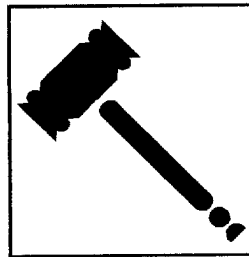


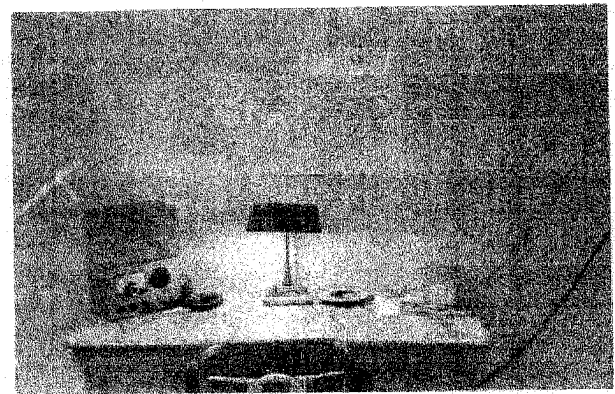
MEETING NOTICE:

The regular meeting of the **London Bridge Amateur Radio Association** will be held on **January 22, 2004** at **7:00 PM** in the **Community Room** at the **Mohave County Library, 1770 McCulloch Blvd.** in the **KMART Shopping Plaza**. All members are encouraged to attend and bring a guest.



The monthly meeting of the **London Bridge Amateur Radio Association Board of Directors** will be held on **Tuesday, January 13, 2004** in the **Board Room** of the **above library**. This is a open meeting and all members are encouraged to attend.

Lets all make an effort to attend this first meeting of 2004 and greet our new slate of officers. They are giving of their time and I am sure they would like to have all of us there giving them our support. We also wish to thank the officers of 2003 for a job well done. **A tip of the hat to all of you.**



W7IRC's FIRST STATION:

The above station consisted of a 2 Meter crystal controlled transmitter and power supply in the upper case and the super heterodyne receiver in the lower case. It had a 6CL6 final tube and had an output of 1/4 watt of AM. The plans were published in the QST magazine in the late 1950's. The Elgin Amateur Radio Society (EARS) in Elgin, Illinois built several of these as a club project. I worked 8 states from my QTH in the Chicago suburb of Palatine, IL using the Clubsaver and two 8/8 beams on a 14 Ft. boom. For all you QRP operators, this was what you could call a real QRP rig. I hope the above article will induce others to **SEE: W7IRC Page 4**



PRESIDENTS

WAVELENGTH:

Bruce Hunt, N6BRH

Nothing received.

OFFICERS

President	Bruce Hunt, N6BRH		453-1946
Vice President	Jerry France, K7LY	wk	855-3081
		hm	855-7941
Secretary	Anita Hansen, KG7LA		505-3655
Treasurer	Bill Carrao, KC7ATG		855-5143

DIRECTORS

Director (1 yr)	Lyle Ross, W6TPT	680-0839
Director (1 yr)	Leona Shaver, KD7FKT	680-0485
Director (1 yr)	Chuck Wittmaack WXOR	855-6155
Director (2 yr)	Zola Hamm KJ7KO	453-7567
Director (2 yr)	Vern McGlynn, W3DLY	680-0551
Sgt, At Arms	John Hunter, KK7CK	453-2803

STANDING COMMITTEES

Activities/Social	Leona Shaver, KD7FKT	680-0485
ARES Coordinator/		
Community Events	Bruce Hunt, N6BRH	453-1946
Editor "Static"	Cliff Baril, W7IRC	1-928-692-7332
Emergency Trailer	Victor Lopez, KC7QEK	453-1069
Membership	Anita Hansen, KG7LA	505-3655
Net Control	Clayton Swensen, KC7VGE	855-3085
Repeater Trustee	Mike Burson, KB7YKY	855-7125
VE Coordinator	Ed Gillespi, AB7EM	855-7412



JERRY FRANCE, AAI, ChFC, LUTCF, CIC

SENIOR VICE PRESIDENT
FINANCIAL SERVICES DIVISION

francej@ajsinsurance.com
www.ajsinsurance.com

2250 McCulloch Blvd.
Lake Havasu City, AZ 86403
Bus. (928) 855-3081 Ext. 2400
Fax (928) 855-8609

Toll Free 1-800-528-9106 Ext. 2400



COMMENTS ABOUT AMATEUR RADIO:

WHAT DOES AMATEUR RADIO MEAN TO US?

1. It gives us a unique name via our call signs. It identifies each amateur as having a basic proficiency in a very technical hobby.
2. We have a proud heritage to honor and protect for those to come after us. We must grow on the works of those who have gone before us. We welcome the challenge of new technologies as ways to grow and strengthen our hobby.
3. It fulfills our human nature and passion for communicating with one another.
4. We are the driving force in the development of new communications technology and equipment.

Remember that at one time, Amateur Radio was pursued as a challenge to see how far a communication could be made. It was always a chancy one on one activity. The reward was in the pursuit of the technology and perhaps to some extent a means of avoiding long distance phone charges. Today with cell phones, anyone can talk to another person from anywhere to anywhere by pushing a few buttons. So, who needs Amateur Radio? Similarly. A few key strokes on a key board can connect you to anyone in the world having similar equipment. So, who needs Amateur Radio? For these reasons, being an Amateur Radio operator is no big deal if the need is only a simple "in touch now" communication. Technology available to the world has filled that need.

So what can we do to excite the passions of the present and next generations for what Amateur Radio can bring in the way of an exiting hobby?

What will be the incentive for younger people to want to become Amateur Radio operators?

TOUGH QUESTIONS- It is imperative that we develop some answers if Amateur Radio is to survive.

WHY DO WE NEED AN AMATEUR RADIO CLUB?

1. WE ARE TIED TOGETHER BY OUR PASSION FOR THE HOBBY, THE SOCIAL FELLOWSHIP, THE SHARING OF TECHNOLOGY AND THE ABILITY TO PROVIDE RESOURCES FOR USE BY THE ENTIRE AMATEUR RADIO COMMUNITY.
2. WE ALL SHARE KNOWLEDGE OF AT LEAST THE BASIC PRINCIPLES OF OUR HOBBY AND WE SPEAK A UNIQUE LANGUAGE OF THE TECHNOLOGY. **SEE: Ham Radio Page 4**



HAM RADIO:

- 3. WE VOLUNTARILY PROVIDE COMMUNITY SERVICE WHICH WOULD NOT BE PROVIDED OTHERWISE. OUR CLUB IS OUTSTANDING IN THIS REGARD.
- 4. WE HAVE A CLOSE RELATIONSHIP TO THE LOCAL SERVICES, FIRE, POLICE, SHERIF AND WITH SPONSORS OF LOCAL EVENT ACTIVITIES.
- 5. WE SPONSOR SCHOLARSHIP, PROVIDE AMATEUR RADIO BOOKS TO THE LIBRARY AND WE ARE AVAILABLE FOR TEACHING OR DEMONSTRATIONS WHEN ASKED.
- 6. WE PROVIDE TRAINING, INSTRUCTION AND TESTING AT ALL LEVELS OF AMATEUR RADIO OPERATING LICENSES.
- 7. WE PARTICIPATE IN SPECIAL ACTIVITIES SUCH AS FIELD DAY AND SUPPORT LOCAL AND REGIONAL HAMFESTS.

THE PEOPLE, YOUR CLUB OFFICERS, PROVIDE THE NUCLEUS OF A TEAM WHICH STRIVES TO SUPPORT ALL THESE EFFORTS. THEY SERVE VOLUNTARILY AT THE CONVENIENCE AND CONCURRENCE OF THE MEMBERSHIP. THE RULES AND BY-LAWS ARE DESIGNED TO KEEP YOUR CLUB FOCUSED ON AMATEUR RADIO. IT'S PROMOTION, GROWTH AND GOOD NAME. IT IS IMPORTANT-NO, IT IS ESSENTIAL, THAT THEY HAVE YOUR SUPPORT.

WHEN ASKED TO CONSIDER TAKING AN OFFICE IN THE CLUB, CONSIDER IT A PRIVILEGE TO SERVE AND ACCEPT THE CHALLENGE. THESE POSITIONS ARE DEMANDING AND AT TIMES TIME CONSUMING. BUT ALSO REWARDING IN THAT YOUR HOBBY OF AMATEUR RADIO AS WELL AS THE ENTIRE MEMBERSHIP IS WELL SERVED AND PRESERVED FOR THE FUTURE.

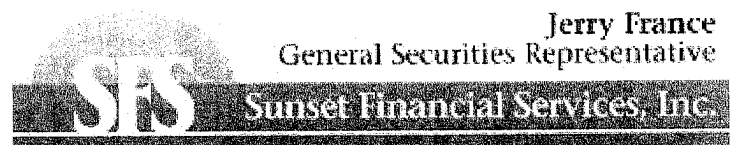
THANK YOU,

L. ROSS, W6TPT

W7IRC:

submit pictures and stories about their Amateur Radio experiences or other accomplishments. I am sure we would all like to hear about them. So don't be bashful, share them with us.

Cliff



Jerry France
General Securities Representative

Member NASD, SIPC

Home Office
3520 Broadway
Kansas City, Missouri 64111
816-753-7000

2250 McCulloch Blvd
Lake Havasu City AZ 86403
Office: 928-855-3081
FAX: 928-855-8609

A wholly-owned subsidiary of Kansas City Life Insurance Company

MINUTES:

**LONDON BRIDGE AMATEUR RADIO ASSOCIATION, INC.
DECEMBER 17, 2003**

President France called the meeting to order at 7:00 p.m. with 19 members present. One guest, Ted Taft, was welcomed.

Voting Ballots 2004 - Ballots were passed out to each member to vote for the Slate of Officers 2004.

The Treasurer's Report was read and approved.

The Secretary's Report was read and approved.

President France announced that Zola Hamm was acting Treasurer and would collect any Dues if people want to pay at this time.

OLD BUSINESS

Site Six Inventory - Dick Jernigan, Don Sgro and Vern Keith did the inventory. President France asked for discussions as to what to do with these items. Dick said there is one very good beam that should go in the trailer. The one in the trailer should be trashed. Chuck Wittmaack made a motion to form a Committee to be in charge of making decisions as what to do with each item. The Committee will then report to the Board for approval. This would eliminate any confusion whatsoever. The motion was seconded and approved. Dick Jernigan said he would run the Committee with help, Jerry France and Lyle Ross volunteered.

Net - More people are checking in which is a big plus. Bruce Hunt said that in the future they were going to take turns being Net Control they are; Clayton Swenson, Glenn Stockard, Vern Keith, and Bruce Hunt. Jerry France said he would also like to participate.

Lyle Ross read a very interesting paper that he has written on "Why are we Hams; Why are we Amateur Radio Operators; and Why do we have a Club?"

The Slate of Officers for 2004 is as follows:

Bruce Hunt, President	928/453-1946
Jerry France, Vice President	928/855-3081
Bill Corrao, Treasurer	958/855-5143
Anita Hansen, Secretary	928/505-3655
Dick Jernigan, Director	928/855-0670
Mike Burson, Director	928/855-7125
Don Prouse, Director	928/855-4188
Vern McGlynn, Director	928/855-0511
John Hunter, Sgt. at Arms	928/453-1946 Corrected to read (928)453-2803(ed)

The meeting was adjourned at 8:10 p.m.

Respectfully Submitted,

Anita Hansen



ARLB001 W1AW 2004: Winter Operating Schedule

Morning Schedule:

<u>Time</u>	<u>Mode</u>	<u>Days</u>
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 " "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	RTTY	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 " "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	RTTY	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 " "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
 1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)
 (Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Frequencies (MHz)

CW: 1.8175 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
 RTTY: 3.625 7.095 14.095 18.1025 21.095 28.095 147.555
 VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur license or a photocopy.

The W1AW Operating Schedule may also be found on page 94 in the January 2004 issue of QST or on the web at, <http://www.arrl.org/w1aw.html>.

London Bridge Amateur Radio Association, Inc.
 Lake Havasu City, Arizona

February 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat																																																																								
1	2	3	4 HARC Meeting 7:00 PM Kingman AZ	5	6	7																																																																								
8	9	10	11	12	13	14																																																																								
15	16	17	18	19 LBARA Meeting 7:00 PM Lake Havasu City, Arizona	20	21																																																																								
22	23 WARC Meeting 7:30 PM Bullhead City Arizona	24	25	26	27	28																																																																								
29																																																																														
					January <table border="1"> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table>				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			March <table border="1"> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
			1	2	3																																																																									
4	5	6	7	8	9																																																																									
10	11	12	13	14	15																																																																									
16	17	18	19	20	21																																																																									
22	23	24	25	26	27																																																																									
28	29	30	31																																																																											
	1	2	3	4	5																																																																									
6	7	8	9	10	11																																																																									
12	13	14	15	16	17																																																																									
18	19	20	21	22	23																																																																									
24	25	26	27	28	29																																																																									
30	31																																																																													

*LBARA INC.
P.O. BOX 984
LAKE HAVASU CITY
ARIZONA 86405-2984*



February 2004



LBARA MEETINGS are held on the published dates, except the months of June, July, and August, at the Community Room of the Mohave County Library, 1770 McCulloch Blvd. in the KMART shopping plaza. The meeting begins at 7:00 p.m. Visitors are always welcome to all club functions!

V.E. EXAMS are normally offered monthly during May, June, July, and August and semi-monthly during the remainder of the year when required. Exams are also available on an appointment basis. For more information, Call Ed Gillespie at (520) 453-7412.

The **LBARA REPEATER (K7LHS)** on 146.61 (-600, with a PL-131.8), is an open repeater sponsored by the club.

THE LBARA NET meets each Monday night, at 7:00 p.m. on the LBARA repeater. Net-Control is rotated among volunteers. The **NEWSLINE** may be broadcast at

this time.

THE BOARD OF DIRECTORS meets on the published dates except the months of June, July and August. Exact time and place of meetings is designated by the Board. Members are welcome to attend board meetings.

LBARA LUNCHEONS are held each Thursday throughout the year at the Eagles located at 1516 Marlboro Drive. Lunch starts at 11:30 AM. Visitors and anyone interested in learning more about Amateur Radio are welcome and encouraged to attend.

COFFEE KLATCHES are held at various places throughout the city so monitor the repeater for time and place.

THE LBARA "STATIC" is the official newsletter of the **LONDON BRIDGE AMATEUR RADIO ASSOCIATION INC.** It is published monthly except June and July. "STATIC" articles (with

the exception of copyrighted material) may be reprinted as long as credit is given to the "STATIC" and individual author(s). Submission of material is invited from LBARA members and other interested parties. Publication deadline is the first Wednesday of the month. Material for publication may be submitted directly to the Editor:

Jerry France, K7LY
2001 Casper Dr.
Lake Havasu City, AZ 86406
Ph: (928) 855-7941
Email: grf@uneedspeed.net

LBARA Web Site:
www.lbara.net