



Big Island Amateur Radio Club Newsletter – February 2010

President's Message

Wonderful, Wonderful, Wonderful! That's what band leader Lawrence Welk used to say when his band did a good number. Well that's what I say after our club members did a great job with just under a dozen kids on ARRL's Kid's Day. A special "thank you" goes out to Lloyd Cabral (KH6LC) who opened up his impressive radio shack to kids and club members to make HF radio contacts to kids on the mainland. Lloyd had two HF radios operating and was able to kick up the transmitted signals to about 1,000 watts RF PEP so the kids had a better signal than some modern day cell phone connections. It was a great day for the kids. (See the attached article on Kids Day)

By the time this February newsletter gets to print a survey of the clubs VHF/UHF repeater sites should have been conducted by club members Bob Schneider (AH6J), Lloyd Cabral (KH6LC), and Paul Ducasse (WH7BR). The purpose of the surveys were to get serial numbers, get photographs, and generally document the condition of all of our equipment at the Kulani Cone, Mauna Loa, Pepekeo, and Naalehu repeater sites. When I joined the club a few years ago all of these repeaters were stand-alone repeaters. Since that time due to the hard work of a number of hams around the Island all of these repeaters and other repeaters have been linked together to form the BIWARN repeater system. Today, with the glaring exception of Ocean View, you can travel around the

Island and talk to fellow hams on the entire Island of Hawaii. Using the BIWARN link repeater on Haleakula, Maui you can talk to hams on Maui, Lanai, and at times to hams in Honolulu. It's a great system but it needs constant upkeep and repair. Thanks to all the hams who donate their time and effort to keep the BIWARN repeater system going. I am really glad to hear the dozens of hams who use the system daily and even those hams who don't make contact but call out with their call sign saying, "mobile and listening".

In mid January the disastrous 7.0 earthquake occurred in Haiti killing tens of thousands of Haitians and injuring tens of thousands as well. Similar to our 6.9 earthquake of October 2005 the basics of modern day life were impacted on many parts of the Island. In Kona and elsewhere the phone system was down, there was no electricity, no cellphones, no ATMs, etc. Unlike the Haitian earthquake, there was no loss of life, and there were very few injuries. Ham radio in Hawaii played a pivotal role during the Hawaiian earthquake as within minutes ham operators in Hawaii were able to communicate the size and location of the earthquake and the areas around the Island which had suffered damage and outages. Hams in Kona were the first to communicate that the Kona hospital had suffered structural damage and they were evacuating the hospital. So even if the sum total of your ham experience is as a technician with only a hand held (HT) radio you could be that important communications link during the next disaster. Keep your batteries charged and your radio gear ready as you never know when you may need it. As a reminder, the ARES emergency radio net meets every Saturday night at 7:00 p.m. on the BIWARN linked radio repeater system. You are all invited to check-in during the net.

On Friday February 19th, a few members of the BIARC club, including myself, will be assisting Tiara Mills (WH7DJ) in putting on a demonstration of emergency communications for Keaau Elementary School. Tiara is attending Keaau High School and is helping in coordinating the emergency preparedness training for the elementary school as one of her high school class projects. Ideally she would like to have a few hams demonstrating the ham radio gear as well as making some HF and VHF contacts with other BIARC hams at home. It would be nice to demonstrate

some phone, CW, IRLP, and PSK-31 contacts. If you would like to participate either at the school or at home please contact Paul Ducasse (WH7BR).

This month's newsletter should include a copy of our clubs existing by-laws. The last time our by-laws were revised was in 1996 almost 15 years ago. Billions and googles of RF electrons have flowed since then (hi-hi). As best as I can tell, the clubs by-laws need a few tweaks to get them up to date. If you get the chance and have the interest, please review the by-laws and if you have any positive suggestions please forward them to club president Paul Ducasse.

February is the shortest month of the year so double your ham radio efforts so that you get the maximum enjoyment of ham radio this month. February is also Valentines Day month. So at this months BIARC meeting Saturday February 13th at 2:00 p.m. we will have a Valentines "Ice Cream Social". Looking forward to seeing you all there!

Paul Ducasse
BIARC President (2010)



Nathan operates at KH6LC while dad Paul WH7BR looks on

Big Island Amateur Radio Club

P.O. Box 1938
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www.biarc.net

Officers

President	Paul Ducasse WH7BR	985-9222
Vice President	Tom Thornton AH6ZZ	754-7412
Treasurer	Curt Knight AH6RE	966-8304
Secretary	David Broyles KH7SO	854-0362

One Year Directors

Beau Mills NH7WV	968-1271
Richard Fetchen KH6WE	982-7426
Kile Golden WH7FB	982-6782
Elizabeth Yoes WH7CU	965-5429
Chuck Epperson AH6SC	966-4698

Two Year Directors

Richard Darling AH7G	982-9126
Ron Phillips AH6HN	982-6513
Rick Frazier AH7H	985-9169
Bob Schneider AH6J	966-8146
Lloyd Cabral KH6LC	966-7782
Peter Yoes KH7HI	965-5429

Standing Committees

Service/Awards	Ron Phillips	AH6HN
Education	Harvey Motomura	AH6JA
Emergency Coord.	Vacant	
Equipment	Vacant	
Health&Welfare	Barbara Darling	NH7FY
Hospitality	Kile Golden	WH7FB
Newsletter	Curt Knight	AH6RE
Programs	Tom Thornton	AH6ZZ
Repeater	Ron Phillips	AH6HN
Webmaster	Curt Knight	AH6RE

Special Committees

Christmas Party	Committee	
Improvement	Ron Phillips	AH6HN
Field Day	Peter Yoes	KH7HI
Hamfest	Bob Schneider	AH6J
co-chair	John Buck	KH7T
QSL Bureau	Barbara Darling	NH7FY

Meetings and Get-Togethers

Membership meetings – Second Saturday of each month at 2PM at the Kea'au Community Center

Board Meetings – will be held every other month 1 hour prior to the general membership meeting at the same location as the general meeting (January, March, May, July, September, November).

Friday Lunches – A group meets for lunch every Friday at 11:30 at Hokulani's Steak House in the mall at Kea'au near the Post Office.

East Hawai'i Net

The East Hawai'i Net meets on Monday, Wednesday, and Friday mornings at 8AM HST on the 146.76 MHz repeater.

BIWARN accessible Repeaters

Repeaters in bold font are BIWARN/MCDA linked. When operating over a link, remember to leave extra time each transmission for the link to be established. Number in parentheses is the tone access frequency.

145.29-	HOVE-Ka'u WH6FC (100)
146.66-	HOVE (100)
146.68-	Kea'au limited area KH6EJ
146.76-	Kulani KH6EJ
146.82-	Mauna Loa ARES KH6EJ
146.88-	Pepeekeo KH6EJ (may be linked)
146.92-	Ka'u PD KH6EJ
146.94-	Haleakala Maui KH6RS (110.9)
147.02+	Haleakala Maui RACES AH6JA
147.04+	Mauna Loa RACES AH6JA
147.16+	Kona (Hualalai) WH6DEW
147.32+	Waimea Hospital NH7HI (100)
147.38+	Waimea East KH7T experimental
442.35+	Kaanapali Maui (136.5)
442.5+	Kea'au KH6EJ
443.65+	Ocean View Hub
444.225+	Haleakala Maui KH6RS (110.9)
444.45+	Parker Ranch KH6EJ (88.5)

BIARC Minutes for January 9, 2010

The General membership meeting was called to order by President Paul Ducasse, WH7BR, at 14:12W. There was a time of introductions and the sign in sheet was passed around. Bob Schneider, AH6J, took notes because the secretary could not attend. John Buck, KH7T, announced the Maui link would be down for changes in the near future. Barbara Darling, NH7FY, said a new shipment of QSL cards just arrived. Ron Phillips, AH6HN, announced that anyone wanting to test should contact him as the club expects to have a testing session later this month. Dues for 2010 are now due. The introduction part of the meeting was closed at 14:20W and the program on Antenna Analyzers was given by Tom Thornton, AH6ZZ. The program concluded and after a break the meeting was restarted again at 15:15W.

- (1) The treasurers report was given by Curt Knight, AH6RE. We have \$1,664.49 in the checking account as of today. We now have 21 members that have paid dues for 2010. Several more are expected to pay up later today. Last year's budget was set at \$2085 and last year's membership paid was \$2000 with over 100 members. These numbers are a very close estimate due to the different types of members. This year's 2010 budget is proposed to be \$2,200. Bob Schneider, AH6J made a motion to accept the budget as proposed, it was seconded by Chuck Epperson, AH6SC, and unanimously passed.
- (2) The repeater report was given by Ron Phillips, AH6HN. Mauna Loa 146.82 MHz has intermittent transmit. A member said he was close to the facility and could hear the Tx so our best guess is we have an antenna problem. Paul reported he received an answer to his letter asking for access to the tower area at Naalehu Police station. It was denied.
- (3) The New Officers for 2010 need to be updated on the web site. Ron, AH6HN, said he will update the membership list in March as the membership is constantly changing as people are now paying their dues.
- (4) Health and Welfare chairperson Barbara Darling, NH7FY, reported on the status of Kile Golden, WH7FB, who is in the VA Home and improving daily. She also reported on Gloria Whiteley in Life Care and Annette Miller in the VA

Home. Both are doing well and would like visitors.

- (5) Curt Knight, AH6RE, said the deadline for articles for the newsletter remains the 20th of the month. He requested more articles especially autobiographies.
- (6) Lloyd Cabral, KH6LC, reported on kid's day. He had 10 kids and 150 contacts.
- (7) Chuck AH6SC reported on the USS Missouri move from dry dock to its permanent location near the Arizona Memorial. Chuck said about 900 people were on board.
- (8) Barbara reported processing 35,534 cards last year for a grand total of 53,974 since she became Hawaii QSL manager.
- (9) Dues are now due. State Law requires we have a current membership form filled out for each member. To be safe fill out another membership application with the \$20 dues.
- 10 Ron Phillips is chair of the awards committee. He reports they have not met in a long time.
- 11 Each member of the Board of Directors was given a working copy of the bylaws with orders to study it and make suggestions. The board will discuss it in March during the bi-monthly board meeting.
- 12 Lloyd is head of the inventory committee. Lloyd KH6LC, Paul WH7BR and Bob AH6J expect to tour the repeater sites and get the information in the near future.
- 13 Tiara Mills, WH7DJ, requests the club assist in putting on an emergency preparedness course at Keaau High School.
- 14 Next month's program is not set yet.
- 15 Paul Agamata, W6TUS, reported he has two personal repeaters on the air. One is 444.9+ with a 100Hz tone and the other is 444.725+ with a 123 Hz tone.
- 16 Meeting adjourned at 15:50W.

Respectfully submitted, Bob Schneider, AH6J





BIARC Biographies - KO4RR & N4WV

Joe & Victoria Owen

This is the funny story of how I got into ham radio or maybe how I was told to get into ham radio.

Back about 1961 my brother Steve WB4HXG (SK) another friend and I were into CB radio (I was KDD something and then was given KBM6218 when I renewed the license. I was 14 or 15 at the time and my brother was 17. My brother and his friend were the ones that had the electrical sense to build radios and circuits. I was still trying to find a girl that would talk to me but they were the older kids and they let me hold things while they did the soldering. We had put together a amplifier for 11 meters. We also made a small yagi out of copper pipe and we put it on some galvanized pipe. We put a T in the middle of the 2 pipes and the T was close to the roof out side our room. We could turn the antenna with the T and a short piece of pipe. I guess you could call that an Armstrong rotator.

About this time my Father bought a Magnavox Table Radio which was the 1st radio he had that could run on electricity. The other

radios used batteries. We could listen to WSB in Atlanta, GA.

To make a long story short, Mr. Cline from the FCC Powder Springs monitoring station came to our house one evening and wanted my Father to show him the radio. My Father took Mr. Cline to the living room and showed him the "new Magnavox" radio. Mr. Cline said "No sir Mr. Owen I want to see the radio you talk on". Our Father told us kids we had better get in there right now. We were almost too scared to talk.

Mr. Cline was talking \$1000 a day fines and my brother and I were getting really scared as we knew the family did not have that much money.

Our radios were in the bedroom on the 2nd floor and on a bench in front of the windows so we could look and see where the antenna was pointing. Sitting in a neat row was an old "White Face" Johnson radio (5 channels) and the brand new amplifier. Mr. Cline asked how it got out. We stammered " pretty good". He asked how many watts it put out. We choked and said about 100. He then asked how many watts we could have on 11 Meters. We said "5 watts into the final".

Meanwhile my Father had pulled the plugs out of the wall and proceeded to cut the plugs off the radios and made the statement that if we learned to operate the radios like we were supposed to he would allow us to use them again.

Mr. Cline said to my Father , "looks like you have things in hand". He told us boys if we had the ability to build and operate radio equipment then we needed to become ham radio operators.

We did get a "Pink Slip" from Mr. Cline and the FCC. We never got on again.

When I was drafted into the Army 6-7 years later the equipment was still lined up on the bench and never used again. My brother Steve became a ham in 1968 and I got my Novice in 1978 as KA4NKT.

Now for the rest of the story:

Victoria N4WV and I met in Honolulu at Tripler Medical Center in 1981 in a drug bust. The Army had the drug dogs come in the barracks and I was the person in charge of all the people. Victoria was the only female Sergeant so she was put in charge of the

female soldiers. That started a romance that has us still holding hands.

Back to Radio:

I took my 13 WPM code test 3-4 times at the FCC in downtown Honolulu.. At that time you usually took code and then the written. I was trying for General. One day I passed the 13 word code and got my temporary slip for General. Since I was leaving and did not want a KH6 call I used my brother's address to send the license to.

I was leaving Hawaii in less than 2 month so I operated for about 6 weeks, packed my gear and sent it back to Georgia. My brother knew what the license looked like so he just put it up and never opened it.

We spent 55 days driving across the USA from California to West Virginia and then to Florida. When I got to Georgia (Ft. Benning) with my new bride Victoria, we had had 2 weddings in about 2 months and had driven over 7000 miles. We got married at the Court house in Honolulu and again in West Virginia where Victoria is from.

By the time I got around to opening my license, if I had had false teeth they would have fallen out. My license read TECHNICIAN. I wrote the FCC and they said Honolulu FCC said that I had not taken the code. I think they mixed me up with another person that had been to every test session I had been to. Honolulu FCC just said they had no record of me taking or passing 13 WPM code ever. Oh well, that ended my General for a few years.

In the mean time Victoria and I had moved to our new house in the country. It was 30 miles from town and very few houses on the road, if a problem occurred on the way home from work. Cell phones were more of a novelty than the communication devices they are now. No cell coverage for the last 15 miles or so to the house. Victoria could see that 2 meters would cover the trip so she started to study and got her Novice and a month later her Tech. This was about 1985 (her call was KC4AQE).

I started to study and got my code speed up and got my General and started to work some HF. I was hooked onto DX. I started to study for Advanced and Victoria was working on her code to become a General. We went to a test session and I was taking the

Advanced and she passed her 13 WPM code. I told her to take 20 wpm and see how she did. She passed. Meanwhile I had stopped taking my 50 question test at #42 went back and changed answers to make sure I would not pass. We would take the Advanced test together and get consecutive calls. The next month was study, study and some more study. We passed with out any problem. I was given the call KO4RR and Victoria was KO4RM.

Then came the real challenge. She had passed 20 WPM and I had not. We had a year for me to get my 20 WPM. We put a lot of time with code tapes and an oscillator the next

6-8 months before I finally got 20 WPM. I am sure glad that I did not have to go to Atlanta to the FCC to take my test as it was 125 miles there and 125 back.

I was into DXing and collecting QSL cards. Got my DXCC and am now at about 318. Victoria has some rare ones and not many easy ones. She says when she retires she will work more on DXing. She has DXCC and about 175 total.

In 1998 I was invited to go to E30GA-Eritria and that started a whole new outlet for me, DXing as DXpeditioner!!

I operated from the following DXCC countries:

Eritrea, San Felix, Western Sahara, St. Paul Island (Canada), Christmas Island T32, Palmyra Island and Germany.

Victoria and I have operated from the following DXCC countries: 1A0KM, Sovereign Military Order of Malta located in Rome- Italy, China, Spain. Canada, Alaska; Hawaii and Italy. Victoria was the 1st American female to operate from Sovereign Military Order of Malta (SMOM- 1A).

Victoria wanted to get a new call when the FCC started the vanity calls. She wanted something with WV in it as she is from West Virginia so she put in for N4WV (NUTS 4 WEST VIRGINIA). That call had been assigned to an Advanced class operator. The last time it was renewed was in the 1970's. By the 1978 or 1979 call book it had dropped out. I looked for a 1 X 2 but nothing I liked was available so I kept my KO4RR call.

We came to the Big Island the 1st time in 1981 to see the Volcano and made about 5 trips over here over the next 2 years. We

started to come back a couple years back when we renewed our
vows (25th) on the beach at sunset on the Kona side (A Beach)
73 & 88,
Joe & Victoria
KO4RR & N4WV



Matt WH7XM on Kids Day



BIARC By-Laws

The next three pages contain the most recent revision of the By-Laws. The By-Laws are also available on the BIARC web site.

REVISED BYLAWS
OF
BIG ISLAND AMATEUR RADIO CLUB
(A Hawaii Non-Profit Corporation)

The following bylaws of BIARC, a non-profit corporation, have been revised on _____, 1996 to read as follows:

ARTICLE I
MEMBERSHIP VOTE AND DUES

SECTION 1. A member is considered to be in good standing when the current years dues are fully paid. There shall be two (2) types of membership. Full and Associate.

a. A full membership is a person holding a valid amateur radio license. A licensee may be awarded an "honorary" membership at the discretion of the board of directors and upon approval of the membership. ~~New licensees living on the Island of Hawaii will receive free full membership for the current year.~~

b. Associate Member is an unlicensed person interested in Amateur Radio.

SECTION 2. All full memberships shall have the right to vote at meeting of the membership, and to hold office. Each full membership shall have one (1) vote. Associate memberships enjoy all privileges except the right to vote or hold office.

SECTION 3. A member may be expelled for cause upon two-thirds (2/3) majority vote of those members in attendance at any regular meeting of the membership, provided written notice of such meeting specified that such action is to be considered, and provided that an opportunity for a fair and impartial hearing before a special committee of the membership has been afforded.

SECTION 4. The annual dues shall be set by the membership at the annual meeting in November.

SECTION 5. In order to vote on any BIARC business, dues and membership applications must be submitted one (1) month prior to the next regular meeting. Membership in BIARC will automatically terminate when dues have become delinquent after thirty (30) days.

ARTICLE II
BOARD OF DIRECTORS

SECTION 1. (a) The Board of Directors shall consist of a minimum of seven (7) persons, including the four officers. The directors who are not also officers shall be elected by the membership in attendance at the November meeting, and shall not serve more than two (2) consecutive two (2) year terms.

(b) Removal of Officers or Directors. Any officer, directors or agent elected or appointed may be removed by the person(s) authorized to elect or appoint the officer, director or agent whenever, in their judgment, the best interests of the corporation will be served thereby. The removal of an officer, director or agent shall be without prejudice to the contract rights, if any, of the officer, director or agent so removed. Election or appointment of an officer, director or agent shall of itself create contract rights.

SECTION 2. Powers of the Board of Directors. The Board of Directors shall have full power and authority over the affairs of the corporation as specified below:

(a) To make and change policies, rules and regulations not in conflict with the law or the Articles of Incorporation or with these bylaws for the management of the corporation's business or affairs. The Board of Directors shall bring to the General Membership for approval, all major decisions, monetary and policy, that affect the general membership as a whole.

(b) By resolution to confer upon an officer of the corporation the power to appoint or remove officers, directors or agents.

(c) To delegate any of the powers of the Board of Directors in the course of current business of the corporation to any standing or special committees of the corporation, with such powers (including the power to sub-delegate) and upon such terms as it sees fit.

SECTION 3. It shall be the duty of the Board of Directors:

(a) To attend all regular and special meeting of the Board of Directors. Failure to attend any regular meetings of the Board of Directors or of the General Membership in any given year without prior notice to and approved by the Board of Directors shall be grounds for removal for cause.

(b) To develop and prepare a balanced budget for the following fiscal year and present it for review by the General Membership at the January meeting with final approval by the General Membership.

(c) To keep a correct record of the proceedings of all their meetings.

(d) To assure that the records and reports required by law are made.

(e) To return all property and records of the corporation promptly upon the expiration of term or removal from office.

SECTION 4. (a) Vacancies. Should vacancies occur in the Board of Directors, except for the office of president, through death, resignation, removal or other cause, the President shall announce at the next general membership meeting, after a vacancy opens, that nominations will be accepted. The general membership shall elect a person to fill the vacancy for the unexpired term.

(b) If a vacancy should occur in the office of president, the vice president automatically become president for the unexpired term.

ARTICLE III ANNUAL ELECTIONS

SECTION 1. NOMINATING COMMITTEE

(a) There shall be a nominating committee. The president shall appoint a chair at the September meeting. It shall be the duty of the Nominating Committee to prepare a slate of officers and directors for the succeeding year. The nominees for each office shall be members in good standing. The slate may include more than one nominee per anticipated vacancy and shall be presented at the October meeting of the membership.

(b) Nominations may be made from the floor at the October meeting provided consent of the nominees has been obtained. Nominations may be made at the November Meeting only if there is a vacancy in the slate.

SECTION 2. Any member of the Board desiring to run as an officer shall submit his or her resignation of directorship at the time of nominations, to be effective the date of the installation of officer, thereby allowing the vacancy to be filled by the election process.

SECTION 3. The newly elected Board of Directors shall assume their responsibilities at the beginning of the fiscal/calendar year following the oath of office before assuming their positions.

(a) The oath of office shall state that the office holder will promise to uphold the bylaws and policies of BIARC.

ARTICLE IV OFFICERS

SECTION 1. The officers of this corporation, who shall serve as officers of the Board of Directors, shall be a President, a Vice President, a Secretary, a Treasurer, all Ex-Officio, and such other officers as in the judgment of the membership may be necessary or advisable. The officers shall be elected by the membership in attendance at the November meeting for terms of one (1) year and shall serve until their successors are installed. No officer shall hold office for more than two (2) consecutive terms. All records shall pass to the incoming officers.

SECTION 2. The President shall:

(a) Call and preside at all meetings of the Board of Directors and shall preside at all meeting of the membership.

(b) Appoint the chairs of all standing, special and temporary committees. Persons appointed may be removed from their positions on the recommendation of the President.

(c) Serve a member ex-officio of all committees except the Nominating Committee.

(d) Prepare a quarterly report consisting of financial and committee status to be published in the BIARC bulleting and present a year end report at the November General Membership meeting.

(e) Shall routinely visit the post office box and collect all incoming correspondence or may designate one (1) alternate to perform the task.

(f) Shall have the authority to act in the treasurers place or appoint a temporary treasurer, in the case of absence of the treasurer.

(g) Shall sign all official documents adopted by BIARC.

(h) Perform such other duties as are incident to this office that may be required by law or as may be specified in these bylaws.

SECTION 3. The Vice President shall:

(a) In the absence or disability of the President, perform all duties of the President.

(b) Serve as Chairperson of the Program Committee.

(c) Perform such other duties as are incident to this office that may be required by law or as may be specified in these bylaws.

SECTION 4. The Treasurer shall:

(a) Be charges with the safekeeping of all moneys received and funds of BIARC, and for the records of its financial affairs, make disbursements in accordance with the approve budget and instructions of the board of directors and membership.

(b) Make quarterly report to the Board of Directors.

(c) At the end of the term of office shall provide for an annual audit of all corporate financial accounts.

(d) Be responsible for seeing that any required budget preparation is scheduled, prepared and presented.

(e) Shall provide a monthly income statement to the membership.

(f) Shall be authorized to pay all budgeted items that are necessary to the operations of BIARC. All other expenditures must be approved by the general membership.

(g) Perform other such duties as are incident to this office that may be required by law or as may be specified in these bylaws.

ARTICLE V COMMITTEES

SECTION 1. Committee Reports. On a monthly basis, each committee chairperson will render a report to the BIARC membership.

SECTION 2. Special Committees. Special committees may be appointed when deemed necessary by the President.

SECTION 3. All committees shall be directly responsible to the membership.

ARTICLE VI MEETINGS

SECTION 1. The annual meeting of the membership of the corporation shall be held in November. The Fiscal year shall be the calendar year.

SECTION 2. Regular meetings of the membership shall be held monthly. Special meetings of the membership may be call by the President and must be called by the President at the request of ten (10) active members of BIARC. Notice of all regular and special meetings shall be given through the BIARC Bulletin, or by publication in a newspaper of general circulation.

SECTION 3. Regular meeting of the Board of Directors shall be held monthly at the time and place determined by the Directors.

SECTION 4. Special meeting of the Board shall be allowed from time to time at the discretion of the Board.

SECTION 5. A majority (51%) of the Board of Directors shall constitute a quorum for the transaction of business at all meetings of the Board.

SECTION 6. A quorum for any regular BIARC meeting shall be (10) percent of the total voting members. At special meetings of the membership at least (15) percent of the total voting members shall constitute a quorum.

SECTION 7. In the absence of both the President and the Vice President from any meeting of the Board of Directors or of the membership, a Chair for that meeting shall be appointed by the President, if the absence is anticipated in advance. If the absence is not anticipated, the Chair for that meeting shall be elected by the directors or the members present.

SECTION 8. Robert's Rules of Order (Scott, Foresman Newly Revised) shall be the parliamentary authority for all matters of procedure not specifically covered by these bylaws.

ARTICLE VII AMENDMENTS

SECTION 1. These bylaws may be amended by the affirmative vote of a two-thirds (2/3) majority of the voting members in attendance at any meeting, provided, copies of the proposed amendments shall have been made available for review and that notice has been given that the amendment of the bylaws will be taken up at said meeting.

SECTION 2. These bylaws shall be subject to Chapter 415, Hawaii Revised Statutes, as amended, and in case of any conflict, State law shall prevail.

SECTION 3. All amendments shall be effective upon approval by the membership.

Revised BIARC Bylaws adopted: _____ 1996

President

Secretary



Nathan waves at his streaming video fans on Kids Day



Lucy operates at KH7HI on Kids Day

Big Island Amateur Radio Club

P.O. Box 1938

Hilo, HI 96721