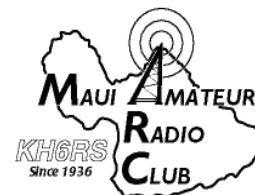


De KH6RS



The Official Newsletter of Maui Amateur Radio Club

Summer 2014

Special Field Day Issue!

It's been years since the club has produced an issue of De KH6RS. This special revival issue covers all that you might have missed at this years Annual ARRL Field Day event at Ho'okipa Point.

HF Outlook: Moderate Solar Activity Likely

The NOAA Space Weather Prediction Center reports that solar activity is likely to be moderate through July 15th. Low levels are expected with only a chance for moderate activity from 16 - 24 Jul. Activity is expected to increase on 25 Jul with the anticipated return of these large and magnetically complex regions. Moderate activity is likely throughout the remainder of the period.

On July 9th at 2105 UTC, A Solar Flux of 198 trending down and an estimated planetary A-Index of 6 was recorded. The estimated planetary K-index was 2 and the sunspot count was 209.

Quiet to unsettled conditions are expected from July 9th - 17th with active periods possible on the 15th due to effects from a series of coronal hole high speed streams (CH HSS). Mostly quiet conditions are expected for the remainder of the period with the exception of July 26th, when a recurrent weak CH HSS is expected to increase activity to unsettled levels.

"The Hula must have worked because the sunspot count increased from 37 to 112. It really made a difference."

- Tom Worthington
Club President



Club members are graced by a rainbow while setting up the 20m beam for Field Day.

In This Issue

- Field Day 2014
- The Sunspot Hula
- The New Improved KH6RS.COM
- MARC Joins the World of Facebook and Twitter
- Upcoming Events



MARC Members take only a moment to pose in front of the "pillbox" during the 24 hour Field Day exercise.

A Field Day of Firsts

The club operated three stations on 10, 15, 20 and 40 meters as well as one GO-TA (Get on the Air) station on 2 meters. We ran several modes including phone, CW, RTTY, as well as digital modes like PSK. To the knowledge of the club this is the first time we have run 3 stations.

Propagation was fair thanks to a wonderful hula performance to kickoff the event by the Club President's wife, Leslie Gise. (see article to the right) The hula was story of Maui coaxing the sun to produce sun spots that promote radio propagation.

Weather over the weekend was erratic. This, however, is the norm for this area. Shifting high-winds, rain, high-humidity, beautiful, clear-skys, rainbows, cool, and hot, could all be used to describe the bi-polar conditions over the weekend. Overall the conditions were favorable and the weather did not hit us with anything we had not prepared for.

Approximately 25 club members and visitors stopped by throughout the 24 hour event. A highlight of the day was when club member, Amanda Shaefer, was able to make contact with NASA astronaut, Reid Wiseman KF5LKT, operating as NA1SS from the International Space Station. Although it was a short pass over Hawaii, she reported clear communication with the space station.

In the week leading up to Field Day, Mayor Alan Arakawa surprised members with a proclamation declaring June 23-29th, 2014 Amateur Radio Week. In addition to the many other "firsts" accomplished this year the club managed to get into the Maui News and scored a radio interview on Hawaii Public Radio. All of which are available to view on the club website www.kh6rs.com.

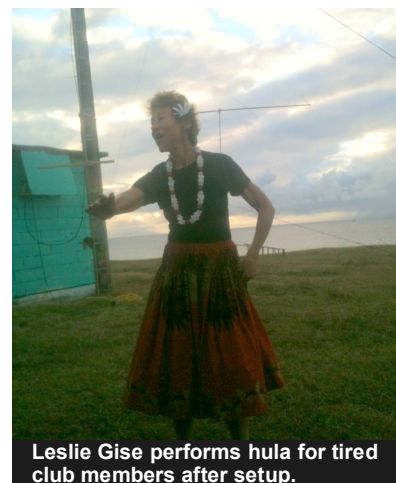
By the end of the exercise Sunday morning the club had made a total 2391 QSOs and 3462 points. Both scores show improvement despite experiencing poorer solar conditions compared to last year. **See back for submitted results.**

The Sunspot Hula worked!

Friday night as the sun was setting, club members enjoyed pizza and salad after a hard day setting up for Field Day. Wife of the Club President, Leslie Gise, performed a traditional hula selected specifically for this event to encourage good propagation during the following days exercise.

The hula is performed to entice Maui to walk back up to the top of Haleakala and instead of slowing down the sun, put sun spots on it.

Tom reported on Monday that "The hula must have worked because the sunspot count increased from 37 to 112. It really made a difference."



Leslie Gise performs hula for tired club members after setup.

Amateur Radio License Exam

Your next chance to get or update your FCC license to operate Amateur Radio is:

- **August 2nd, 9:00 AM at the Maui County EOC Conference Room.**
- **For more information visit www.kh6rs.com**

A Little Known Gem of Maui ARC History

Did you know that KH6RS Maui ARC has held the ARRL CW Sweepstakes Multi-operator Record for the Pacific Section since 1974? With a total of 151,950 points, our little club owns the distinction of the longest held record in ARRL history! –May 2010 ARRL QST Magazine

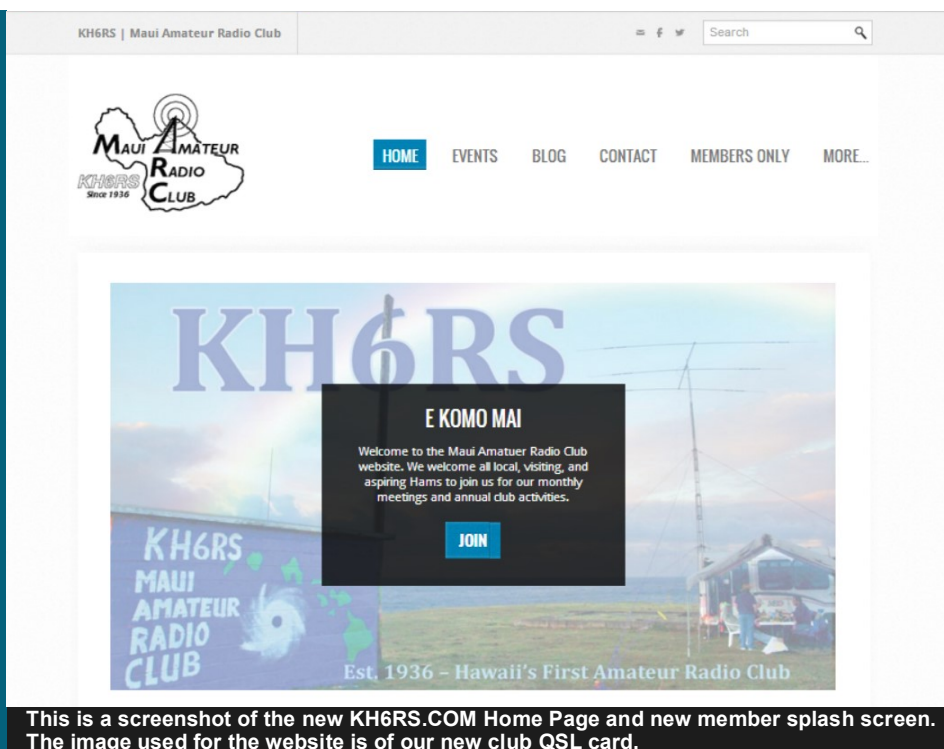
UKube Launch Successful

UKube-1 is the UK Space Agency's first CubeSat, carrying a set of AMSAT-UK FUNcube boards with an amateur radio linear transponder and educational beacon. Its experiments include a study of space weather and a project to let people interact with the satellite. The launch on July 8th was a successful one with many people around the world making radio contact almost immediately after reaching orbit.

www.funcube.org.uk/

UKube-1 frequencies:

- 145.840 MHz Telemetry downlink
- 145.915 MHz FUNcube subsystem beacon
- 400 mW inverting linear transponder for SSB and CW
- 435.080 -435.060 MHz Uplink
- 145.930 -145.950 MHz Downlink
- 2401.0 MHz S Band Downlink
- 437.425-437.525 MHz UKSEDS myPocketQub Downlink



KH6RS.COM Gets a Makeover

Earlier this year the club website began a major overhaul, with additions such as a club Blog and the Elmer's Forum. The Blog is where you will find everything the club has been up to. There you will find pictures, video, meeting minutes, and more. If you have pictures from a past or current event or some piece of club history that is worth sharing, please contact Shawn KH6RSB via the website. Our club was established in 1936 and currently we only have content going back to 1999. Help us rebuild our rich club history by submitting your award, picture, or story for posting.

In addition to the website, the club has also launched a Facebook page and Twitter account. If you don't use Facebook or Twitter, it's never too late to start. It is the easiest way to share photos and keep up on the latest news in Ham Radio and see what projects your fellow hams are up to.

If you haven't been to the club website in a while it's time to see what you have been missing.

New Club QSL Cards Are Here

Last December the club voted to design and order new QSL cards. After deliberating and researching we just couldn't pass up the quality and savings offered by a company working out the Ukraine. The new cards are in and ready to be sent out to all our QSO contacts from Field Day.

Field Day Report and Results

Call Used: **KH6RS** GOTA Station Call: **(none)** ARRL/RAC Section: **PAC** Class: **3A**

Participants: **20** Club/Group Name: **Maui Amateur Radio Club**

Power Source(s): **Generator**

Power Multiplier: **1X**

Bonus Points:

Description	Points
100% Emergency power	300
Media Publicity	100
Set-up in Public Place	100
Information Booth	100
Submitted via the Web	50
Total Bonus Points	650

Score Summary:

	CW	Digital	Phone	Total	
Total QSOs	1021	63	1354		
Total Points	2042	126	1354	3522	Claimed Score = 3,522

When all else fails... Amateur Radio.

Contact Us

On Air:

147.020 MHz (+0.600)

Monthly Club Meetings

Held every second
Wednesday in the base-
ment of the Maui County
Building on:
200 S. High Street,
Wailuku HI , 96793

Email kh6rsb@arrl.net

Facebook [/kh6rs](#)

Twitter [@kh6rs](#)

Visit us on the web at
www.kh6rs.com

PLACE
STAMP
HERE

Maui Amateur Radio Club | KH6RS

PO BOX 330005

Kahului, HI 96733