

# Kauai Amateur Radio Club

## NEWS

Volume 1, Number 5.....June, 1988

line for the Wilcox repeater. Motion carried. **This Month...**

The VHF committee will negotiate with the hospital and one way or another get a phone line for the Wilcox repeater.

**June Meeting at Lihue CD\*  
Turnstile Antenna**

Please fill out the ARES-RACES registration form. CD will also need your physical description, height, weight, eye and hair color, etc. to prepare a pass that will allow access to the CD Center in an emergency.

**KH6FMT, John Dillon** will address the club on Turnstile antenna construction for which he has just had an article accepted by *73 Magazine*.

**VEC-Next examination 5/14/88** at the First Hawaiian Bank conference room in Lihue at 9 a.m.

It was the good fortune of the Editor to visit the mountain top shack of KH6FMT and see the various antennas using this concept and realize how simple yet effective they are. Also amazed to see the ingenious use of corian in constructing the units.

### May Minutes

Meeting was called to order at 1947. Introductions were made. Minutes were accepted with the following correction: Under ARES-RACES 3rd paragraph, column 2 should read "National Emergency that terminates ham operation".

**Treasurer's Report:** balance as of 4/30/88 \$980.47, \$8.00 paid for refreshments, \$52.72 newsletter expenses. 7 members paid up at the meeting for a total paid up membership of 47.

### Announcements

**KH6S:** Let's see an increase in attendance on the Monday night VHF net. Today's CD siren test generated 3 ham check-ins on the .92 repeater. There is no one on duty at CD to receive these check-ins. Cliff Ikeda will follow up.

**EDUCATION-KH6HU:** A CW rig was donated to the class. There will be two electronics classes next year. The new novice enhancement and easier technician class has changed how things are done. A 220 rig was requested in next year's budget. The budget was cut from \$15,000 to \$9,000 so the computer component of the course was scraped. Negotiations are under way with KCC to tie the high school electronics course in with college credit.

**NEWSLETTER-WH6AXL:** Needs feedback. Deadline for news is the 20th.

### Committee Reports

**QSL-KH6LG:** 41 cards received.

### Old Business

**IRS-Formalities** are pau thanks to KH6S.

### New Business

**FIELD DAY-Ryoko, KH6DLW** reports that all permits are in process. Should we use the 30K generator? A 7.5K gas generator is available. Ryoko will pursue this. Will we have a novice station? Gerry will be off island. He will ask his students.

**MONDAY NIGHT NET-**There will be no net on the holiday, 5/30/88. May's net controllers are KH6AJ and KH6DXO.

**FOXHUNT-Foxhunt** will be organized by Gerry Hill on 5/22 Sunday in the Lihue area. Will operate simplex on two meters. Watch for more details.

Priority motion for adjournment as it is getting late for the packet demonstration which follows the meeting.

**MEETING ADJOURNED.** Jeff Sue, AH6IX

Join us for an evening of knowledge with John.

demonstrated packet operations on 2 meters and 220.

Respectfully submitted,  
Patty Kaliher, NH6AO  
Secretary

Kauai ARC  
Meeting  
June 6, 1988  
7:30 p.m.  
Lihue CD Center

**Motion:** If necessary, spend the money to change the repeater frequency from .78 to .82. Motion carried.

We've lost the phone line to the Wilcox repeater.

**Motion:** The club will come up with whatever is necessary to support a phone

## Ground Your Gear Right

A major "must" for every ham station is an effective grounding system. Too many feel that the grounding through the three-wire system is enough, but not so. You will only invite equipment problems, and TVI and other RFI gremlins will be permanent guests in the shack.

Proper grounding will not only reduce chances of getting a shock from your gear but will provide that low-impedance path for any stray RF current in the ham shack.

While wire is good enough for dc ground connection, RF grounding needs a low-impedance conductor. This is met by using copper strapping or flat braid. You can strip out the braid from RG-8 coax or larger for this purpose. The larger the strap, the better.

Heavy 6-8 foot ground rods that you get from an electrical supply house should be driven into the ground as near to the shack as possible for the shortest run. Connect the lead-in braid with copper

plated clamps to the rods.

Run the end of the braid into the shack and clamp on to a large grounding bus that you have installed on the back of your bench or desk. A half inch copper pipe should be adequate for this. All gear should then be connected with braid straps to the grounding bus.

If you have been experiencing TVI or erratic behavior in your shack, check your grounding.

— Courtesy 1986 ARRL Handbook

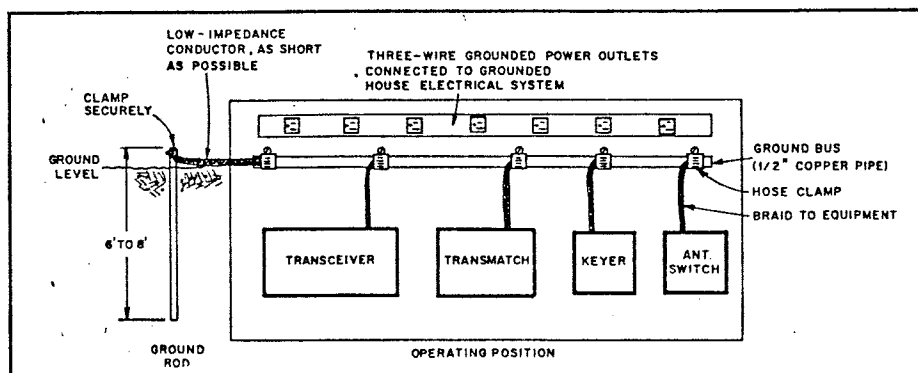


Fig. 6 — An effective station ground bonds the chassis of all equipment together with low-impedance conductors and ties into a good earth ground.

## Novice World

Volume 2, Issue 1, of Novice World is available free from ICOM America. It is a newsletter developed by and for the Novice Class operator and is the only publication devoted specifically for them. Just address a note to Novice World, c/o ICOM America, 2380-116th Ave. NE, Bellevue, WA 98004.

— Westlink Report & WORLD RADIO

## Blue & White Radios

W2ALS, Frank Gunther designed the first two-way mobile communications system for the Bayonne, New Jersey Police Department in 1932. The system was built using an Armstrong Super-Regenerative VHF receiver circuit and a non-crystallized, amplitude modulated transmitter operating in the area of 34,600 kHz powered by the car storage battery and dynamotor. He was recently honored for this milestone with the de-

dication of a large bronze plaque presented by the Institute of Electrical and Electronic Engineers. His ham radio experience was a major factor in the development.

— WORLD RADIO

ARRL BULLETIN 49  
FROM ARRL HEADQUARTERS NEW-  
INGTON CT  
MAY 27, 1988  
TO ALL RADIO AMATEURS

Preregistered clubs in Kentucky, South Carolina and Tennessee will be signing the special 200 Bicentennial prefix from 0001 UTC May 28 through 2359 UTC June 3. The clubs are,

KENTUCKY  
RIVER CITIES ARA, KD200SN  
NORTHERN KENTUCKY ARC INC,  
K200CO  
PADUCAH ARA, W200NJA  
TRADEWATER ARA, AA200SB

BLUE GRASS ARS, K200KJQ

SOUTH CAROLINA

PALMETTO ARC, W200MN

FLORENCE ARC, W4ULH

COLUMBIA ARC, KC200LB

NORTH AUGUSTA BELVIDERE RC,  
INC, K200FR

SPARTANBURG ARC, K200JOA

TENNESSEE

TRI COUNTY ARC, W200FLW

DELTA ARC, W200BS

MIDDLE TENNESSEE DX ARC,  
WD200FFM

UNIVERSITY ARC, WA4UCI

There is an error in the 200 callsign listing in League Lines of June QST. Stations in Arkansas will be active the week of June 11 through 17, rather than those in Arizona.

ARRL BULLETIN 50  
FROM ARRL HEADQUARTERS NEW-  
INGTON CT  
MAY 27, 1988  
TO ALL RADIO AMATEURS

The launch of OSCAR Phase 3C is now scheduled for June 8, with launch windows of 1112 to 1203 UTC and 1325 to 1444 UTC.

Starting approximately one hour before the launch window opens, W1AW, WA3NAN, W6VIO and W0RPK will begin live coverage of the launch. W1AW will be on its regular voice bulletin frequencies. WA3NAN will be on 3860, 7185, 14295, 21395 kHz and 147.45 MHz. W6VIO will be on 14282, 21280 and 3840 or 7165 kHz. W0RPK will be on 3840 and/or 7165 kHz. Watch W1AW for more details as launch time nears.

## VE's Had A Long Day in May

Our volunteer examiners had a very long day on the 14th of May in Lihue, but they felt it was not a waste of time as they saw the impossible happen!

**RICHARD NAGOSHI** performed the miracle of going all the way from no license to Extra in one day, first breezing through the code at 20 WPM, then slugging through Novice, Technician, General, Advanced, and finally Extra with what has been reported as only one or two errors per test despite all protests of not having studied. The marathon ended shortly after 2:00 PM so watch out! Dick is a re-tread, formerly KH6BIU.

Also all smiles that day were two who made the first jump from Novice to Technician:

**Sean Romero WH6AVA**  
**Efren Pacol WH6BBY**

Sean was so elated that he went to Kaneohe on the 21st and captured a General ticket plus the elusive 20 WPM certificate. He is now very active on the bands.

## June is Busting Out All Over

This is the super month with the following all claiming a part of our time, but what a way to start the summer.

**June 4 - T-Shirt Printout:** starts at 10:00 at the Kapaa CD site and goes until finished. Bring along a shirt or whatever garment you want to have the Field Day design on. It is recommended that the material be all cotton or mostly cotton as pure polyester does not take the silk screening well. Also need a hanger so the shirt can dry. Tote along any grub and drinks to help the time go by.

**June 6 - Club Meeting at Lihue CD:**  
Hear John Dillon, KH6FMT on Turnstile Antennas.

**June 11 - ARRL June VHF QSO Party:**  
Time to use the antenna from last month's newsletter and the grid map to see what you can do!

**June 25-26 - ARRL FIELD DAY at**

Lydgate Park in Wailua starting a 8:00 AM HST Saturday and going to 11:00 AM on Sunday. Potluck partying and some camping fun for the family makes this the event of the year.

Mark your calenday now before you read the rest of this newsletter and get the family ready!

## KH6JQO Team Captures Fox

"Tally Ho" was the cry Sunday afternoon of the 22nd as the first Fox Hunt got underway from the Tip Top Restaurant with KH6HU, Gerry scampering off as the fox. (Gerry was pretty tricky, leaving the restaurant in his red truck, then using his wife's car to transmit from.) Masquerading as the hounds were KH6AJ, KH6JJC, WH6Z, KH6QI, NH6AO, KH6JQO, NH6HF, and Richard Nagoshi.

Seeing vehicles with strange antenna devices being driven erratically around Lihue had the police tailing every car with suspicion. More so when you saw a brand new Cadillac convertible sporting an 8 element Yagi sticking up in the air and being driven by the YL team of KH6QI, Val and NH6AO, Patty.

It took about ten minutes for the fox to start transmitting as he forgot to switch his rig to simplex. Got the others a bit concerned that they had to hound the fox to the top of Waialeale.

The wiley team of KH6JQO, Lee and the not so new kid on the block, Richard Nagoshi got to run the fox to ground in the field behind the Puhi Fruit Stand. The only other hound to sniff the fox in his den was NH6HF.

Back at the Tip Top the hunt was relived with all the anecdotes and the consensus was that another hunt should be planned. The scoop is that it takes an attenuator plus a good antenna to be a good hound dog!

## President's "CQ" Corner de KH6AJ

Well, here we are - the MAY issue! This month's column will be very short. This will give KH6HU, Gerry, a lot of space for his report on the Fox Hunt that took place on Sunday, May 22nd. It was a riot. There were 8 people on the "HUNT". We kinda lost 10 minutes due to the "FOX" developing duplex-itis, or something of that nature. See his column for more laughs.

Ed Williams, KH6BAS is now in Salem, Oregon. He is staying with his sister until further notice. His mailing address:

Mr. Ed Williams  
625 19th Street SE  
Salem, Oregon 97301  
Telephone (unlisted) 503-588-0300

The next club meeting in June will be chaired by KH6DLW, Ryoko. I will be attending the National Senior Citizens Convention on the mainland.

Take care, 73 es CUL,  
Joe, KH6AJ

## Armed Forces Day

The only known active club member to participate this year was KH6S, Bill Baisley who did get to work all the three major services on SSB by the end of the day on the 22nd. He was also able to copy part of the Secretary of Defense's message via RTTY. Keep it up, Bill!



**KAUAI ARC News** is published by Kauai Amateur Radio Club as a service to the membership. Any other group may use articles providing credit acknowledgement to the original source is given. Comments should be sent to the Club address or directly to the Editor:

WH6AXL - James Ahia, 4160 Omao Road, Koloa, HI 96756

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## Area & Local Nets

HST	Day	Net	Frequency
1900	Mon	State RACES	147.04 +
2000	Mon	Kauai ARES	146.92 -
0700	M-F	California/Hawaii	14340
0900	DY	Friendly	7285/3855
1130	M-F	Maritime Mobile	21404
1500	DY	Pacific Maritime	14313
1600	DY	Hawaii Afternoon	7290
2200	DY	Pacific Interisland	14315

Get into the nets for traffic experience and hear how others run a net.

## Local Repeaters

The following are listed by their output frequencies with sign for input offset.

Location	Freq.	Call	Sponsor
Lihue	146.82 - OAE	KH6DLW	Kauai ARC
Kekaha	146.86 - O	KH6ENC	HANG Amateurs
Mt. Kahili	146.92 - O	KH6S	Kauai ARC
Lihue	147.04 + O	NH6FJ	State RACES
Hanalei	147.16 + OE	AH6EC	Kauai ARC
Lihue	147.38 + O*	KH6BFU	KH6BFU
Kalaheo	449.25 - O	KH6JI	KH6JI

\* Repeater is open but activated at sponsor's convenience.

KH6DLW repeater is temporarily unavailable. Check with the Kauai Monday night net or the KARC meeting for the latest information.

A: AUTOPATCH is accessed by identifying yourself, enter \*(star) and the phone number without stopping, listen to the readback, key your mike once, and number will dial. After call, close by entering #(pound sign) and again identify.

**KAUAI ARC News**  
**KAUAI Amateur Radio Club**  
 P.O. Box 548  
 Kalaheo, HI 96741

**FIRST CLASS DATED MATERIAL**

☛ Lihue CD Center  
 Kapaa CD Center  
 Kalaheo Community Center

Meets on the first Monday of the  
 Month at 7:30 p.m.  
 (June 6, 1988)

