

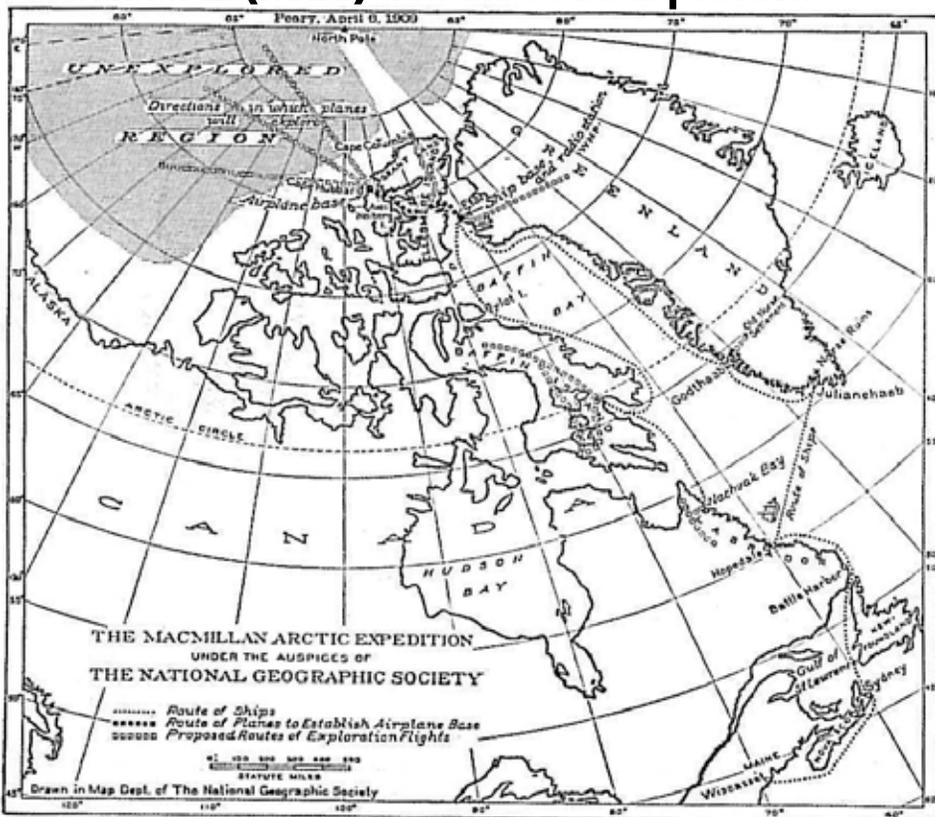
JANUARY 2011

THE MONTHLY NEWSLETTER of the SANTA CRUZ COUNTY AMATEUR RADIO CLUB

# SHORT SKIP



## Reinartz (K6BJ) and the Arctic Expedition



## Happy New Year!! And by the way ...

If you haven't yet paid your dues for this year, it's time! Make sure you're included as an active member in this year's printed directory. Annual dues are \$25 for full members, \$6 each for each additional member at the same mailing address, and \$10 for full-time students age 18 or under.

Send your check to SCCARC, P.O. Box 238, Santa Cruz, CA 95061-0238. (If you're not sure whether we've gotten your dues for this year, just email me and I'll look you up.)

For all members, it's also time for directory updates--please review your listing in the 2010 directory, and if you haven't already told me, let me know right away if any of your information has changed (including your license class).

Thanks and 73,

Kathleen, KI6AIE  
Treasurer, SCCARC  
ki6aie@yahoo.com



THE ROUTE OF THE MACMILLAN ARCTIC EXPEDITION

At present in Arctic waters. The map shows the route of the two ships, the *Peary* and the *Bowdoin*. The cut at the upper left shows the command of the expedition in the pilot house of the *Peary*. At the left is Lieut. Commander E. F. McDonald, Jr. (U. S. N. R. F.), in command of the *Peary*, next is Captain George Steele of the *Peary*, and at the right is Commander Donald Macmillan, in charge of the expedition. The insert at the right shows John L. Reinartz, radio operator in his cabin aboard the *Bowdoin*. Radio communication with the 40- and 20-meter transmitters aboard both ships has been established with amateur operators in the United States, Canada, and England from the Greenland base. Short waves are used because they are less subject to attenuation in daylight. The expedition during its entire time in northern latitudes will be in constant daylight. 2 GV, the short wave station maintained by RADIO BROADCAST has been in communication with the *Peary*, WAP, using a wavelength of 40 meters at her Etah, Greenland base

## January Meeting

The January meeting of the SCCARC will be held at 7:30 in the Dominican Hospital Education Center, as usual. John Field, who spoke to us in August 2008 on the BC-222, the first Army 'walkie-talkie', will talk about "Early short-wave and ham receivers by the National Company with emphasis on the HRO". John plans to bring a legendary HRO receiver to the meeting.

**CLUB MEETING FRIDAY JANUARY 21, 7:30PM**

## Popular Electronics — May 1960

### Ham of the Month.....

John L. Reinartz, K6BJ, put his first ham station on the air in 1908 at the age of 14, earning the money to buy the parts as a 10-cents-a-day blacksmith's helper. In 1923, he and Fred Schnell worked M. Leon Deloy in Nice, France, from Connecticut on 100 meters for the first two-way crossing of the Atlantic Ocean via short-wave radio. They used a special transmitter circuit John had developed and the "Reinartz" tuner he invented in 1921 to achieve an hour-long transatlantic communication on each of two successive nights.



Two years later, in 1925, John published his theory of how short-wave signals are reflected above the earth and returned to it many miles away. Using this theory, he managed to work 5TS in California from Connecticut at high noon on 20 meters—an almost unbelievable accomplishment at that time.

Among many other accomplishments, John Reinartz developed a regenerative detector and a loop antenna for use in microwave radar. In recognition of his outstanding work, he was made a "Fellow" of the Institute of Radio Engineers in 1958.

On January 30, at the age of 66, John retired as head of the Amatec Department of the Eimac Tube Company in order to devote all his time to hamming and fishing. We at POPULAR ELECTRONICS join all his other friends in saying, "Well done, John L. Reinartz, K6BJ, a real ham!"

## Bill Walters W6PAD, SK



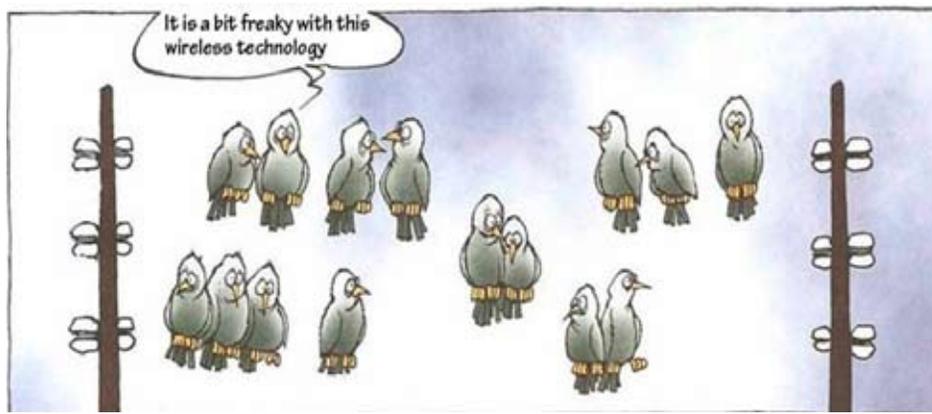
He was born June 19, 1924 in Southern California. He was a resident of Aptos for over 20 years prior to living in San Lorenzo and Oakland California. He was a very skilled Electrician and member of the Electrical Workers Local Union No. 595 for over 50 years. There was never an electrical problem he could not solve.

He was a life long amateur radio operator W6PAD helping rescue operations after the Loma Prieta earthquake in 1989, and other disasters around the world. Bill was a respected ham radio operator who would experiment with his radio equipment bouncing laser lights off the moon, talking to other ham radio operators all over the world, and working with Stanford University.

He traveled numerous times to Israel, Europe, and England.

He was a decorated World War II survivor who saw many hours of combat, proudly served his country, and like so many survivors, never talked about it. Bill made his home in the house he built in Aptos overlooking Seacliff Beach. Bill never met a stranger, was loved by many, and the world will miss W6PAD! W6 Peter Able Dog: Over and Out-GONE

—Santa Cruz Sentinel



## Radio Politics

New life for a ham radio emergency communications measure. This as the Amateur Radio Emergency Communications Enhancement Act is re-introduced before Congress. Norm Seeley, KI7UP, reports:

The Amateur Radio Emergency Communications Enhancement Act, which died at the end of the 111th Congress, has been reintroduced in the 112th Congress as HR 81. According to an ARRL credited posting on Facebook, the sponsor is Representative Sheila Jackson Lee of Texas.

The objective of the bill which is supported by the ARRL is for the Secretary of Homeland Security to study the uses and capabilities of Amateur Radio communica-

tions in emergencies and disaster relief. Also it would identify and make recommendations regarding impediments to amateur radio communications, such as the effects of private land use regulations on residential antenna installations.

Representative Jackson Lee first introduced the bill as HR 2160 in the 111th Congress in April 2009. It gained an additional 41 co-sponsors but did not progress out of the committee of jurisdiction. A similar bill introduced in the Senate as S 1755 as made it all the way through that body in December 2009, but likewise was not taken up by the House. Now, in 2011, a lot of hams are hoping that this latest version will make it through both houses of Congress and become the law of the land.

—Amateur Radio Newsline

## Treasurer's Report

The November 2010 Treasurer's Report presented to the Board of Directors showed that the SCCARC treasury had \$3277.14 in cash and bank accounts (total less encumbrances: \$2443.59). At that time all financial obligations for which invoices had been received had been met. The full Report will be available for review at the January 21 Club meeting .



By Art Lee WF6P

## CHATTER

Received a call from Gary Baker, N6ARV. He's been traveling in his motor home around CONUS; notes that there is very little activity on 2 meter repeaters. Many in CA are closed. On occasion he shows his military ID card (former USN) and hops a space available flight to anywhere in the world. One USAF flight goes to Alice Springs, Australia often out of Travis AFB, "I'm thinking I might go there," he told me. There was a TV movie, "A Town Called Alice," which was quite popular a few years back. It was an adventure taking place during WWII. Gary owns a house in Perris, CA, another in Rio Vista. He is presently building another in Nevada where he is near Art Bell's QTH. "I want to put up some antennas," said Gary. Antenna restrictions plague him at Rio Vista. We hope to resume our CW QSOs in the future. Before the '89 quake, Gary and I had a daily 0830 CW rag chew. After the quake, his ham shack in Watsonville looked like the inside of a tumble clothes dryer.

Donna, AB6XJ, and I saw Rick, N6GOW, recently at the Santa Cruz Diner. Rick is in a battery-powered wheelchair and said that we are winning the legal drive to reopen the Vets' building and his ham station. As veterans, the Military Officers Association was helping to get the building back in commission. Rick has been operating that station for a couple of decades and helps out in emergencies. When I told him that I didn't see his antennas, he told me that they had been repositioned at the rear of the building. Rick wrote a book about his adventures as a navy torpedoman aboard destroyers in WWII. He was in several major battles in the South Pacific. He said that a kamikaze plane struck the ship next to his.

I missed our club Christmas party due to an out-of-town commitment. Rich Hanset, KI6EH attended. He and XYL Lee, KC6BML, also own a motor home and spend winters down in Southern California where they own a trailer pad. They keep their 53-foot powerboat Seaweed at their home dock in

Discovery Bay. I've crewed with Rich many times and when we used to work with the Pacific Offshore Powerboat Association in the late 1980s. For about three or four years many of our club members helped provide communications for the high-speed boats. It was exciting to see those big boats coming out of the Moss Landing fog with engines roaring and 20 foot high rooster tails following. Rich was a major coordinator/planner for communications and boat assignments. For races in two successive years I was positioned in a 42-foot sailboat under the Golden Gate bridge. We did manage some emergency communications when one of the big boats flipped over. We called for the rescue boat who pulled two survivors from the cold bay waters.

SK. We lost Bill Walters, W6PAD, this past month. Bill was a long-time club member in the '80s and '90s. He was our club speaker once or more times, speaking on very technical topics on radio theory, meters and test equipment. His working life was spent in electrical/electronics work.

Was working 80 mtr voice on New Year's Day. Was discussing the economy with Terry Parks, N6NUN, maritime mobile, and the move to buy gold. KF6KEI mobile in Los Angeles broke in saying that you didn't have to buy gold, just do as he does; he mines it in the CA deserts! He goes on camping trips to the desert and digs for gold. He recovered 3/4th of an ounce in just three weeks. He estimates the value as nearly \$1000. We had some QSB which precluded my asking him where I might dig. I'm not really much for deserts or digging so may not compete with him.

### Notes from Other Clubs

Coastside ARC in Pacifica (WA6TOW): The officers for 2011 are President: Casey Vilyard N6TZE; VP: Ralph Bailey K6DLZ; Secretary: George Fenisey N6GYR; and Treasurer: Frank Erbacher N6FG.

Loma Prieta ARC: The officers for 2011 are President: David Katinsky N2RDT, VP: TBA, Secretary: Jennifer Katinsky N2RDU, Treasurer: Bill Rose N6TV0.

Santa Clara County ARA: A Technician class in November yielded 23 new hams. No plans for upgrade classes. Don AE6PM gave a talk on Introduction to Antenna Modeling. The officers for 2011 are President: Don AE6PM; VP: Fred AE6QL; Secretary: Viki KI6WDS; Treasurer: John Altieri W6HW; Directors: John NU6P and Greg KX6FNA.

## Welcome New and Returning Members!

The following members joined (or rejoined) during 2010:

KJ6DKK Brandon Bealer  
 N6UHM Hal Burton  
 KI6UWK Kenneth Coale  
 KJ6ALZ Megan Coale  
 KJ6AMA Susan Coale  
 KJ6CZG Jim Gandrup  
 KJ6HAS Tony Heaney  
 W6JOE Joe Hoover  
 KJ6EVI Jack Kellythorne  
 N1DDY Rich Landsman\*  
 W6NAN Nancy Marquardt  
 KJ6CQC Dean McCollom  
 KJ6LDD Oliver Pitterling  
 W6REV Rick Rice  
 KJ6FFP Robert Ritchey  
 KJ6DAQ James Roszell  
 N6HZ Paul Saffren\*  
 KQ50NE Jonathan Schneider  
 KJ6JSM Kevin Silva  
 KJ6LBC Cole Taylor  
 KJ6CAE Deleese Taylor  
 WA6FYD Jack Wooldridge\*

\*returning member

## Internet Link Restored

The internet link to the BJ repeater and shack has been restored.

Special mention and thanks go to Jeff AE6KS, Joe W6JOE, Tom KW6S, Cap KE6AFE and Oliver KJ6LDD. I played only a very minor role

We are most appreciative of Tom who is generously housing the equipment and providing the DSL service. We must also express our sincere thanks to Ron K6EXT who supported this link for the last 3 years or so.

From a technical perspective this is our first use of a 5 GHz link. On the one hand we are less likely to be causing/ receiving interference to/from 2.4GHz users. On the other hand we may discover the link is less reliable due to variable path loss in inclement weather. We are most interested to hear about any failure or degraded connections.

Altogether it was a very excellent exercise in team work.

—Ron W6WO

**SCCARC Board - 2010**

<b>President</b>	Bruce Hawkins	AC6DN	689-9923
<b>Vice President</b>	Brandon Bealer	KJ6DKK	
<b>Secretary</b>	David Copp	WS2I	708-2206
<b>Treasurer</b>	Kathleen McQuilling	KI6AIE	476-6303
<b>Board</b>	Christopher Angelos	KG6DOZ	688-3562
	Mike Doern	KM6IKE	477-1161
	Rich Olsen	W1WUH	464-7474
	Cap Pennell	KE6AFE	429-1290
	Doug Burklo	KI6ZIB	
<b>K6BJ Trustee</b>	Allen Fugelseth	WB6RWU	475-8846

**MONTEREY BAY REPEATER ACTIVITY**

Santa Cruz County	K6BJ 146.790- PL 94.8 Santa Cruz (linked to KI6EH) KI6EH 147.945- PL 94.8 Watsonville (linked to K6BJ) K6BJ 440.925+ PL 123.0 Santa Cruz (not linked) • SCCARC Net Monday 7:30 PM 146.79- /147.945- /147.180+ linked • SCCARC 10 Meter Net Monday 7:00 PM 28.308 MHz USB
ARES Net	SC County Wide ARES Tuesday 7:30 PM on 147.180+ PL 94.8 and 443.600+ PL 110.9 linked
San Lorenzo Valley	WR6AOK 147.120+ PL 94.8 Ben Lomond • SLV Net Thursday 7:30 PM
Loma Prieta	AB6VS 440.550+ / AE6KE 146.835- PL 94.8 (linked for net) • LP ARES / LPARC Net Tuesday 7:15 PM
Monterey	K6LY 146.97- PL 94.8 / 444.700+ PL123 (linked for net) Monterey • Monterey Co. ARES Net Wednesday 7:30 PM K6LY 146.970- (PL 94.8) • NPSARC Net Wednesday at 8 PM on K6LY/R
LPRC	WR6ABD 146.640- PL 162.2 / 442.900+ PL 162.2 (winsystem.org) • LPRC Net Tuesday 8:00 PM 146.640-(PL 162.2) • Amateur Radio Newslines broadcast Tuesday

• Santa Clara Valley Section Traffic NET Tuesday 9:00PM 146.640- (PL 162.2)

**FOR MORE INFO SEE: <http://www.k6bj.org/freq.html>**

**SCCARC Calendar of Events**

ARES Meeting (prior to club meeting)	Friday	Jan 21
SCCARC Meeting	Friday	Jan 21
Cake Meetings	Sat Jan 8, 22	Feb 12
Board Meeting	Thursday	Jan 27
Short Skip articles due	Mon	Feb 7
SCCARC Meeting	Friday	Feb 18

**MONTHLY MEETINGS.**

The SCCARC Meets at 7:30 PM, on the **THIRD FRIDAY** of the each month (except December). Meetings are at Dominican Hospital, Education Center, 1555 Soquel Drive, Santa Cruz.

**NET CONTROL SCHEDULE**

(Subject to Change)

1/17	Phil KE6UWH
1/24	Tom K6TG
1/31	Chris KG6DOZ
2/7	Byron N6NUL
2/14	Greta KI6NTL

Short Skip is published 12 times per year.  
Free to members.

**Santa Cruz County Amateur Radio Club, Inc.**

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