# Kauai Amateur Radio Club News

## April, 1988

Serving the Ham Radio Operators and the People of Kauai

### March Minutes

Meeting was called to order by President Joe Soares, KH6AJ at 1940 HST. Minutes of the last meeting as published were approved with correction to show Bob Fuller, W7KWS was present. Treasurer Mitchell Oishi, NH6JC reported a balance of \$830.19. Ron Kokubo was reimbursed \$45.85 for the shipment of the repeater. Report approved as submitted.

#### Announcements

There are some errors in the directory published so members are asked to submit corrections to Bill Baisley.

Bill Baisley, KH6S also announced that we are in the process of nominating Gerry Hill, KH6HU for ARRL Teacher of the Year. This must be sent in to our Section Manager by April 1st.

John Dillon, KH6FMT reported that KCC has requested funding of \$15,000 for radio equipment from the state. Also looking for an employee interested in analog electronics. Contact Francis Takahashi if interested.

Member Ed Williams, KH6BAS is hospitalized at Wilcox.

#### Committee Reports

QSL-KH6LG, Jack Wada reported 53 cards came through the club bureau.

AWARDS-KH6F, Gemi Pascua reported that Awards for the SKY BLUE WATERS 10–10 Club had been received by him and KH6AJ, Joe Soares.

UHF/VHF- On the antenna for the Hanalei repeater, George Susterich, KH6DXO had met with the Mayor to discuss the several positions for the site. They decided on the Lihue side of the building to avoid possible complaints. This information has been sent to the Public Works Department for approval. Further discussion revolved around a repeater site on Crater Hill. The county equipment there may be evicted. Club members will keep an eye

on the situration as this would be a super site. W7KWS, Bob Fuller had suggested an antenna on his property but it would not equal Crater Hill.

VEC-KH6F, Gemi Pascua is the new head of this group. Next examination has been scheduled for May 14, 1988 at the First Hawaiian Bank conference room in Lihue.

AREC/RACES-No report.

EDUCATION-Waimea High School is now up on packet.

#### Old Business

FOX HUNT-No Report.

**NEWSLETTER**—Great issue, Kudos to the staff.

KAPAA CENTER-Ryoko Sokei, KH6DLW is in charge of cleaning up the Kapaa Civil Defense building for our meetings. The Kapaa bunch will start March 13th at 8:00 AM. Brooms, mops, bags, rags and other cleaning gear need to be brought along. Also Food!

#### New Business

EMERGENCY FUEL—George Susterich, KH6DXO in his meeting with the Mayor also discussed the problem members would have in getting fuel to run emergency generators and vehicles in order to maintain communications. The Mayor suggested that the Club authorize individuals in this situation to carry a card allowing access to rationed fuel supplies.

McBRYDE SITE-Bill Baisley said that the old 82 repeater could ideally be placed at the McBryde site in Kalaheo but this will not be possible unless it is ruled a RACES necessity.

VEHICLE SIGNS–Jeff Sue, WA6SLF discussed his experiences from the Captain Cook Caper and found that KARC vehicles on assignment could use better identification. A magnetic sign was shown that would cost between \$40–45 each.

# This Month... April Meeting at Kapaa CD

Come check out the newest meeting site for the Kauai Amateur Radio Club, the Kapaa Civil Defense Center. This should make it easier for the Northshore and Kapaa hams to come to the meetings. Kapaa CD will rotate with the present meeting places, the Lihue CD Center and the Kalaheo Neighborhood Center. (See map inside.)

#### March Honor Roll

Just by logging in at the meeting gets you on the honor roll and front page of the newsletter!

KH6AJ	NH6AO	KH6DLW
NH6HF	WH6Z	KH6S
KH6PH	WA6SLF	W7KWS
KH6EZ	KH6ILL	NH6NG
KH6ZŢ	KH6FMT	KH6JQO
AH6AW	KH6F	KH6CZJ
KH6LG	NH6JC	AH6CG
KH6DXO	Ed Pollock	

MONDAY NET- Jack Wada, KH6LG is net control for March with KH6DLW, Ryoko Sokei as alternate.

KH6DXO, George Susterich has a 6-meter rig available.

Meeting was adjourned at 2040 HST and after refreshments, members toured the Civil Defense Communications Center.

Respectfully submitted, Patty L. Kaliher, NH6AO

Kauai ARC Meeting April 4, 1988 7:30 p.m. Kapaa CD Center

#### Paid your dues??

Club Treasurer NH6JC, Mitchell Oishi reports that 21 members have paid their 1988 dues. If you have not, pay at any meeting or mail it directly to him or to the Club address.

#### Want the Newsletter??

These first few issues of the KARC News are being sent to as many hams as we have addresses for. However, this cannot continue forever as the cost of printing and mailing is being borne by the Club (First Class goes up to 25¢ April 3). Join up and you will never miss a future issue.

#### Directory Update

The listing published as an insert with the March Newsletter has a few bugs like wrong numbers or addresses. Please contact the Editor directly for correcion as your mailing comes out of that list.

If you are aware that we have missed a ham or two, also inform us. Phone number is 742-1565 or drop a line at 4160 Omao Road, Koloa, HI 96756.

#### Newsletter a Success!!!

Thanks to AH6IX, Jeff Sue and his state-of-the-art computer gear which has put our Newsletter into orbit! We have been getting excellent comments from members and others in the State, with special kudos from Section Manager Jon Starr. Help us stay on top by getting information to the staff at least two weeks before the next meeting. Any art work or technical contributions would be greatly appreciated.

#### Civil Defense Registration

As part of a local preparedness action, our local office of the Civil Defense has sent out registration forms for RACES, Radio Amateur Civil Emergency Service. We hope that you have taken the time to sign up as this type of public service is one of the reasons we enjoy our privileges as radio amateurs.

Another privilege gained with our ham ticket is the opportunity to use a very unique call vehicle license plate availa- 4. Friendly. ble only through Civil Defense. Technician Class and above can apply for only a small fee and copy of your ham ticket and the vehicle registration.

# President's "CQ" Corner de KH6AJ

#### Did you know?

That the first edition of the Radio Amateur's Handbook (ARRL) came out in November, 1926 – 5,000 copies. The Tenth Edition, First Printing numbered 30,000 copies in January, 1933, followed by the Second Printing with 8,750 copies in July, 1933?

The Sixty-Fifth Edition, October, 1987, hit another milestone. For the first time in its history, the Handbook came out in Hardcover: 40 chapters cover just about everything that the well informed Amateur wants to know.

#### The Amateur's Code

The Amateur is:

- 1. Considerate.
- 2. Loyal.
- 3. Progressive.
- 5. Balanced.
- 6. Patriotic.

Need I say more? We have the nicest bunch of "HAMS" on Kauai. This brings to mind - How did the word "Ham" come into being? No one seems to know for sure the origin of its beginnings, other than it being a "slang" for a licensed radio operator who operates a station as a hobby rather than a business.

Future? FIELD DAY in June. Fox Hunt - whenever? Newsletter for May will feature personalities of the Kauai Amateur Radio Club... 73's

Kapaa Civil Defense
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Mahelona Hospital
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Kawaihau Rd.
Hauaala Rd.
Kapaa /
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Kanaa Civil Defence

President	Joe Soares	КН6АЈ
Vice President	Ryoko Sokei	KH6DLW
	Patty Kaliher	
Treasurer	Mitchell Oishi	NH6JC
Activities	Al Morgan	KH6ZT
Education	Gerry Hill	КН6НЦ
QSL Cards	Jack Wada	KH6LG
Awards	Juan Lorenzo	KH6JJC
ARES/RACES	Bill Baislev	KH6S
VHF	Ron Kokubo	KH6E
VEC	Gemi Pascua	KH6F
Newsietter	Kimo Ahia	WH6AXL

# MARCONI DAY SPECIAL EVENT

Guglielmo Marconi will be honored by Amateur Radio operators in the United States, England, Ireland, Canada, Nefoundland, and Italy on April 23, 1988.

Marconi, who first conceived the idea of using electromagnetic waves for signaling, will be honored by an Amateur Radio special event—International Marconi Day (IMD). GB4IMD in Cornwall, England, will be operating from Poldhu Cove where Marconi carried out the first trans-Atlantic transmission. EI2IMD will be operating from the site where

Marconi carried out the Irish experiments in Crookhaven. In the US, K1VV/IMD will be at Cape Cod South Wellfleet where the first USA to Europe contact occurred.

The Society of Newfoundland Radio Amateurs (SNRA) will be operating VO1IMD at Signal Hill in St. Johns where the first trans-Atlantic signals were heard by Marconi on December 12, 1901. Sydney Amateur Radio Club of Nova Scotia will establish VE1IMD at the Marconi Museum in Glace Bay, and IY4FGM will operate from Marconi's birthplace in Bologna, Italy.

Operating frequencies are on five

bands, SSB, as follows:

3.770-3.780 MHz, 7.070-7.080 MHz, 14.270-14.280 MHz, 21.250-21.260 MHz, and 28.530-28.540 MHz. Special awards are offered to amateurs who work any five of the six IMD stations. Applications should be sent to Cornish Radio Amateur Club PO Box 100 Truro, Cornwall, United Kingdom TR1 IXP.

(From the ARRL Letter)

# KARC in CQ Worldwide Contest

Members of the Kauai ARC recently operated a multi-op station during the CQ Worldwide contest. The station was set-up at our new meeting place, the Kapaa Civil Defense Center, using KH6DLW's portable tower and beam. They contacted approximately 1325 station, in between pupu's and beverages. The station used the call, KH6F, The operators were: KH6DLW, KH6F, NH6HF, NH6NG, AH6CG, KH6JC, WH6Z, and Shawn Romero, a novice holding the call WH6AVA.

#### Kapaa Cleanup

In preparation for the April meeting, an enthusiastic work party of KARC members went to work on Sunday morning, March 13, 1988. Led by Ryoko, KH6DLW, the members were Ed Pollock (waiting for new call), Bob W7KWS, Burky KH6PH, Morley NH6NG, Mitchell NH6JC, Al KH6ZT, Cliff NH6HF, Lee KH6JQO, George KH6DXO, Bob N8IKU (who appears to have been drafted), Jeff WA6SLF, and last but not least, Gemi KH6F. The former Kapaa Civil Defense center needed quite a bit of work and cleaning, but it is now (almost) shining. It looks like a great meeting site, and better yet, a great site for a club station or stations! George KH6DXO was asked to bring a high ranking county official to see how much work we did, but no final decision was made. After a hard morning of work, the volunteers had beer and McDonalds. A good time was had by all. Be sure and come to the next meeting to see the results!

#### Want to be an Elmer for a New Ham??

As part of the last edition we ran a directory listing of amateurs on Kauai and left out quite a few, especially the following who have the distinction of getting their first license in the past year. We offer them special congratulations and do encourage the old—timers to make an effor to seek them out and lend a helping hand.

WH6BHP	Guy Hayashi	Box 76, Hanapepe
WH6BHZ	Don Sabado	Box 627, Waimea
WH6BIG	Albert Cadavona	Box 54, Makaweli
WH6BIH	Dean Sabado	Box 627, Waimea
WH6BII	Deomar Visaya	Box 737, Kekaha
WH6BJA	George Briones	Box 31, Makaweli
WH6BKJ	Geral Okihara	Box 651, Kekaha
WH6BKK	Michael Madrid	Box 821, Waimea
WH6BKM	James Miller	Box 739, Lawai
WH6BLS	Jace Pascua	Box 675, Koloa
WH6BOO	Saundara Smith	Box 744, Hanalei
WH6BPN	Gary Morita	Box 745, Lihue
WH6BPV	Carlos Gallardo	Box 1852, Lihue
WH6BPY	Bernard Wright	Box 893, Kekaha
WH6BRC	Edgar Reponte	Box 341, Kekaha
WH6BRD	Jeffery Sagucio	Box 122, Kaumakani
WH6BRE	Rey Javier	Box 196, Waimea
WH6BRF	Steve Swacker	Box 177, Eleele
WH6BRG	Elmer Sarmiento	Box 189, Waimea
WH6BSU	Peter Clausen	Box 744, Hanalei
WH6BSW	Nikola Nishi	Box 448, Hanapepe
WH6BTK	John Yamane	Box 879, Waimea
WH6BTQ	Malcolm Higa	Box 913, Waimea
WH6BQD	Catherine Roth	Box 757, Waimea
WH6BQG	Allison Sagucio	Box 382, Kaumakani
WH6BQH	David Robley	Box 1021, Kalaheo
WH6BQI	Leonilo Nakapuy	Box 367, Kekaha
WH6BQS	Wendall Nonaka	Box 563, Hanapepe
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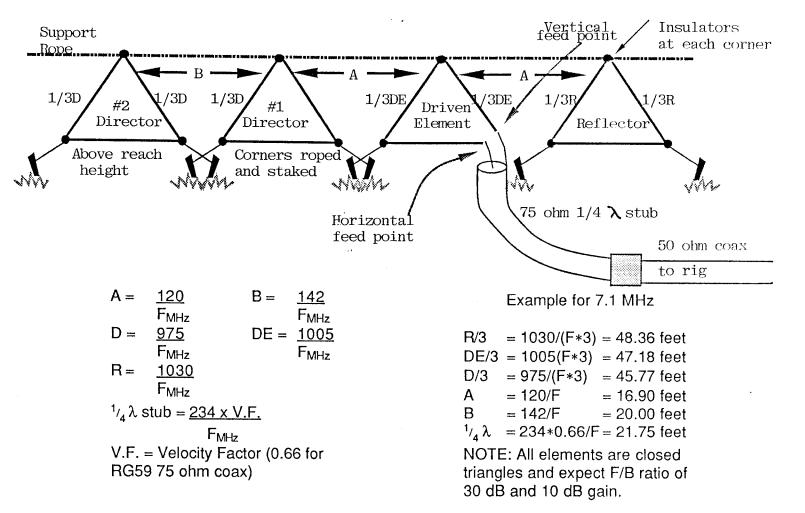
# Antennas: The Heart and Soul of a Ham Station

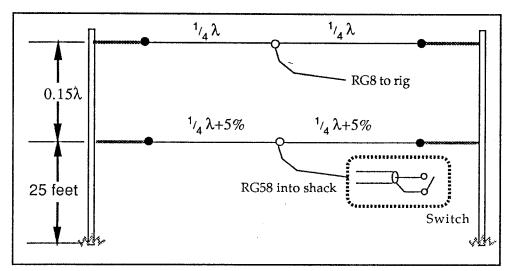
This month our technical page features several imaginative local antenna designs that can pay large dividends in DX QSL's and be built for just a few dollars plus time and energy. Newcomers, experimentalists, or

the curious all can gain from trying one or all of their excellent designs. Your feedback to the Editor would be appreciated.

Our first selection is tops for QRP

and DX work. The Dreamers Quad was put out by KH6AFS, Sam Kumukahi (Uncle Sam) of Hilo. This old-timer constantly is building and taking down antennas while his XYL, KH6BGE, Flo does a lot of QRP CW. The table of formulas shown can be adapted for different bands besides the 40 meter shown.





The second design is a modification of the usual dipole that can dramatically improve signals for close (inter–island) communications when skip occurs as it imparts a higher angle of radiation and shortens the bounce spread. This improvement was given to the Editor by KH6JJC, Juan Lorenzo in 1985 and was a boon. Takes only a few minutes and adds a brand–new feature to the dipole.

#### LION Magazine Article on Ham Radio

(This is an excerpt from a letter received by KH6DXO, a member of the West Kauai Lions Club.)

I am planning a major feature story on amateur radio operation for THE LION Magazine. It will coincide with our annual promotion of Hunting Lions in the Air and I will want the story to include as much Lion-oriented material as possible.

The theme will be the service amateur radio operators perform for their communities, primarily in how they respond to emergencies when usual forms of communications have been disrupted.

Please provide examples of instances in has signed a Local Memorandum of Unwhich Lions worldwide have been involved in broadcasting during emergencies and how in so doing further established ham operators as "good samari- New 75mtr edition of the Hawaii County tans of the airwaves." Specifically, I would like to know of individual Lions who have been involved in emergency operations, perhaps at great risk to themselves. And in addition to emergencies, how are Lion amateur radio operators performing a definite service to their communities.

Roughly how many Lions are hams and how many belong to various Lionssponsored amateur radio clubs?

Could you possibly send me a selection of any photographs you may have of Lion radio operators at their stations. Thank you for your assistance.

> Sincerely, Bob Kleinfelder Senior Editor THE LION

(Can anyone give George a hand with this? Great opportunity for publicity.)

#### Hunting Lions in The Air

The objective of the contest is to "Create and Foster a Spirit of International Understanding and Cooperation" among Lions and ham radio operators through worldwide communications.

The 1989 contest will be held: CW: January 7, 1989 1200Z for 24 hours Phone: January 14, 1989 1200Z for 24 hours

Open to all licensed operators, Lion and non-Lion. Phone and CW are counted separately. Bands are 80, 40, 20, 15 and 10 meters. Bonus points, including for contacts with Lion members from the same or different country. George, KH6DXO will have all the rules.

#### APRIL QST Section News

PACIFIC: NEW SM, Jonathan Starr, AH6GJ- Thanks for giving me a chance to serve as SM PAC. Appreciation to Army Curtis, AH6P, for excellent work during his last term. Other Section Appointments will be announced next month. Contact me if you would like to serve. Honolulu ARES was partially called up during New Years Eve flooding, but was not needed since telephone service was unaffected in the flooded areas. Maui ARES derstanding with the Maui County Service Center of the American Red Cross.

Emergency Net, 0530z Wednesdays on 3895 or up. New Lahaina, Maui open 2mtr KH6JV, N4ESX, NH6GJ, KH6BIO, Repeater AH6GR/r on 147.18+ linked to UHF AH6GR/r 442.750+ in Central Maui. AH6BJ, KA4INK, NH6LQ, WX4J. Maui's tourist areas will now have good coverage. AH6CP-1 digipeter in new Oahu site, now giving Kauai Packeteers good access. Please let me know what YOU've been up to, for inclusion in this column. Traffic: KH6S 64, KH6H 30. Aloha, Jon AH6GJ.

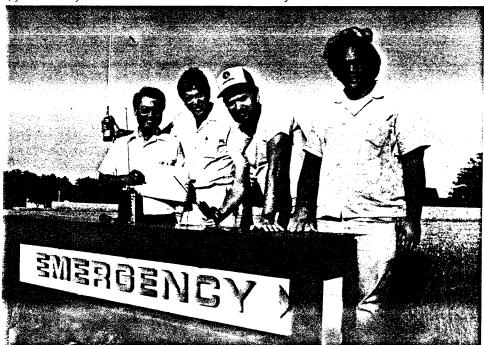
#### MAY QST Section News

PACIFIC: New Section Appointments SM Jonathan Starr, AH6GJ; ASM Helen Nielsen, AH6GQ; SEC Wayne Jones, NH6GJ; PIO Katashi Nose, KH6IJ; BM Mel Fukunaga, KH6H; SGL Gene Piety, KH6PP; TC Army Curtis, AH6P; OOC Randal Leval, AH6GR; ACC Lee Wical, KH6BZF; STM Jack Erwin, KH6HIJ; MAUI DEC Mel Fukunaga, KH6H; KAUAI DEC Bill Baisley, KH6S; HA-WAII DEC Chris Stewart, AH6GG; GUAM DEC Robert McFerron, WH2AEN; Pkt NM Hal Sprague, KH6GPI; Local EC's NH6M & KH6NP.

New Hilo digipeter on 145.05, AH6GG-1; new KAUAI digi on 145.01 & 223.58, WA6SLF; new OAHU node KH6GPI-12. Kauai ARC News first issue looks Great. tnx Kimo & Jeff.

Aloha Run Feb. 15 on Oahu: KH6HJA, KH6OV, K0AYL, NH6DY, KJ9U, KH6FD, KH6BI, KH6JCA, N5HRN, KH6CIZ, KA2WXU, NH6ML, NH6LH, Lantern Parade Feb 27: KH6HJA, KH6JCA, KH6BIO, KH6BI, KA2WXU, KJ9U, KH6FD, NH6GJ, NH6LQ, NH6LH, NH6IE, NH6MH, WH6BWD.

Tfc: KH6H 30, KH6S 56. Aloha, de AH6GJ.



KARC Members at the Captain Cook Run: WA6SLF, NH6NG, KH6PH, KH6EZ. Also participating was Ed, KH6BAS.

KAUAI AIRC 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

Composition and Computer Printing by AH6IX, Jeff Sue, using ReadySetGo 4 on a Macintosh II and a Laserwriter Plus.

### Area & Local Nets

<u>HST</u>	<u>Day</u>	Net	Frequency
1900 2000 0700 0900 1130 1500 1600 2200	Mon Mon M-F DY M-F DY DY	State RACES Kauai ARES California/Hawaii Friendly Maritime Mobile Pacific Maritime Hawaii Afternoon Pacific Interisland	147.04 + 146.92 - 14340 7285/3855 21404 14313 7290 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 d
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	147.34 + O*	KH6BFU	KH6BFU
Kalaheo	449.25 - O	KH6JI	KH6JI

<sup>\*</sup> Repeater is open but activated at sponsor's convenience.

KH6DLW repeater will have a frequency change to 146.78 when the new gear from Spectrum is installed by early April.

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
Kalaheo Community Center
Kapaa CD Center

Meets on the first Monday of the Month at 7:30 p.m. (April 4, 1988)