

Howland Island Radio Log July 1 through 13, 1937.

The Howland Island Radio Log was kept by the radio operators on Howland during the Earhart search. Frank Cipriani, USCG Radio Man Second Class, was placed on the island with the direction-finding radio set; the resident ham operators, Yau Fai Lum, Henry Lau, and Ah Kin Leong stood radio watches as well. This log was kept by them, probably in hand-written form, and later typed up by Cipriani from the rough logs. The first day is headed 2 July; however, the date was actually 1 July.

A small portion of page four, 6 July 1937, has been restored for readability.



The International Group for Historic Aircraft Recovery
2812 Fawkes Drive • Wilmington, DE 19808 • USA
Voice 302.994.4410 • Fax 302.994.7945 • www.tighar.org • info@tighar.org

RADIO LOG ITASCA

Date 2 JULY 1937, 193

ALL OF THE "TIME" IS COMPUTED ^{ENTRIES} IN ZONE PLUS 10 1/2.

TIME

F CIPRIANI ON HOWLAND ISLAND STANDING BY TO TAKE BEARINGS ON
 3105 KCS ON EARHART PLANE. ASSUMED WATCH AT ---- 2200
 WEAK FONE ON 3105 KCS. UNREADEABLE 2345

3 JULY 1937

WEAK FONE ON 3105 (I AM USING A LONG VERTICAL ANTENNA FOR RECEPTION
 OF SIGNALS ONLY) UNABLE TO GET BEARINGS 0015

ITASCA TESTING WITH NMC ON FONE 3105 0215

ITASCA GIVING WEATHER ON FONE TO KHAQQ BLIND ~~3105~~ 3105 0630

ITASCA GIVING WEATHER ON FONE TO KHAQQ BLIND 3105 0700

ITASCA GIVING WEATHER ON FONE TO KHAQQ BLIND 3105 0715

PICKED UP EARHART (USING LONG ANTENNA, S3, HARDLY ANY CARRIER, SEEMED
 OVERMODULATED, SWITCHED OVER TO LOOP FOR BEARING, S1 TO O. SHE STOPPED
 TRANSMISSION) BEARING NIL 3105 0717

WORKED ITASCA (REQUESTING BEARING ON PLANE) NRUI V NRUI2 R 0725

ITASCA SENDING BLIND TO KHAQQ 0735

(AM USING THE D/F AND RECEIVING SET SPARINGLY DUE TO HEAVY DRAINAGE
 ON BATTERIES) (THE BATTERIES ARE OF LOW AM-HOUR CAPACITY)
 EARHART ON THE AIR, S4, "GIVE ME A BEARING". EARHART DID NOT TEST
 FOR BEARING. HER TRANSMISSION TOO SHORT FOR BEARING, STATIC X5,
 HER CARRIER IS COMPLETELY MODULATED. COULD NOT GET A BEARING DUE
 TO ABOVE REASONS. 3105 0747

ITASCA SENDING "A" TO KHAQQ 3105 0800

ITASCA SENDING "A" TO KHAQQ 3105 0815

ITASCA CALLING KHAQQ ON FONE 3105 0820

ITASCA CALLING KHAQQ ON FONE 3105 0830

KHAQQ KHAQQ DE NRUI NRUI MSG MSG R R AAAAAA ETC 3105 0845

BATTERIES WEAK
 VOICE ON 3105. CAME IN AT END OF TRANSMISSION. 3105 0859

ITASCA CALLING EARHART TO ANSWER ON 500 KCS STEADLY TILL --- 0920

RECEIVED INFORMATION THAT ITASCA BELIEVE EARHART DOWN. LANDING
 PARTY RECALLED BACK TO VESSEL. 0926

ALL BATTERIES ON THE ISLAND ARE DISCHARGED. COMMENCED TO CHARGE
 THEM. 1000

4 JULY 1937

CHARGING BATTERIES ALL DAY

F CIPRIANI RM2C

TRANSCRIPT OF THE LOG KEPT ON HOWLAND ISLAND

HOWLAND ISLAND

RADIO LOG

Date 5 JULY 1937, 193

F CIPRIANI RM2C ON WATCH	ENTRIES	TIME
	MAINTAINING SKED WITH NRUI. (STOPPED BATTERY CHARGE)	
	RECEIVED ORDERS FROM ITASCA TO MAINTAIN WATCH ON 3105 AND OBTAIN BEARING ON KHAQQ. TO OBTAIN THE CHINESE AMATEUR OPERATORS COOPERATION IN MAINTAINING WATCHES. WATCH SET ON 3105 AT WEAK CARRIER ON 3105. NO CALL GIVE. NO CALL GIVEN. UNILATERAL BEARING IMPOSSIBLE DUE TO NIGHT EFFECT. USING SMALL PACKED COMPASS TO DETERMINE RELATIVE DIRECTION. BEARING ONLY APPROXIMATE SSE OR NNW	0001
	CALLING NRUI WITH PP	0035
	NO RESULTS WITH NRUI	0040
	FLASHES SEEN IN SSE DIRECTION . NOT POSITIVE AS TO WHETHER ITS LIGHTNING OR FLARES	0150
	SKED WITH K6INF. NO RESULTS	0157
	CALLING ITASCA WITH P	0200
	STOPPED CALLING NRUI IN ORDER TO BE CONSERVATIVE ON BATTERIES.	0204
	ITASCA ON 3105 GIVING INSTRUCTION TO KHAQQ "GIVE US 4 LONG DASHES IF YOU HEAR US" ETC.	0210
	ITASCA GIVING INSTRUCTION TO PLANE BLIND	0211
	CALLING NRUI WITH P	0220
	NO RESULTS WITH NRUI	0242
	NPM V NAR AR (NEAR 3105)	0255
	CALLING NRUI WITH P	0310
	NO RESULTS WITH NRUI	0312
	CALLING NRUI WITH P	0320
	NO RESULTS WITH NRUI	0400
	RELEIVED BY YAT FAI LUM (K6GNW) ONE TO GO TO NRUI	0410
		0415
	F CIPRIANI RM2C	
	CONTINUOUS CARRIER NEAR 3104 . NO MODULATION	0422
	WEAK MUSIC ON CARRIER	0443
	WEAK CHIRPY CW SIG . UNREADABLE	0447
	CALLING NRUI ON PORTABLE.	0501
	DISTINCT JAPANESE MUSIC ON 3105	0518
	CONTACTED NRUI ON PORTABLE. NRUI V NRUI2 Z NRUI V NRUI2 P GR46 8005 AT 0035 HST OBTAINED BEARING ON A CONTINUOUS WAVE OF UNKNOWN ORIGIN INDICATING SOUTH SOUTH EAST OR NORTH NORTH WEST ON MAGNETIC COMPASS PERIOD UNABLE TO OBTAIN UNILATERAL BEARING DUE TO NIGHT EFFECT PERIOD NO CALL GIVEN PERIOD FREQUENCY IS SLIGHTLY ABOVE 3105 KCS	0400
	NRUI2 V NRUI R/ (SKED MADE FOR 24 MTRS AT 0900 FOR BOTH)	0550
	TWO WEAK UNDISTIGUISHABLE CW STATIONS	0543
	WOY DE FXZ IMI	0558
	WEAK CW STATION. UNREADABLE	0620
	CALLED K6INF ON PORTABLE. NO RESULTS	0700
	RESUMING CHARGE OF BATTERIES. ONE SKED TO KEEP WITH NRUI AT 0900	0715
	YAT FAI LUM (K6GNW)	

RADIO LOG

Date 193

HOWLAND ISLAND

6 JULY 1937

ENTRIES

TIME

Y F LUM (K6GNW ON WATCH) STOPPED BATTERY CHARGE	3105	2015
WEAK CW SIGS		2029
WEAK CW SIGS		2031
WEAK CW SIGS		2035
WORKING K6INF		2056
WORKING SKED WITH HONOLULU		2101
CALLED NRUI ON FL NO RESULTS		2201
WEAK CARRIER		2227
WORKED NRUI ON FL. SENT MSG TO BLACK. SKED EVERY HOUR. NEXT SKED AT 2400		2301
WEAK CARRIER		2335
ROUGH CARRIER NO MODULATION		2337
RELIEVED BY LAU K6GAS	Y F LUM K6GNW	2400
<u>JULY 7, 1937</u>		
TWO LONG DASHES (CARRIER) WITH WEAK VOICE IN BACK GROUND	3105	0055
WORKED NRUI	2670	0115
WEAK CARRIER WITH MODULATION ABOUT R1 TO R2	3105	0150
CALLED NRUI ON PORTABLE. NO RESULTS	2670	0200
WEAK CW SIGS	3105	0215
CALLED NRUI. NO RESULTS	2670	0300
WEAK CW SIGS BBT R3 TO 4 STATIC BAD		0345
WORKED ITASCA2 NO RESULTS		0400
RELIEVED BY AH KIN LEONG K6ODC.		
	K6GAS	
WEAK CW STATION CALLING CQ. QRN BAD(STATIC)		0422
CALLED ITASCA. NO RESULTS		0501
RESUMING BATTERY CHARGES. AH KIN LEONG. K6ODC		0700
STOPPED BATTERY CHARGE AND RESUMED WATCH. Y F LUM K6GNW ON WATCH		231
CALLED NRUI NO RESULTS	2670	2032
WEAK CW SIGS	3105	2040
WEAK RADIOPHONE SIGS. TALK OF EARHART	3105	2048
WORKING K6INF (BAKER ISLAND) TO CK ON EARHART SIGS	24	2107
SKED WITH K6KPF	24	2115
CALLED NRUI ON FL. NO RESULTS	2670	2200
WORKED K6INF BAKER ISLAND	24	2205
WEAK CARRIER	3105	2233
CALLED NRUI NO RESULTS	2670	2305
WEAK CARRIER	3105	2310
CALLED NRUI. NO RESULTS	FL	2400
RELIEVED BY F CIPRIANI RM2C.	Y F LUM K6GNW	2400
<u>8 JULY 1937</u>		
F CIPRIANI RM2C ON WATCH	3105	0000
WEAK JAPANESE STATION	3105	0200
CALLED NRUI. NO RESULTS	FL	0300
CALLED NRUI. NO RESULTS	FL	0327
CALLED NRUI. NO RESULTS	FL	0
RELIEVED BY LAU K6GAS. F CIPRIANI RM2C		
CALLED NRUI. NO RESULTS.	FL	
NO SIGS. RESUMED BATTERY CHARGE	(OVER)	

ENTRIES	TIME
8 JULY 1937	
STOPPED BATTERY CHARGE AND RESUMED WATCH. Y F LUM ON WATCH	2017
WEAK RADIOFONE SIG CARRIER	3105 2042
CALLED K6INF BAKER. NO RESULTS	24 MTRS 2053
WORKED NRUI. NEXT SKED AT 2300	FL 2105
SKED WITH K6KPF HONOLULU	24 2107
CALLED BAKER ISLAND. NO RESULTS	24 2203
WEAK RADIO FONE	3105 2214
CALLED NRUI ON FL. NO RESULTS	FL 2301
WEAK RADIO FONE	3105 2309
CALLED NRUI. NO RESULTS	FL 2339
RELIEVED BY AH KIN LEONG K6ODC	2400
9 JULY 1937	
WORKED NRUI. NEXT SKED 0400	FL 0015
WEAK CW STATION	3105 0315
RELIEVED BY F CIPRIANI RM2C	0400
CALLED NRUI. NO RESULTS	FL 0500
STATIC X3	
NO SIGS. RESUMING BATTERY CHARGE	0700
9 JULY 1937	
Y F LUM K6GNW RESUMING WATCH	3105 2055
WORKED K6INF BAKER. NO NEWS	24 2100
CALLED NRUI. NO RESULTS	FL 2105
SKED WITH K6KPF. HONOLULU	24 2115
CALLED NRUI. NO RESULTS	FL 2200
WEAK CARRIER.	3105 2210
CW SIGS	2222
WEAK CARRIER	3105 2238
CALLED NRUI. NO RESULTS	FL 2302
CALLED NRUI. NO RESULTS	E 2400
RELIEVED BY LAU K6GAS. Y F LUM K6GNW	
10 JULY 1937	
CALLED NRUI	FL 0200
MUSIC FROM JAPANESE STATION ON 3105	3105 0245
RELIEVED BY AH KIN LEONG K6ODC. LAU K6GAS	0400
NO SIGS. RESUMED BATTERY CHARGE	0700
STOPPED BATTERY CHARGE AND RESUMED WATCH. K6GNW Y F LUM ON WATCH	2050
WORKED K6INF BAKER	2101
WORKED NRUI. NEXT SKED AT 0100	FL 2105
SKED WITH HONOLULU K6KPF	24 2118
WORKED K6INF BAKER	FL 2203
WEAK CARRIER	3105 2227
RELIEVED BY LAU K6GAS. Y F LUM K6GNW	2400

RADIO LOG 11 JULY 1937, HOWLAND ISLAND

Date 11 JULY 1937, 193

ENTRIES		TIME
LAU K6GAS ON WATCH	3105	0000
WEAK CW CARRIER	3105	0030
WORKED NRUI	FL	0115
WEAK CW CARRIER	3105	0215
RELIEVED BY F CIPRIANI RM2C		0400
NO SIGS. RESUMED BATTERY CHARGE		0700
STOPPED BATTERY CHARGE AND RESUMED WATCH. K6GNW ON WATCH		2100
SKED WITH K6KPF HONOLULU. RECD MSGS FOR MR BLACK AND MR COOPER		2111
WORKED NRUI. NEXT SKED AT 0000	FL	2115
CALLED K6KPF HONOLULU. NO RESULTS	24	2230
WEAK CARRIER		2349
RELIEVED BY F CIPRIANI RM2C. Y F LUM K6GNW		2400
12 JULY 1937		
CALLED NRUI. NO RESULTS	F L	0200
WEAK CW CARRIER FROM JAP STATION	3105	0330
RELIEVED BY LEONG K6ODC. CLEAR. F CIPRIANI RM2C		0400
WEAK CW SIGS (CARRIER)		0515
CALLED NRUI. NO RESULTS	F L	0600
RESUMED BATTERY CHARGE AH KIN LEONG K6ODC		0700
STOPPED BATTERY CHARGE AND RESUMED WATCH. K6GNW F LUM ON WATCH		2100
CALLED NRUI. NO RESULTS	FL	2103
WORKED BAKER ISLAND	FL	2305
SKED WITH HONOLULU K6KPF	24 MTRS	2109
RELIEVED BY LAU K6GAS. YAT FAI LUM K6GNW		2400
13 JULY 1937		
CALLED NRUI. NO RESULTS		0015
WEAK CARRIER	3105	0030
CALLED NRUI. NO RESULTS	FL	0100
CALLED NRUI. NO RESULTS	FL	0315
CALLED NRUI. NO RESULTS	FL	0405
RELIEVED BY AH KIN LEONG K6ODC. LAU K6GAS		0405
CALLED NRUI. NO RESULTS	FL	0500
RESUMED BATTERY CHARGE		0700
STOPPED BATTERY CHARGE. K6GNW ON WATCH	3105	2030
COMMUNICATED WITH NRUI. WAS TOLD TO STOP WATCH ON 3105.		
	YAT FAI LUM K6GNW	2130