905	5931				2221			
2230	JA1YAC	x	28.635	5605	5725				2231			
2232	JA8EL	X	28.640	5505	5505 5725				2233		X	X
2233	HMLBB	X	28.654	5705	5725				2233		X	X
2234	JA3CNQ	x	28.5015	5705	5525				2235			
2238	VE8NWT	x	28.505	5905	5901				2238			
2239	KC4USM	x	28.512	5905	5913				2241			
2242	JAINMM	x	28.515	5905	5925				2242			
2242	KH6GLU	x	28.518	5905	5913 5931				2242	Ed		
2244	KH6IJ	x	28.522	5905	5931				2244	Nosey		
2245	JH1EYB	x	28.545									
2250	KR6VX	x	28.577	5905	592				2250			
2251	JH1DTC	x	28.584									
2258	JALBRX/6	x	28.631									
2302	JA3GJN JA3GZN	x	28.592	5705	5725				2302			
2304	KR6NA K6UA	x	28.561									
2306	KA9MF	x	28.543									
2313	KJ6BZ	x	28.538									
2315	JALVK JALVVK	x	28.518	5905	5925				2317			
2318	KH6GPM	x	28.512	5905	5931				2318			
2325	KH6UL	x	28.5675									
2333	JA3ASO JA3DJN	x	28.592	5805	5825				2333			
2335	KG6AOY	x	28.580	5705	5727				2335			
2335	WA X	KG6AOY W4DRK	28.580	5905	5905				2335	Fletch - Alachua, Fla.		
2337	VSDR	x	28.571									
2347	JALBY	x	28.540	5805	5825				2348			

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
102669												
0432	DLØWW	x	14.238	5805	5814	14	A3;	600	0433	CØWWDY Charles L. Shaffer, op.		
0434	ØD5BZ	x	14.240							CONTEST		
0447	SL3J											
0447	SL3ZV	x	14.240	5705	5714				0448			
0450	DL8NU	x	14.245	5905	5914				0451			
0454	KP4CL	x	14.2585	5905	5908				0454	"YL"		
0457	UT5CTH	x	14.280	5905	5916				0457			
0502	ØHLAA	x	14.28	5805	5815				0502			
0503	KP4DED	x	^{14.256} 14.262	5905	5908				0504	"YL"		
05	CR7BC	x	14.274									
0509	CR4BC	x	14.274									
0515	EATSH	x	14.277	5505	5516				0516			
0519	F3 EA	x	14.241	5905	5914				0519			
0521	LZLDV	x	14.2505									
0540	FG7TI/ES7	x	14.									
0552	HCLRF		14.280	5905	5910				0552			
0558	CT1LN	x	14.270									
0559	KZ5KZ	x	14.260	5905	5907				0559			
0601	PJØDX	x	14.254	5905	5909				0602			XX
0604	ØA1BT	x	14.287	5905	5810				0604			
0634	KV4FZ	x	7.255			7						
0649	ØQ	x	7.080									
0723	CT2AT	x	3.7975	5805	5814	3.5			0728	Azores Islands. (Tx 3.573)		
0741	PJØDX	x	3.795	5905	5909				0741	(Tx 3.860)		
0831	XE1WS	x	7.090	5905	5906	7			0836	(Tx 7.250)		
0837	PJ1AA	x	7.087	5905	5909				0838	(Tx 7.244)		
0841	VP2VP	x	7.0885							x (Tx 7.240)		
0844	PJØDX	x	7.0945	5905	5909				0845	(Tx 7.250)		XX

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	QSLs		
											NAME	S	R
10/26/69	HB9AGC	X	14			14	A3j	600		CA WW DX CONTEST	Charles L. Shaffer, op		
0856	PA0JPC	X	14.253										
0857	UT50Z	X	14.243	5905	5916				0858				
	UA2KBD	X											
0909	DL3XH	X	14.266										
0912	3Z0PZJ	X	14.266							Poland			
0916	G5ANX/A	X	14.261										
1835	CO2DR	X	7020	58	599	7	A1	600		Havana, Cuba	op W4501 Lang Shen Cirilo		
1920	WB4LFP												
	WB4F5F												
	WB4JRV												
2302	CQ	X	3.651	—	—	3.6	A1	300	2235Z	1950	Robert Lightner	W44PWF	
2300	WB4FLW	X	3.940	59	59	3.9	A3j	500W	2330Z		FAST NET	" "	
2330	K4EHY/H	X	3.651	599	599	3.6	A1	300W			QFN	" "	
10/27 1922	WB4EMU	X	7.060	599	599	7.060	A1	600W	1932		Maine	W4501 Merle	OP -
2230	CO2FC	X	7.060	599	599	7.060	A1	500W	2256		Marianao, Cuba	W4501 Lang Shen	
2300	WB4EPD	X	3.940	59	59	3.9	A3j	500W	2323		Robert Lightner	W44PWF	
2323	WB4GHD	X	3.926	59	59	3.9	A3j	500W	2334		"	"	
10/29/69													
0144	WA4RDV	X				3.9	A3j	500	0155		Willie/Roscoe, Va	J. Curran	wa4del
0151	W4LXI	X		59	59	"	"	"	0152		Columbia, County N.C.		
0152	WA4WQT	X				"	"	"	0155		Art		
0200	W4YSS	X	7.250	59		7.250	A3j	"	0210		W. Connolly	K4PWH	
10/28 1830	CO2FC	X	7.250	59	59	7.250	A3j	"	1904		Marianao, Cuba	W4501 Lang Shen	
10/29 1753	CO2FC	X	7.172	599	599	7.172	A1	600	1827		Marianao, Cuba	W4501 Lang Shen	
1834	WB4EMU	X	7046	59	599	7046	A1	600	1948		Maine - Peppay	W4501 Lang Shen	
2148	CO3BU	X	7032	599	599	7032	A1	600	2244		San Antonio Tex	W4501 Lang Shen	

FINIS

OCT 30

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs		
											NAME	S	R
0001	WA4MUB	X	7250	59	59	—	SSB	1KW	0017	MON. 6:30 GENESIS GRM	Joe Drescher MCV		
0009	K4YSS	X	7250	59	59	—	FL	1100	0042		Mike Connolly K4YUN		
0000	WA4UQL												
0255	WA4UQL	X	14.250	5-8	5-8		A3j	500	0311	SAUL	Herman Villaverde WB4PCS		
0255	HK4BFF	X	14.250	5-6	5-6		A3j	500	0311	MARIO	↓		
1801	C038U	X	7043	599	599	7.043	A1	580	1939		op Long there		
23008	K4QIV	X	3.940	59	59	3.9	A3i	1KW	2313	FASTNET	Robert Lightner WA4PWF		
	Oct. 31												
0212	HK3BQP	X	14.267	5-9	5-9	14.267	A3j	500	0216	RAFAEL	Herman Villaverde WB4DES		
0224	HK4AR	X	14.267	5-9	5-9	14.267	"	"	0251	FREDDY			
0245	HK5AKY	X	14.267	5-9	5-9	14.267	"	"	0304	PACHO 4955	↓		
2140	C038U	X	7053	599	599	7.055	A1	180	2155		op. Long there		
2205	W4SMK	X				3.945	A3j	500	2218	TPTN	J. Curran wa4dd		
2222	WA4BMG	X				3.941	"	"	2251	John	↓		
2232	W4YFX	X				"	"	"	2241	Ron	↓		
2304	W4FCP	X	3.940	59	59	3.94	A3j	500W	2328	FASTNET	R. Lightner WA4PWF		
2330	WA4DEL	X	3.940	59	59	3.94	A3j	500W	2331		" " "		
2400	WB4HJW	X	3.651	599	599	3.651	A1	200W	2410	QFN	" " "		
	11/1/69												
1650	WB4EPD	X				3.940	A3j	500	1715	NL	J. Curran wa4dd		
2205	WB4FLW	X				3.945	A3j	500	2211	TPTN	↓		
2211	W4PWB	X				3.932	"	"	2231	Walt	↓		
2 NOV													
0106	X ←	K4EVI	14310	58	59		SSB	1KW	0114	PAUL	Joe Drescher MCV		
0116	WA4UHQ	X	14310	57	59+30				0128	WARD			
0130	WA4QGL	X	14310	58	59+10				0136	BRUCE			
0137	WA4RLV	X	14310	57	59				0148	CARL			

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	QSLs	
											S	R
0228	F9SJ	X	14035	569	589		A1	900W	0238	PIERRE	Joe Drucker WAYMCV	
0258	LU6UFB	X	14047	589	589				0308	FAUSTINO	↓	X
0312	VO1EU	X	14039	579	579				0318	GORDON	↓	X
1501	X	W3JF	14327	5-9 ⁹²	5-9 ⁹³⁰	14.327	A3	500	1549	Keith	Norval Nashitt K4BSF	
1549	X	WA3GAY	14327	5-7	5-9 ⁹¹⁰	"	"	"	1551	RAY RCOB #3	Deleupio GSO party	↓
1732	X	WA2CXY	14.240	59	59	14.240	A3J	280	1745	Gene	Thomas Gunden	X3PTK
1750	X	W3USS	14.32	59	59	14.32	A3J	280	1751	Paul - US Senate	"	"
1754	K3CKY	X	14.32	59	59	14.32	A3J	280	1756	-Hemelston Pa	"	"
Nov. 3												
0222	HK3BQZ	X	14.272	5-8	5-8	14.272	A3j	500	0225	ALICIA	Herman Villaveres	W34DES
0245	HK5AKY	X	14.252	5-9	5-9	14.252	A3j	500	0316	PACHO	↓	
0328	HK3AUE	X	14.330	5-9	5-9	14.330	"	"	0348	HENRIQUE	↓	
2337	WAYMUB	X	7250	59	59		SSB	1KW	0001	7.265	Joe Drescher	MCV
2343	W4RJL	X	7250	59	59				0001		↓	
0007	W9MJH	X	14308	59	59				0026	FRANK		
2306	W4SJE	X	3.940	59	59	3.94	A3;	500	2339	FASTNET	Robert Lightner	W4HPF
Nov 6												
0229	YV5DHB	X	14.268	5-7	5-7	14.268	A3j	500	0243	ANTONIO	Herman Villaveres	W34DES
0230	HE2EO	X	14.268	5-7	5-7	14.268	"	"	0231	MARIELA	↓	
0238	HK5AKY	X	14.268	5-7	5-2	14.268	"	"	0243	PACHO	↓	
0209	HE2LT	X	14.270	5-3	5-3	14.270	"	"	0330	LUCIO	↓	
0308	HK3AFB	X	14.270	5-2	5-2	14.270	"	"	0327	ELIE	↓	
0338	HE2AV	X	14.270	5-8	5-8	14.270	"	"	0351	ALFREDO	↓	
1507	W41YT	X	7075	599	579	7075	A1	150	1541	ANDY	R. Blaser	W4DWH
1915	CA	X				28	A3j	600			Charles I. Shaffer, ops.	
1920	X	W6FRD	28510	53	53				1933	Doc - San Diego.		
1935	WB6WQA	X	28652	54	59				1959	Redondo Bch. - Tim		
2008	W4VFE/0	X	14336	59	59	14			2008	York Co. N.Y. SPEECH DEFECT!		
2012	WAB1XL15	X		59	59				2012	Callahan, Co, Texas.		

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											NAME	S
11-6-69												
2016	WA3IXL/5	X	14.336	59	59	14	A3J	600	2016	WB4CAP Charles J. Shaffer, op.		
2034	WA2CFA	X	7.255			7				No ear!		
2315	CQ	X	—	—	—	39.87	—	—	—	Steve Sheppard		
11-7-69												
1508	SMØDHH	X	28.577	5-3						George E. MORE, WA4NY5		
1516	DK1FX	X	28.565	5-2	5-5				1521	PETER "		
									1527	PETER , "		
1525	G3RK	X	28.607	5-2	5-8				1532	PAT, 100 mi N. OF LONDON "		
2136	CQ	X	28.525			28	A3J	600		Charles J. Shaffer, op.		
2141	X	VK4JP	28.615	43					2153	Briefcase - George. we're best sig into VK from USA!		
2153	X	PZ1BX	28.615						2155	John.		
2203	W4SMK	X				3.945	A3j	500	2210	IPTN J. Curran wa4del		
2210	WB4EPD	X				3.932	"	"	2250	Rich		
2249	WA4EAY/4	X				"	"	"	2251	Tom		
2250	W4KRC	X				"	"	"	2251	Jim		
7 NOV										?		
2338	WA4mub	X	7.265	59	59		SSB	1KW	2353	Joe Drescher WA4mcr		
11-8-69												
0215	CQ	X	14.255			14	A3J	600		Charles J. Shaffer (WB4CAP)		
0232	HR1KAS	X	7.255	5901	59032	7			0234	SOME KIND OF CONTEST		
0237	CQ		7.265									
0239	X	K2ACF	7.274	Q5	58				0252	Phil - N.Y. State		
0254	X	W2VDX	7.290	Q5					0311	Bob - NY State.		
0427	K3YMM/9	X	3.942	57	59	3.5			0429	CHC		
1431	G5YC	X	28.561	5-9	5-9				1440	TED - LONDON George Elmer WA4NY5		
11-9-69												
1642	W2MZR	X	14.26		14.26	14.26	A3J	500	1649	No reply C. Cludwick WA4ZGH		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA		QSLs	
										NAME		S	R
1700	K4YSS	X	7.251			7.251	A3j	500	1705	K4VWH	McConnell		
1712	K4DD	X	3.950			3.950	"	"	1716	MYRON	"		
	Nov. 10												
0206	HK12W	X	14.260	5-9	5-9	14.260	A3j	500	0214	RAFAEL	Herman Villaverde	WB4DES	
0206	HK3AWV	X	14.260	5-9	5-9	14.260	"	"	0211	ARMANDO			
0212	HK5AKY	X	14.272	5-9	5-9	14.272	"	"	0239	PAULO	4485		
0244	HK4BUC	X	14.275	5-9	5-9	14.275	"	"	0259	PAUL	3830 FRAYN		
0259	YV6SC	X	14.275	5-7	5-7	14.275	"	"	0301	Jose			
0301	HC2JP	X	14.275	5-9	5-9	14.275	"	"	0305	PEPE			
11/10 1821	C08JS	X	7.030	569	589	7.030	A1	180	1845	Panes, Cuba	Larry Merer	WA4SR1	
1905	C02FC	X	7.045	59	-	7.045	A1	180		Mariano, Cuba	Larry Merer	WA4SR1	
	C02RD	X	7.045	57	-	7.045	A1	180	1945	Cuba	Larry Merer	WA4SR1	
2306	X	WA4NBE	3.940	59	59	3.94	A3j	500	2325	FAST NET	Robert Lightner	WA4PWF	
2323	X	K4LRA	3.940	59	59	3.94	A3j	500	2340		Robert Lightner	WA4PWF	
1734	R36YD	X	21.538	5-7			A3j	500	1749	DON - ERIE	George Elmore	WA4NKJ	
10-12-69													
2136	WA4BMGA	X	3.946			3.5	A3j	600	2142		Charles J. Shaffer, ops.	WB4CAF	
2209	WB4FLW	X	3.946						2230				
2226	WA4Y11	X	3.946						2228	Sent #501			
2232	X	WB4FLW	3.952						2301				
2248	X	WA4VME	3.952						2252				
2302	WA4RQU	X	3.946						2303				
2305	WB4DSP/4	X	3.947						2325				
2305	WB4EPD	X	3.947						2308				
	11/13/69												
0233	HK3BMX	X	14.295	5-8	5-8	14.295	A3j	500	0237	CARLOS	Herman Villaverde	WB4DES	
0310	HI8IL/w9	X	14.340	5-7	5-7	14.340	"	"	0311	TAVITO			
0336	HK4GV	X	14.270	5-6	5-6	14.270	"	"	0352	GABRIEL BENJAMIN			

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											NAME	S	R
THURSDAY NOV 13, 1969													
1231	F2YQ	X	21358	5-3	5-7		A3;	500	1242	ORLEANS, CLAUDE			
1249	SL5BO	X	21332	5-5	5-7		A3;	500	1313	UPSALA, KEN/KTELL			
1332	110AB	X	28610	5-4	5-7		A3;	500	1343	ALEX, PADUA		XX	
1500	W9YH	X	14325	5-9	5-9 ⁺	14.325	A3;	500	1551	Jim Donald Neslitt K4BGF			
2315	WA4Y11	X	3933	5-1	5-2	3933	A3	500	2326	Bruce Steve Sheppard WB4HHS			
2343	WB4INC	φ	3925	55	58	3925	A3;	500	0038	Robert Lightner WA4PWF			
11-14-69													
2125	WB4ICJ	X					A3;	90	2128	Charles F. Shaffer.			
2128	X	W41YT							2140				
2142	WB4ICJ	X					3.5	600					
2202	W4SMK	X					3.9	A3;	500	2210	TPTN J. Curran w4del		
2210	WB4EPD	X					"	"	"	2248	Rich		
2224	WA4ILS	X					"	"	"	2248	Hugh		
2300	WA4UTX	X	3940	55	55	3940	"	"	2320	Doc	Steve Sheppard		
2320	WA4Y11	X	3935	55	55	3935	"	"	2340	Bruce	WB4HHS		
0125	K4MNY	X	3889	5-3	5-3	3889	"	"	0130				
Saturday Nov 15, 1969													
0000	WA4Y11	X	3940	55	55	3940	A3	500	0100	Bruce	Steve Sheppard		
0100	WA4Y11	X	"			"	"	"	0130	Bruce	WB4HHS		
	WA4ILS	X	"			"	"	"	"	Hugh			
	WA4BNG	X	"			"	"	"	"	John			
	K4TWC	X	"			"	"	"	"	Tom			
	K4QEV	X	"			"	"	"	"	Z.			
	WB4EPD	X	"			"	"	"	"	Rich			
	WA4WNE/4	X	"			"	"	"	"	Ray			
	WB4DEP/4	X	"			"	"	"	"	Jay			
	W4SCP	X	"			"	"	"	"	Chris			

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
0304	W4TRS	X	3650	—	—	3650	A ₁	1000	0305	R Blum WA4DNN		
0305	W4YT	X	3655	599	599	3655			0315	" "		
0315	"	"	3945	59	59	3945	A ₃		0354	" "		
NOV 16, 1969												
1633	W2CR	X	14.26	5-9		14.26	A ₃	500	1645	VAN C. Blood with WA4EGH		
1637	W2PHQ	X	14.26	5-8	5-9	14.26	A ₃	500	1700	ED		
1733	WA8WUX	X	14.24	59	59	14.24	A _{3A}	180	1736	Tom Thomas A. Jordan K3PTK		
1747	WA2CUY	X	14.24	59	59	14.24	A _{3A}	180	1801	Gene-		
1747	K3RSL	X	14.24	59	59	14.24	A _{3A}	180	1801	Carol		
1900	CO	X	—	—	—	21.394	A ₃	500	—	—		
19:16	K0ADJ	X	21.372	58	58	21.372	A ₃	500	19:22	Bill ^{T2-3} _{outside of Iowa} ^{Des Moines} Steve Shepard WB4HHS		
19:42	CO	X	—	—	—	28850	A ₃	500	—	—		
00:15	WAY411	X	—	—	—	3940	A ₃	600	00:20	Bruce ^{no shed}		
NOV 17/69												
0247	LU6DMX	X	14.270	5-4	5-4	14.270	A _{3j}	500	0255	EDGARDO Hernan Villaver WB4DCS		
0250	LU4VW	X	14.270	5-1	5-1	14.270	A _{3j}	500	0256	MARIO		
0255	HK5AKY	X	14.270	5-9	5-9	14.270	A _{3j}	"	0315	PACHO 651282		
0205	HK6BSO	X	14.270	5-9	5-9	14.270	"	"	0315	JAVIER DUQUE		
2305	WAY411	X	3930	59	59	3940	A ₃	120	2327	Bruce Steve Shepard WB4HHS		
2352	WA4VME	X	3940	57	57	3940	A ₃	180	2359	RAY Joe Drescher WA4MCL		
2352	W4MUE	X	3940	57	57		A ₃	180	2355	TOM		
0015	WAYMUB	X	3940	57	57				0029			
0245	—	X	7039	—	—	7039	A ₁	180	0249	TEST R Blum WA4DNN		

NOV 18

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
11-19												
23:00	WAVEPD	X	3940	—	—	3940	A3	180	23:15		Steve Sheppard WB4HHS	
23:15	W4Y11 11/20	X	3928	—	—	3928	A3	180	23:26	BRUCE	↓	
0225	HK50VA	X	14.331	5-8	5-8	14.331	A3j	500	0228	Justo	Herman Villaverde	WB4DES
0257	YU8BT	X	14.265	5-8	5-8	14.265	A3j	500	0259	JOSE	↓	
0258	HK5AKY	X	14.265	5-8	5-8	14.265	"	"	0326	PACUO	↓	
0339	HK4BPD	X	14.247	5-9	5-9	14.247	"	"	0357	LEON	↓	
11/20/69												
1501	X	W9YH	143265	5-9	5-9	14.3265	A3j	500	1611	Jim Almond	Muslitt	K4BGF
1539	X	K8DTF	"	5-9	5-9	"	"	"	1550	PAUL	CANTON, OHIO.	
1551	X	WB464U	"	5-9	5-9	"	"	"	1611	JOE	Chattanooga, Tenn	100 v. 600. 242.
1600	X	WA3IWS	"	5-7	5-9	"	"	"	1611	ERIC	Philadelphia	
1605	X	WA3HRE	"	5-6/9	5-3/9	"	"	"	1611	WALLY	OLNEY, MD.	
1632	W2MZR	X	14.26			14.26	A3j	500	1750	ART	(near St. Lawrence)	Chadwick
1634	X	WB2VTT							1700	JERRY		
0000	WB4INC	X	3.925	—	—	3.9	A3j	500	0007	Robert	Lightner	WA4PWF
0208	WB2TRB	X	14.25	59	59	14.25	A3j	180	0210	Bernie	Kuttanor	N.J. - T. Gardens
0224	K3SRO	X	14.26	59	59	14.26	A3j	180	0325	Bob	Alvahu, Pa.	"
2202	W4SMK	X				3.945	A3j	500	2223	TPTN	J. Curran	WA4DL
2227	WBAEPD	X				3.945	"	"	2251	Rich		
2302	WB4HHS	X	3940	—	—	3940	A3	180	2330	FRED	Steve Sheppard	WB4HHS
2320	W4Y11	X				3940	A3	180			↓	
2345	X	W4Y11	3940	—	—	3940	A3	180			↓	
0000	W4Y11	X	3940	5-7	5-7	3740	A3	180	0008	BRUCE		
11-23-69												
1600	W2MZR	X	14.29			14.29	A-3	500	1801	ART	E. Chadwick	WA4EGH
1623	K2BIV	X	14.29	5-9+15	5-9+6	"			1629	WARREN	↓	↓
1637	W2YRK	X	"	5-		"			1645	DICK	↓	↓

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA		QSLs	
										NAME	S	R	
#11-24-69													
0000	K3SRO	x				14.30	A3A	180		No Go.	J. Gradano		
0010	WB9ANG	x	14.295	59	59	14.295	A3A	180	0018	Bruce - Wisconsin	"		
0026	WB6VUW19	x	14.305	59	59	14.305	A3A	180	0035	DAN - Milwaukee	"		
0209	WAIMEA/HB	x	14.266	5-9	5-9	14.266	A3j	500	0213	SYLVIA	Herman Villaverde	WB4DCS	
0216	AK3TS	x	14.266	5-8	5-8	14.266	"	"	0223	BERNARDO			
0215	#65ZP	x	14.266	5-1	5-8	14.266	"	"	0222				
0223	OA2AR	x	14.266	5-9	5-9	14.266	"	"	0227	DANIEL			
0227	AK4BUC	x	14.266	5-9	5-9	14.266	"	"	0236	PAUL			
0238	AK4BUE	x	14.266	5-8	5-8	14.266	"	"	0245	SAMUEL			
0244	AK4GV	x	14.266	5-9	5-9	14.266	"	"	0307	BENJAMIN			
0307	AK3FE	x	14.266	5-9	5-9	14.266	"	"	0313	FRANCISCO			
0315	AK5AKY	x	14.266	5-9	5-9	14.266	"	"	0327	PACAO			
0016	W8JLC	x	14.305	59	59	14.305	"	180	0025	Jerry - MICHIGAN	Tom Gradano	K3PTK/4	
0048	K3IFH	x	14.295	59	59	14.295	"	"	0209	Ed - Philly (Phone Patch)	"	"	
0059	W2AYD	x	"	"	"	"	"	"	0135	AL -	"	"	
D307	WB4HJW	x	3650	599	599	3650	"	180	0317	QFN	Richard Wm. Blaw	WA4ONV	
1720	CO2FC	x	7060	59		7060	A1	180		(Mariano) Cuba	Cecilio	WA5SP	
1737	K4HFB	x	7060	599		7060	A1	180	1737	Miami, Fla.	Denio	OP-WATSON	
NOV-30, 1969													
1600	W2MZR	x	14.29			14.29	A3j	500	1718	ART	E. Chadwick	WA4EGH	
1610	W2CNU	x	14.29		5-7	14.29	A3j	500	1629	FRANK			
1615	W4GUJ	x	14.29			14.29	A3j	500	1629	JOHN			
1715	X	W9CKU	14.29			14.29	A3j	500	1718	PAT			
Dec. 1, 1969													
0244	YV4RZ	x	14.269	5-8	5-8	14.269	A3j	500	0246	OSWALDO	Herman Villaverde	WB4DCS	
0252	#C1JK	x	14.269	5-7	5-7	14.269	"	"	0256	FERNANDO			
0258	HK10HP	x	14.269	5-1	5-7	14.269	"	"	0307	MARIO			
0301	OA2AR	x	14.269	5-9	5-9	14.269	"	"	0307	DANIEL			
0318	HK7ASE	x	14.253	5-9	5-9	14.253	"	"	0354	JAIME	SALMIENTO ²²²		

WB4DCS warned about extra class band on 12/2/69 and 1/2/69

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										NAME	S	R		
12/1/69 0325	HK5AET	W4DFU	14.253	5-7	5-7	14.253	A3j	500	0354	Luis	300 PALMIRA	Hernan Villaverde	WB4DCS	
0328	HK6BSO	"	14.253	5-7	5-7	14.253	"	"	0354	JAVIER DUQUE	LA DORADA			
0338	HK5AKY	"	14.253	5-7	5-7	14.253	"	"	0354	PACHO				
1847	CO3DP	"	7.076	57	---	7.076	A1	500	---	Diego	Larry	Ther	W4501	
---	CO3RP	"	7.076	---	---	7.076	A1	500	---	Raul	"	"	"	
---	CO3BU	"	7.050	579	579	7.050	A1	500	2000	Jose	"	"	"	
12/2/1800	CO3RU	"	7.035	---	---	7.035	A1/A3j	500	2000	Jose	"	"	"	
12/4														
0236	HK4TP	X	14.295	5-9	5-9	14.295	A3j	500	0310	CARLOS		Hernan Villaverde	WB4DCS	
0321	HK3BIF	X	14.282	5-7	5-7	14.282	A3j	"	0323	GUILLERMO				
1600	W2MZR	X	14.327	5-9		14.327	A3j	500	1755	ART		G. Chadwick	W4Y6H	
1655	DJØJY	X	14.327	5-5		14.327	A3j	500	1730	BRAD				
1718	X	W4EFQ	14.327	5-9		14.327	A3j	500	1739	Phil				
1728	X	K4DDL/8	14.327	5-9		14.327	A3j	500	1755	LEO				
12/5/1832	CO3RU	X	7.035	579	579	7.035	A1	500	2016	Jose		Larry	Ther	W4501
4.12.69														
2307	X	W4Q4V	3.940	59	59	3.9	A3j	500	2320	EASTNET		Bob Lightner	W4Y6H	
12/5/69														
0301	X	HK5AKY	14.339	5-6	5-6	14.339	A3j	500	0315	PACHO		Hernan Villaverde	WB4DCS	
1702	W4BDR	X	7.255	59	59	7.2	A3j	500	1704	FMTN		Robert Lightner	W4Y6H	
1704	WB4CBP	X	7.265	59	59	7.3	A3j	500	1711	TED		"	"	
2204	W4SMK	X				3.945	A3j	500	2213	TPTN		J. Curran	W4HDL	
2213	WB4EPD	X				3.936	"	"	2243	Rach				
2219	K4Q4V	X				"	"	"	2249	Bony				
2243	W4HLS	X				"	"	"	2249	Hugh				
212-69														
2345	W4Y11	X				3.937	A3	500				Steven Sheppard	WB4HHS	
0000	K4ASP	X	3.940	57	59	3.940	"	"	0014	ENRICO				
0000	W4Y11	X	3.940	59	59	3.940	"	"	0002	?				

K4ASP

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										NAME	S	R	
12/6/69	CO380	X	7.031	579	599	7.031	A1	500	2034	Jose	Lang Thier WATSAI		
X	X	CO380	7.031	579	599	7.031	A1	500	2034	Roberto	Lang Thier WATSAI		
12/7/69													
0126	K4ASP	X				3.942	A3j	500	0256	Low	J. Curraw would		
0210	WB4EPD	X				"	"	"	0256	Rich			
0210	K4NKA	X				"	"	"	0256	John			
0234	W4AY11	X				"	"	"	0246	Bruce			
0252	W5RXU	X				"	"	"	0256	Dale			
1600	W2MZR	X	14.285	5-9+	5-9	14.285	A3j	500	1726	ART	G. Chadwick WAYEGH		
1600	K4DDL/S	X	14.285	5-9+	5-9	14.285	A3j	"	1613	Leo			
1608	W48WVX	X	14.285	5-9+	5-9+	14.285	A3j	"	1720	TOM			
12/7/69	W4YVW	X	14.285			3940	A2	"			Steve Sheppard WB4HHS		
12/8/69													
0250	CQ	X	14.284			14.284	A3j	500		No qso	Hernan Villaverde WB4DCS		
12/9/69													
0117	K3ICF	X	14.320				A3j	180			Thomas Gordano K3PTK		
10,12,69													
1840	CQ	Y	14.032			14.0	A1	180	1845	Robert Lightner WA4PWF			
1856	W1AW	X	21.07	599	599	21.0	A1	180	1911	Robert Lightner WA4PWF			
12/11/69	WK5BYR	X	14.289										
0233	WK5BYR	X	14.289	5-8	5-8	14.289	A3j	500	0243	BERNARDO	Hernan Villaverde WB4DCS		
0244	WK7ASE	X	14.289	5-8	5-8	14.289	A3j	500	0253	JAIME			
0244	LW3XK	X	14.289	5-8	5-8	14.289	A3j	500	0254	LUIS			
0254	DAZS	X	14.289	5-3	5-3	14.289	"	"	0255	PELMO			
0259	WK5BFB	X	14.289	5-8	5-8	14.289	"	"	0306	DOE			
0314	WK4BFE	X	14.300	5-8	5-8	14.300	"	"	0317	BERNARDO			
0314	WK4BFF	X	14.300	5-8	5-8	14.300	"	"	0327	MARIA			

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											S	R
0409	X	WA9EQN	14290	57	58	14290	SSB	1000w	0430	HARDEY	Joe Drescher NAME WA4MCL	
0434	X	WB2AHE	"	57	57	"			0447	INKIE	↓	
12-14-69												
1602	W2MZR	X	14.285			14.285	A3J	500			C. Chadwick WA4EGH	
1605	X	KG4CO	14.285			14.285	A3J	500		Bailey	↓	
1623	WB65HC/2	X	14.285	5-9+2	5-9	14.285	A3J	500		STAN	↓	
1918	WB4DSP	X	3.940			3.5	A3J	600			Charles J. Shaffer, Jr.	
2049	QRZ?	X										
2111	WB4EPD	X	3.9405	59 ²⁵	59				2120	Rich. St. J. Chawala		
2113	X	W5RXU	3.9405	44					2120	Dale - Little Rock, Ark.		
12-15-69												
0303	WB4DSP	X										
0303	X	KA4J							0303			
2204	WB4EPD	X				3.940	A3J	500	2247	TPTN	J. Curran watched	
12-24-69												
0215	CQ	X				21.40	A3J	500			C. Chadwick WA4EGH	
0225	WA0UTH	X	21.4	5-9	5-9	21.40	A3J	500	0230	Roger	↓	
0230	W8HV	X	21.4	5-7		21.40	A3J	500	0233	JOE	↓	
1902	KH6GPM	X	21.440	5-8	5-8	21.440	A3J	500	1932	GERRY	↓	
1900	KH6BGF	X	21.43	5-7		21.430	A3J	500	1902	MARINE Corp. Net	↓	
12-26-69												
1915	K6RJR/KP4	X	21.430	5-9	5-	21.430	A3J	500	2040	BILL USMC NET	C. Chadwick WA4EGH	
1958	KH6GPM	X	21.445	5-8	5-9	21.445	A3J	500	2034	GARRY	↓	
2145	W2NA	X	14.324	5-9	5-9	14.324	A3J	500	2153	ED	↓	
2146	K9BJM	X	14.324	5-6		14.324	A3J	500	2148		↓	
1500	W9HUF	X	21.435				USB	180		SKED NO GO	op Don Sargy W4UEK	
2000	W9HUF	X	21.433	5-5			USB	500?	2029	SKED	op Don Sargy W4UEK	
2130	W9HUF	X	21.427				USB	500		SKED NO GO	op Don Sargy W4UEK	
2134	WA3SMI	X	21.427	5-8			USB	180	2136	Ray - AMP SPLATTERING	op Don Sargy W4UEK	

29 Dec 1969
2 JAN 70
2 JAN 70

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										NAME	S	R		
1-4-70	1623 WAHR60	X	3.925	5-9	5-9	3.925	A-3j	180	1636	AL BRANDON, FLA.	Jim Tye	WB4DOL		
	1634 W4SK	X	3.925	5-9	5-9	"	"	180	1636	RUMBRAY EAU	GALLIE	"		
	1905 KH6AHQ	X	21.429			21.429	A3j	500	1921	No reply	C. Chadwick	WA4EGH		
	1922 WA6QIC	X	21.429			21.429	A3j	500	1923	"				
	1925 CQ	X	21.405			21.405	A3j	500	1926					
	1926 WB2BXE	X	21.405	5-9	5-	21.405	A3j	500	1935	MIKE				
1-5	2303 WB4EPD	X	3.94	5-9	5-9	3.94	"	"	2331	RICH	FAST NET	J Tye	WB4DOL	
	2310 W406X	X		"	"	3.95	"	"	2320	BILL				
	2311 WB4ICJ	X		"	"	3.95	"	"	2312	HOWARD				
	2321 K4YSW	X		"	"	"	"	"	2324	TANDY	MIAMI			
1-8	2205 WB4FLW	X		3-5	5-9	3.94	"	"	2215	TED	TPTN			
	2215 WB4EPD	X			"	"	"	"	2220	RICH				
	2216 K4YSW	X			"	"	"	"	2225	TANDY				
	2225 WA4INYJ	X			"	"	"	"	2230	GEORGE				
	2300 CQ	X			"	21.36	"	"	2310					
	2315 CQ	X			"	14.28	"	"	2320					
	2334 WIAM	X			"	14.28	"	"	2340	CHRIS				
119	1738 TEST	X				21.388	"	"	1738	Ronald Ruslett	K4BGF			
	1741 CQ	X				21.394	"	"	1741	Band very poor.				
	1741 X	WB4FTS		5-6	5-9+	"	"	"	1802	CHARLIE	Stow, Ohio.			
	1741 X	63YTW		5-4	5-6	"	"	"	1802	GRAHAM	HUNTERTON			
	1741 X	WB2VTT/2		5-8	5-9+	"	"	"	1802	JERRY	RUTHERS.			
	1801 X	K2DQ		5-9+	5-9 ²⁰	"	"	"	1802	wanted sig. rpt.				
	2203 W4SMK	X				3.940	A3j	500	2227	TPTN	J. Curran	watdd		
	2254 WA9PX	X				14.29	A3j	900	2255	GRM	Rm Cooper	WB4DGM		
	2316 W4OQP	X				14.315	A3j	900	2327	AltaPhone Patch				
1/10	1834 CQ3BU	X		599	599	7.140	A1	500	1900	Larry Thoren	WA4SAI			
	1920 WA4ZG	X		59	-	7.255	A1	500	2048	Larry Thoren	WA4SAI			
	2048 X	WB4FSF		59		7.253	A1	50	2052	Larry Thoren	WA4SAI			

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										NAME	S	R
1/10/70												
2208	WB4EPD	X				3.928	A3j	500	2236	Rich	J. Curran wa4dd	
2208	WB4FW	X				3990	"	"	2208	TPTN		
2225	WB4FW	X							2236	T-d		
0309	WA3MGH	X	14.030	599	599	14.030	A3	800	0322	WASHINGTON D.C.		
00327	CQ	K4Y0Z	14.290	59	59	14.290	A3j	180	0346	MEMPHIS TENN		
0346	X	W4LKC	"	"	"	"	"	"	0400	ROY NEWPORT NEWS, VA		
0346	X	WB4EYV	"	"	"	"	"	"	0400	CHAT, MEMPHIS TENN		
Alm Victor WA4MEX My 8 2:00 next dal meeting!												
1852	X	CO3BU	7.035	599	599	7.035	A1	500	1948	Larry Sher WA45QI		
200	CO	WB4X/47.283	59	59	59	7.283	A3j	180	2020	Roy Larry Sher WA45QI		
2022	CO	WB4HTJ	7.283	59	59	7.283	A3j	180	2044	Steve Larry Sher WA45QI		
1/12/70												
0159	HK3BQP	X	14.323	5-7	5-7	14.323	A3j	500	0206	RAFAEL	Herman Villaveres WB4DES	
0205	WB2SBY	X	14.323	5-8	5-7	14.323	"	"	0206			
0224	HK5B00	X	14.323	5-9	5-9	14.323	"	"	0240	FERNANDO		
0240	HC2JN	X	14.323	5-9	5-9	14.323	"	"	0243	JUAN CARLOS		
13 JAN												
0120	WB4EPD	X	3.940	59	59	3.940	A3j	500	0124	RICH	JOE DRESHER	
0209	WA4MND	X	3.978	57	57	3.978	"	"	0211	BILL	WA4MND	
2052	X	WA4MNA/4	7.270			7.270	A3j	180	2053	Larry Sher WA45QI		
2055	X	CO3BU	7.035	599	599	7.035	A1	180		Larry Sher WA45QI		
	X	CO2KW	7.035	599	599	7.035	A1	180	2214	Larry Sher WA45QI		
1/14 1836	W9JVO	X	1436			14.326	A3j	180	1904	Larry Sher WA45QI		
0200	WA4EV	X				14.340	A3j	500	0208	NE	J. Curran wa4dd	
1/15												
0242	HK4BUC	X	14.281	5-7	5-7	14.281	"	"	0252	PAUL	Herman Villaveres WB4DES	
0252	HC2UH	X	14.327	5-7	5-7	14.327	"	"	0258	EDUARDO		
0259	HC5B5	X	14.327	5-7	5-7	14.327	"	"	0301	SOSE		

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											NAME	S
1/16 0056	CQ	X				14.295	A3j	500	0056	Donald Meslitt K9BGF		
0056	X	WA9RZD		5-4/9	5-9+	"	"	"	0105	Geo. N.W. Side Chicago.	X	X
0105	X	HC7RU		5-4	5-9+	"	"	"	0123	Lloyd		
0123	X	T18BJH		5-6/9	5-9+	"	"	"	0145	Bill ^{Jerry Titus} 3B-101		
0140	X	YV4FAV		4/5-	5-9+	"	"	"	0145	BeET		
2203	W4SMK	X				3.940	A3j	180	2212	TPTN		
2212	WB4EPD	X				3.935	"	500	2241	Rich		
2237	WA4VLQ	X				"	"	"	2244	Roger		
1/17 1931	W7VC4	X	28.6			28.6	A3j	180	1945	Longview, Wash. Hugo Larry Theren WA45QT		
1952	WA0TEN	X	28.6				A3j	180	1958	Denver Larry Theren WA45QT		
2005	K0RAB	X	28.7			28.7	A3j	180	2047	St. Paul, Minn Larry Theren WA45QT		
2048	WA6PSD	X	28.7			28.7	A3j	180	2101	Corona Phil Larry Theren WA45QT		
2103	WA7IRZ	X	28.6			28.6	A3j	180	2107	Larry Theren WA45QT		
2108	YV3AR	X	28.6			28.6	A3j	180	2129	Larry Theren WA45QT		
2133	WB6PHX	X	28.6			28.6	A3j	180	2140	BeET Larry Theren WA45QT		
1-18-70												
1900	KH6AHQ	X	21.43			21.43	A3j	500	1930	No Reply		
1/19/70												
0207	CEBAEK	X	14.323	5-8	5-8	14.323	"	"	0216	Ronald FETO		
0216	WK5B00	X	14.323	5-8	5-8	14.323	"	"	0232	GLADYS		
0244	HK7BDF	X	14.327	5-5	5-9	14.327	"	"	0250	ERIBERTO		
0251	T12BVC	Y	14.327	5-9	5-9	14.327	"	"	0256	BOSCO		
0258	T12REGU	X	14.327	5-9	5-9	14.327	"	"	0304	EFRAIN		
0313	PC45D	X	14.331	5-9	5-9	14.331	"	"	0314	Sose'		
0330	AK4AD	X	14.333	5-8	5-8	14.333	"	"	0410	FULLO ^{LUIS AGUDELO}		
1/20 2026	CA10	WA0REGU	28.6			28.6	A3j	180	2041	Larry Theren WA45QT		
2110	CA10	W0DKV	28.6			28.6	A3j	180	2125	" " "		
2130	CA10	W0EN	28.7			28.7	A3j	180	2148	" " "		
2200	KH6BFF	X	28.7			28.7	A3j	500	2211	" " "		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
1/21 1840	CA10	W7HAR	28.6			28.6	A3j	180	1900	Larry Merer W45QI		
1950	KG MCT	X	21.43	5-9		21.43	A3j	500	1952	SMC NET C. Chadwick W4VE6H		
1953	KH6AJF	X	21.4	5-9		21.42	A3j	500	2009	DALE		
2017	W6FM0	X	28.55		59	28.55	A3j	180	2037	Larry Merer W45QI		
2049	LU3BSS	X	28.57		59	28.57	A3j	500	2059	" "		
2104	CO3BU	X	7.032	599	599	7.032	A1	180		" "		
	CO3DB	X	7.032	599	599	7.032	A1	180	2140	" "		
2143	LU3BSS	X ⁵⁰⁰	28.57	59	58	28.57	A3j	500		" "		
	X	HK481A ⁵⁰⁰	28.57	58	59	28.57	A3j	500	2232	" "		
2242	ZLIAMB	X	28.57	58	59	28.57	A3j	500	2243	" "		
2247	VK2FU ^{4L}	X	28.6	55	56	28.6	A3j	500	2258	" "		
1/22/70												
0228	HCIEH	X	14.325	5-9	5-9	14.325	A3j	500	0233	HERNAN Hernan Villaverde W34DC5		
0238	HC2HG	X	14.325	5-8	5-8	14.325	"	"	0240	OMERO		
0248	HKIAGV	X	14.325	5-9	5-9	14.325	"	"	0250	ESPERANZA		
0312	HK5BUJ	X	14.320	5-9	5-9	14.320	"	"	0330	LUCERO		
0411	HK4BYM	X	14.325	5-7	5-7	14.325	"	"	0444	OSCAR		
1/23 1934	WVSBTS	X	28.55			28.55	A3j	180	1948	Guillermo W45QI Larry Merer		
1950	W76KVM	X	28.6			28.6	A3j	180	2000	Tom		
2003	ZL3JO	X	28.6	58	59	28.6	A3j	500	2018	Mark		
2017	ZM2RC	X	28.6	58	58	28.6	A3j	500	2033	Ron		
2039	WAPMBU	X	28.6	59	59	28.6	A3j	500	2050	Mary WYOMING		
2112	CE3EB	X	28.6	57	59	28.6	A3j	500	2144	A Hector Chile		
2146	WØHSC ^{MARK}	X	28.55	59		28.5	A3j	180	2203	N. Dale		
2208	CA10	WVSDCO	28.6	59	59	28.6	A3j	500	2228	Pando		
2246	VK2FU	X	28.6	58	59	28.6	A3j	500	2258	G.I.		
2327	KL7CAH ^{WVSD}	X	28.6	55		28.6	A3j	500	2332	" "		
1/24 1916	YN1SN	X	28.6			28.6	A3j	180	1937	" "		
1945	Y8JL	X	28.6			28.6	A3j	500	2000	MANAUS, BRAZIL ^{LUIS}		

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	QSLs			
											NAME	S	R	
2002	KH6AHQ	X	21.351	4-2		21.351	A3J	500	2059	ART	C. Chadwick	WA4EGH		
2100	KH6AHQ	X	28.8			28.8	A3J	500		No Luck				
2108	X	WAYKDL	28.8	5-6		28.8	A3J	500	2195	PICK				
2140	CA DX	CE5BD	28.6		58	28.6	A3J	500	2200	Alejandro	Larry Jones	WA4SDI		
2202	1U4VW	X	28.65	57	58	28.65	A3J	500		Mario	"	"		
X	HK7VO	X	28.65	59	59	28.65	A3J	500	2235	Antonio	"	"		
2237	X	K25DQ	28.65	58	5	28.65	A3J	500	2243	Mario	"	"		
1910	CO3BU	X	7.038			7.038	A3J	180	1946	Jose	"	"		
2022	PY8JL	X	28.6			28.6	A3J	500	2138	Luis	"	"		
1/25/70														
2310	WB4IHI	X				3.940	A3J	500	2315	Fla. Emergency Net	J. Curran	W4DCL		
1/26/70														
0217	HK3BMH	X	14.339	5-9	5-9	14.339	A3J	500	0219	MARIO	Herman Villaverde	WB4DCL		
0241	HK4BXV	X	14.444	5-9	5-9	14.444	"	"	0331	CONRADO				
0314	HK3BQP	X	14.430	5-7	5-7	14.430	"	"	0318	RAFAEL				
0335	HK5AKY	X	14.338	5-8	5-8	14.338	"	"	0352	PACHO				
27.1.70														
1653	TEST	X	7.229	—	—	7.2	A3J	500	1654	Robert Lightner	WA4PWF			
1715	X	W4GDK	7.252	59	59	7.2	A3J	500	1740	Robert Lightner	WA4PWF (FMTR)			
1740	X	WB4CBP	7.256	59	59	7.2	A3J	500	1754	Robert Lightner	WA4PWF			
2247	TEST	X	3.944	—	—	3.9	A3J	500	2248	Robert Lightner	WA4PWF			
2310	Y	K4QIV	3.940	59	59	3.9	A3J	500	2313	Robert Lightner	WA4PWF (FASTNET)			
2313	X	WB4GHD	3.915	59	59	3.9	A3J	500	2337	Robert Lightner	WA4PWF			
2313	X	K4IKE	3.915	59	59	3.9	A3J	500	2346	Robert Lightner	WA4PWF			
1-28-70														
2000	KH6AHQ	X	21.351	5-3	5-	21.351	A3J	500	2018	ART	C. Chadwick	WA4EGH		
1/29/70														
0222	HC1BL	X	14.327	5-6	5-6	14.327	A3J	500	0226	CARLOS	Herman Villaverde	WB4DCL		

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA		
										NAME	QSLs S	R
2200	WAYPWE	X	3.94	5-9	5-9	3.94	A3j	500	2218	Tom	FAST NET	J. Tye WB4DOL
2206	W4KDJ	X	"	"	"	"	"	"	2218	John	Miami	
2255	WA4YII	X	3.947	5-9	5-9	3.947	A3	500	2312	Bruce	Steve Sheppard	WB4HHS
30/1/70												
1712	W4SDR	X	7.254	59	59	7.2	A3J	200	1722	Robert L. Lightner	WAYPWF	FMTN
2238	WB4EPD	X				3.935	A3j	500	2319	Rich	J. Curran	wa4dd
2250	K4YSN	X				3.935	"	"	2257	Tandy		
2300	K4YSN	X	3.932	59	59	3.9	A3J	500	2341	Robert Lightner	WAYPWF	
1/31 2000	WANLS	X	28620			28620	A3j	500		Jose	Larry	WB4HHS
	PY8JL	X	28620			28620	A3j	500		Luis	"	"
2200	WA4YII	X	3.950			3.950	A3	500			Steve Sheppard	WB4HHS
2300	WA4YII	X				3.950	A3	500			"	"
2/2/70												
2208	WB4EPD	X				3.940	A3j	500	2212	TPTN	J. Curran	wa4dd
2305	WB4EPD	X	3.940	5-9	5-7	3.940	A3	500	2330	Fast	Steve Sheppard	WB4HHS
2307	WA4YII	X	3.945	5-7	5-7	3.945	A3	500	2330	Bruce	"	"
2-3-70												
0205	WA4ZXH	X		3-4	3-4	14.30	A3j	100	0208		J. Tye	WB4DOL
0311	W8ICQ	X		5-9	5-9	14.29	"	500	0235	Kentucky (STEP)	Ohio	Steve
2-3-70												
0323	CQ	X	3.940	3.940		3.5	A3j	500			Charles J. Shaffer	WB4CAP
0324	X	W5MPX	3.940	3.940	59 ⁺²⁰				0343	Carl - Lafayette, La.		
0418	X	WB4JSPA	3.935						0608			
0421	X	K4QYV	3.935						0430			
0454	X	W4PBR	3.940						0606			
0616	TEST	W4DFU	7.295			7.			0616			
2024	CQ	X				28						
2027	X	W6ZSL/6	28.580						2031	Bob Edwards	AFB	
2032	CQ	X								Don.		

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GMT. DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS- SION TYPE	AVE. POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
2-3-70												
2050	CQ	X	3.945			3.5	A3j	600				
2051	VVV	X	3.946				A1	1000	2057			
2058	CQ	X	3.945				A3j	600				
2118	X	WAACOR	3.940						2159			
2131	W8UO W 4	X	3.940						2147			
2150	X	WAALS	3.940						2159			
2205	X	WAALS WB4TJ	3.940						2300	TPTN		
2308	X	WA4SFF	3.940						2336	FAST Net.		
2/4/70												
0226	X	YV5EPL	14.346	5-9	5-9	14.346	A3j	500	0231	ANDONY	Herman Villaver WB4DCS	
0235	X	HC2JP	14.325	5-8	5-8	14.325	"	"	0239	PEPE		
0301	X	OA1Z	14.285	5-8	5-8	14.285	"	"	0310	EMMA		
2000	KH6AHQ	X	21.353			21.353	A3j	500				
2000	W2NA	X	21.353			21.353	A3j	500				
2/5/70												
0214	YV5EPL	Y	14.330	5-7	5-7	14.330	A3j	500	0224	ANDONI	Herman Villaver WB4DCS	
0220	HK4BVU	X	14.290	5-6	5-6	14.290	"	"	0303	HUMBERTO		
0220	HK4BVU	X	14.290	5-6	5-6	14.290	"	"	0303	HENRY ELRIC		
0317	HK3BET	X	14.323	5-7	5-7	14.323	"	"	0320	JUAN		
0323	YV5ALK	X	14.323	5-8	5-8	14.323	"	"	0328	TULIO		
0331	W8TQY	X	14.320	5-8	5-8	14.320	"	"	0344	EDGAR		
0340	HC2PCG	X	14.320	5-7	5-7	14.320	"	"	0344	CARLOS		
0950	KC4USN	X	14.332			14	A3j	600	1021	Tony & Amundson-Scott Stn.	Charles J. Shaffer, WB4CAF	
1002	X	KP4BFF	14.332						1010	Bob: USN base near San Juan.		
1232	WN4MAR	X	21.120	579	599	21	A1	1000	1249	LOUISVILLE - JIM		
1300	WN4PIL	X	21.180	599C	599K				1434	GVL - Jerry.		
1335	X	WN4PPL	21.180						1434			
1501	X	W9YI	14.331	5-9	5-9	14.331	A3j	500	1602	Jim	Ronald 2 Resnet KP4BFF	

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GMT 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	QSLs	
											NAME	S
2-8-70												
2003	x	WA4IZ1	3.936			3.5	A3j	600	2008	Stan. Gr., Ga.	Charles J. Shaffer	WB4CAP
2021	x	K4GCC	3.941						2025			
2045	x	WA4RGO							2045			
2057	WA4RGO	x							2100	AL.		
2101	WB4DSP	x							2104			
2101	x	WB4FSF							2104.			
2121	K4QCG	x							2122			
2125	x	WA4NNB							2133			
2133	WA4EW1	x										
2136	K4KE	x							2140			
2136	x	K4QCG							2138	Ken		
2248	WA4NNB	x							2312	Vince.		
2250	WB4DSP/4	x							2312	Jay		
2307	W4YPX	x							2311	Ron		
2315	W4YPX	x							2340	Ron	C. Jay Bennett on Microphone.	
2/9/70												
0248	WK3AUE	x	14.321	5-8	5-8	14.321	A3j	500	0252	ENRIQUE	Herman Villaverde	WB4DES
2-10-70												
0123	WN6CEL	x	21.202			21	A1	1000	0125	NR 45 SJV	①	Charles J. Shaffer
0127	WN7NTF	x	21.137						0130	NR 29 WASH	②	
0132	WN6JJI	x	21.153						0134	NR 90 LA	③	
0137	WN6LOV	x	21.113						0140	NR 19 EBAY	④	
0140	WN7LTA	x	21.408						0142	NR 128 ORE	⑤	
0148	WN6IAF	x	21.127						0150	NR 99 SCV	⑥	
0203	WN3MPX	x	7.172			7			0205	NR 14 WPA	⑦	
0206	WN4NGC	x	7.164						0208	NR 261 VA	⑧	
0211	WN2FTO	x	7.170						0213	NR 61 ENY	⑨	
0214	WN8APW	x	7.167						0216	NR 218 MICH	⑩	
0219	WN2MBP	x	7.162						0221	NR 199 WNY	⑪	

GMT DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
2-11-70												
0945	CA NR	x	3.725			3.5	A4	1000			Charles L. Shaffer, WB4CAP	
0947	x	WN9ZY0	3.725						0951 #82 WISC	(23)		
0955	CA NR	x	3.725									
1003	WA9OHX	x	3.940				A3j	600	103j	John - ^{Early Bird} Thank ConNet.		
1043	WN4NVM	x	3.716				A1	1000	1046 #20 NC	(24)		
1047	CA NR	x	3.735									
1055	CA NR	x	3.725 3.722									
1107	WA3JRV	x	7.171	599	599	7			1113	DENVER PA		
1206	W4YFX	x	3.941			3.5	A3j	600	1211	FPTN		
1234	CQ NR	x	21.147			21	A1	1000				
1240	QRZ?	x	21.128									
2/12/70												
0235	K1HHN	x	7.283	5-9	5-9	7.283	A3j	500	0237	HOWIE	German Villaverde WB4PCS	
1848	9258W	x	28.6	56	56	28.6	A3j	500		Joe	Larry Mercer WB4SQ1	
1848	9258EB	x	28.6	56	57	28.6	A3j	500	1910	Lock	" "	
1916	CA DX	OA1U	28.6		28.6	28.6	A3j	500		Johnny	Prira, Peru	" "
1916	x	OA1CN	28.6		28.6	28.6	A3j	500		Rómulo	" "	" "
1916	x	OA1A	28.6		28.6	28.6	A3j	500	1930	Carlos	" "	" "
1930	x	HC1HV	28.6		28.6	28.6	A3j	500	1945	Tulia	" "	" "
2114	CA10	W6SUN	28.05			28.05	A3j	180	2125	George	" "	" "
2130	CA10	W6RBY	28.6			28.6	A3j	180	2138	Rozky	" "	" "
2153	K4GON	x	28.6			28.6	A3j	500	2158	Red	" "	" "
2200	K4GEE/AH6	x	28.6			28.6	A3j	500	2212	Port	" "	" "
13 Feb												
0205	WA7JOF	x	21.375	58	58	-	A3j	500	0207	Idaho	QSL ²⁰⁰ Joe Duescher W44MCV	
0223	HK1ZU	x	14.315	59	59		"	"	0228	RALPHA		
0237	KP4DHU	x	14.280	57	57		A3j	500	0238	POW-E		
2018	VE8MC	x	28.6				A3j	180	2022	Prince Patrick Island	Langley	WB4SQ1

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA			QSLs	
										NAME	S	R	S	R
2034	PJ3JHH	X	28.6			28.6	A3j	180	2039	Hearty Larry	Meriden	WA4SOT		
2041	WA7GPD	X	28.6			28.6	A3j	180	2047	Bob Utah	"	"	WA4SOT	
2111	WA4NBF?	X	28.6			28.6	A3j	180	2124	IDAHO	"	"	"	
2122	VK2FU	X	28.6			28.6	A3j	500	2130	Bill	"	"	"	
2135	3DD	X	28.6			28.6	A3j	500	2145	AI	"	"	"	
2152	CQ 10	WA4NBO	28.6			28.6	A3j	180	2158	Ron WYO.	"	"	"	
2205	WA7LRV?	X	28.6			28.6	A3j	180	2213	Bill	MONTANA	"	"	
2/14/70														
2023	WK3MT/1	X	14.310	5-9	5-9	14.310	A3j	500	2025	SOLIO	Herman Villaver	WB4DES		
2056	WK5AKY	X	14.340	5-8	5-9	14.340	A3j	"	2114	PACKO				
2056	VU5ALK	X	14.340	5-8	5-9	14.340	A3j	"	2124	TULLIO				
2056	WB7QY	X	14.340	5-9	5-9	14.340	"	"	2113	TED				
2/16/70														
0035	CQ	X	14.284			14.284	A3j	500	0054		Herman Villaver	WB4DES		
0101	HC2JU	X	14.330	5-9	5-9	14.330	A3j	500	0103	HELEN				
2-17-70														
0256	QRZ?	X				3.5	A3j	600			Charles J. Shaffer,	WB4CAP		
1918	TEST	X				28								
2013	VVV						A1	170						
2132	WB4DSP	X				3.5	A3j	600						
2151	WA4PWF/4	X							2154					
2202	WB4HNL	X	3.940						2220	Rick	-TPTN			
2212	W4KGJ	X	3.940						2215	and	NR3			
2225	WB4EPD	X	3.940						2230					
2304	K4QYV	X	3.940						2315	FAST	Gray			
2-18-70														
0008	WA4IJH	X	3.651					A1	1000	0016	QFN	-Mac,		
0104	VE3 FLE	X	7.078	589	579	14	A1	180	2028	LARRY	-Woodstock	Stanley	WB4PFTV	
0429	CQ	X	7.078			"	"	"						

DATE?
DON'T
USE EST

GMT DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS- SION TYPE	AVE. POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
0146	CQ	X	14.311			14.311	A3	180			Stanley Clark	W841PP
0151	CQ	WB4AJZ	14.311	5-8	59	14.311	"	"	2102	Jerry Manhattan Kansas	"	
2-18-70												
0706	W4YPX	X	3.940			3.5	A3j	600			Charles L. Shaffer	WB4CAP
0718	K8PFN	X	7.296			7						
0720	X	K5DAE/8	7.296						0725	Jerry - near Cleveland.		
0735	WB6CCN	X	7.298						0800	Chuck - Fremont.		
0739	X	K7RPA	7.298						0742	Eddy		
0747	X	WA6FNV	7.298	34					0752	Bill - PSE QSL. NOT RIGHT IN BOOK	XX	
0800	X	WA6TLI	7.298						0805	Vern - San Leandro.		
1217	W4YPX	X	3.942			3.5			1224	FPTN		
1620	W2MZR		14.302			14.302	A3j	500	1627		G. F. Chadwick	W4YEGH
1628	CQ	X	14.302			14.302	"	"				
1629	WA3LPM	X	14.302	5-7	5-9+10	14.302	"	"	1645	MIKE Edict.	XX	
1637	X	K8NKG	14.302	5-8		14.302	"	"	1705	LEN PARKMAN Mich		
2/19/70												
0238	WB4JE1/144	X	14.330	5-8	5-8	14.330	"	"	0253	DAVE	German Villaverde	WB4DES
1207	K4QYV.	X	3.940			3.5	A3j	600	1217	FPTN.	Charles L. Shaffer	
1510	WN5VFZ	X	21.237	549C	579	21	A1	1000	1522	Tulsa, Okla - Mark		
1524	WN5UYT	X	21.115	459	459				1546	HOUSTON, TEX. - ERNEST		
1548	WN8FBJ									NR 82 MICH (25)		
1548	WN8FBJ	X	21.115						1552	NR 82 MICH (25)		
2300	K4QYV	X	3.940	5-9	5-9	3.940	A3j	500	2308	GARY MELBOURN	FIRST	J. Tye
2322	W40GX	X	3.95	"	"	3.95	"	"	2340	BILL		
2/20/70												
2424	CQ	K4JOX	14.289	5-7	8+	14.289	A3j	180	2138	Jim Petersburg Va	Stanley Clark	WB4PTN
2146	CQ CLEVE. OHIO	X				14.309	B.	180			(OSY FOUND RD. 286)	
2148	CQ	X				14.310	"	"				
2201	W8JDI	X	14.303	59	59	14.303	A3	600	2220	Hank Cleveland Ohio	Hanked for Cleveland	

DV
7/21
2/21

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		
										NAME	QSLs S	R
1339	YT1ROD	X	28.05	599	599	28.05	A1	1000	1340	W4Y5QJ LARRY MERZ		
1342	ZL1DK	X		599	599		A1	1000	1343			
1348	SK6AB	X		599			A1	1000	1348			
1357	DL6WD	X		599	599		A1	1000	1352			
1353	BV8SW	X		599	599		A1	1000	1353			
1355	65RI	X		589	589		A1	1000	1356			
1358	YT1ROD	X		599			A1	1000	1359			
1400	YU3ET	X		579	599		A1	1000	1401			
1404	UP2KRC	X		579	599		A1	1000	1405			
1406	SK6CF	X		589	599		A1	1000	1406	ARRL CW		
1409	LA0AD	X		599	599		A1	1000	1409	DX		
1410	DL48Q	X		599	599		A1	1000	1410			
1421	4X4YM	X		559	599		A1	1000	1422	CONTEST		
1424	UP2PA	X		579	599		A1		1425			
1427	SM4CNW	X		559	599		A1		1427			
1430	I1GHE	X		599	599		A1		1430			
1438	LZ1KPK	X		539	599		A1		1440			
1450	OH5SE	X		579	599		A1		1451			
1453	YU3AJ	X		599	599		A1		1453			
1458	UK5TAA	X		579	599		A1		1458			
1506	OP01W	X		559	579		A1		1507			
1512	EL2CB	X		599	599		A1		1513			
1515	SM7DVE	X		559	579		A1		1516			
1518	G2RO	X		589	599		A1		1519			
1519	UA3KPD	X		579	599		A1		1530			
1530	OK1KTL	X		589	599		A1		1531			
1559	PA0LOU	X		589	599		A1		1600			
1590	OK2RZ	X		589	599		A1		1610			
1627	SP3DO1	X		559	599		A1		1627			XX

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	QSLs	
											NAME	S
1641	9V3NY	X	28.05	559	599	28.05	A1	1000	1641	WAYSAL LARRY MERER		
1642	0E3PWL	X	28.05	559	599	28.05	A1	1000	1643			
1648	UA2KPR	X	28.05	579	599	28.05	A1	1000	1648			
1652	9Y4AA	X		589	589		A1		1652			
1655	OK1AAV	X		539	589		A1		1655			
1701	OE3RI	X		569	579		A1		1702			
1704	F8TM	X		558	589		A1		1705	ARRL		
1707	DL8CM	X		589	579		A1		1707			
1711	OE3LX	X		589	589		A1		1712	CW		
1714	DL266	X		589	589		A1		1715			
1715	6ZCUE	X		559	579		A1		1716		XX	
1718	PA0SN6	X		569	589		A1		1719	DX		
1719	H62KR	X		559	599		A1		1720			
1725	63HMA	X		559	589		A1		1726	CONTEST		
1738	638HW	X		579	579		A1		1739			
1745	9J2X2	X		539	579		A1		1746			
1748	DJ1XG	X		579	579		A1		1749			
1751	PJ2HT	X		579	599		A1		1752			
1800	63550	X		539	579		A1		1800			
1827	63FXB	X		579	599		A1		1828			
1830	0Z1LO	X		579	599		A1		1831			
1902	DL7LV	X		579	579		A1		1902		XX	
1903	DL3A0	X		589	599		A1		1904			
1907	DL7AA	X		589	589		A1		1908			
1911	62K0	X		549	589		A1		1912			
1916	DJ4ZR	X		579	579		A1		1916			
1918	KZ5KN	X		599	599		A1		1918			
1919	63J4P	X		559	599		A1		1919			
1921	63865	X		579	589		A1		1922		XX	

DATE TIME	STATION CALLED	CALLED BY	HIS FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	QSLs	
											NAME	S
1928	G3APN	X	28.05	568	599	28.05	A1	1000	1928	WAYSQ1 Larry Merat		
1932	G3TJU	X		569	599		A1	1000	1932		XX	
1938	HA8KCC	X		569	589		A1		1939			
1935	KJ6CD	X		589	599		A1		1955	AR/RL CW		
2021	G3KJN	X		569			A1		2021			
2028	LU2DAN	X		579	599		A1		2029	DX CONTEST		
2035	V1SKIK	X		599	599		A1		2035			
2038	PJ2V	X		599	599		A1		2038	31 countries		
2043	KH6RS	X		579	599		A1		2046	wkd today		
2049	LU2DK6	X		569	599		A1		2049			
2100	KH6TJ	X		579	599		A1		2100			
0249	W3K02	X	7.142	579	469	7.142	A1	180	0300	Doc Springs ^{daily} name Stanley Adams ^{W4APN}		
0321	CA	X				14.328	A3	180				
0335	W6FHH	X				14.297	"	"				
0341	W6BQYT	X				14.307	"	"				
2-22-70												
1430	K4BZS	X	7.254	5-9	5-9	7.254	A3	500	1549	Ken Co. Club with WA1EGH		
1859	G3SR	X	21.45	579	579	21.4	A1	180	1900	Robert Legation WA4PWF		
1903	OZ1LO	X	"	"	"	"	"	"	1904			
1904	DI3XK	X	"	599	599	"	"	"	1906			
1909	SP6ASD	X	"	"	"	"	"	"	1911			
1915	DJ5GG	X	"	"	"	"	"	"	1915			
1919	YT2BHI	X	"	"	"	"	"	"	1921			
1921	YT2CBM	X	"	"	"	"	"	"	1923			
1923	DK30Z	X	"	"	"	"	"	"	1928			
1928	Y06GZ	X	"	"	"	"	"	"	1929			
1929	DJ4EC	X	"	"	"	"	"	"	1930			
1937	OK1KTL	X	"	"	"	"	"	"	1938			