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Hank Davis, W6DTV 7822 Washington Avenue
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BUTTERNUT HF6V vertical and 2 mtr vertical.
Jane N6NTB 584-0145.

AEA PK-232, XT IBM, all-mode, manual,
software \$200. Bob WU6W 578-8480.

PK-64, all-mode \$65. Joe K6UKB 526-7731.

WANT: ICOM CHARGER, drop-in type for 2AT.
Jim KI6KE 538-2857.

KENWOOD TR9000 2 mtr all-mode transceiver
\$250. Garry N6ONZ 584-3425.

HUSTLER 4BTV vertical ant. 10-40 mtrs \$50.
ANTENNA SPECIALISTS mobile monitor ant, cowl
or deck-mount, 6, 25-59, 130-174 MHz \$15.
RINGO RANGER ARX2 \$20. Jim N6PTM 823-7947.

TEN TEC MOBILE ANT, 30 mtrs \$10.
HUSTLER 75 MTR resonator with tip \$20.
NGC 15 MTR SSB transceiver 10/2 watt, good
QRP rig with manual \$100.
KENWOOD MC55 mic, 6 pin, \$20.
KENWOOD MC45 mic, TT pad, 5 pin, \$20.
KENWOOD MC43 mic, 8 pin, \$25.
POWER SUPPLY, 12V regulated, 6A, \$20.
VARIAC, 7.5A \$10. Hank W6DTV 823-7885.

HEATH SB300/SB400 receiver/transmitter \$50.
Ken W6BCC 546-4098.

HEATH SB104 transceiver 604 speaker/power
supply, 644 remote VFO, manuals \$225. Frank
W6SVC 795-2670.

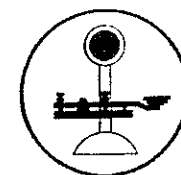
YAESU FT-411 2 mtr. Two units, brand new
never used, with charger/battery. Paid
\$320, asking \$300. Andy Long 887-9579. ■

Sonoma County Radio Amateurs, Inc.
PO Box 116
Santa Rosa, CA 95402

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WB6FRZ
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SHORT SKIP



Sonoma County Radio Amateurs, Inc.

AUGUST 1990

Club Station
W6LFJ

P.O. Box 116
Santa Rosa, CA 95402

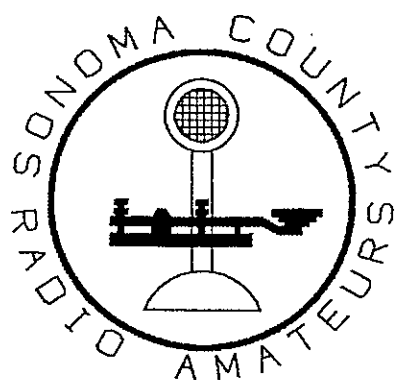
Repeater Station
WB6PVS

VOL 15 # 8

FIELD DAY 1990 See pp 6-7. (Photos: Reed White N6ZME, Dave Spencer N6RIF)



FOR INFORMATION ON THE MARCONI EVENT, SEE pp 4-5



OFFICERS FOR 1990

PRESIDENT: John Wallack W6TLK 833-1873
 VICE PRESIDENT: Jim Pelmulder N6PTM 823-7947
 SECRETARY: Alan Bloom N1AL 538-7115
 TREASURER: Philip Gaul KC6BSI 544-2572
 MEMBER-AT-LARGE: John Breckenridge WB6FRZ 838-6398
 ACTIVITIES CHAIR: Chuck Sabin N6DDK 795-2371
 REPEATER CHAIRMAN: Jim Rutherford WB6PER 526-2972

----- **SHORT SKIP STAFF:** -----
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 ADVERTISING MGR: John Wallack W6TLK 833-1873
 SWAP SHOP: Hank Davis W6DTV 823-7885

ARRL LIAISON: Alan Bloom N1AL 538-7115
 ASST. DIRECTOR: Chuck Sabin N6DDK 795-2371
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 CLUB HISTORIAN: Connie Freitas N6FYV

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 (days) 577-2913

EDUCATION: John Breckenridge WB6FRZ 527-8124
 +WD6CKP WB7CNJ WB6TMY WA8LLY

TVI/RFI: John Lynch W6CCY 823-1357

FLEA MARKET: Chod Harris WB2CHO 526-2198

AWARDS: Steve Lund WA8LLY 823-4544

VEC EXAMS: Steve Lund WA8LLY 823-4544

+N1AL WN6D WW6D WW6F WB6FRZ K6UXO

REFRESHMENTS AT MEETINGS: Bob Olsten WD6DPE

GREETER AT MEETINGS: Jane Vanderslice N6NTB

RAFFLE AT MEETINGS: Chuck Sabin N6DDK

MEMBERSHIP LOTTERY: Bob Scolnick K6GEV

QSL MANAGER: Doug Bender WW6D

REPEATER CONTROL OP'S:

WD6CKP Hoppy 542-6750 N6ONZ Garry 584-3425

WB6PER Jim 526-2972 W6TLK John 833-1873

WB6UAZ Kathi 544-7943 WN6D Jim 544-7943

N6PTM Jim 823-7947

PACKET COMM: A1 N1AL, Jim WN6D, Rich KA6SSL

ARE YOU NOT AN SCRA MEMBER?

IF SO, then this is a complimentary copy. Our club is involved with almost every area of Amateur Radio: Repeaters (13/73), Field Day, license classes (Novice through Extra), volunteer exams, RACES, DX programs, packet (145.03), hidden xmtr hunts -- you name it.

We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCARS net on the 146.13/73 repeater at 7:00 PM. You will hear the latest Westlink Amateur Radio News broadcast, announcements of SCRA activities, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. Hope to have an "eyeball" QSO with you at the next meeting! 73 ...

CLUB MEETINGS:

7:30 PM, 1st Wednesday each month at the EOC (Emergency Operations Center, see map below) Anyone interested in ham radio is welcome.

NEXT MEETING: August 1, 1990

DUES: \$12 per year, plus a one-time \$4.00 initiation fee. Dues are pro-rated \$1/month for new members. With membership, comes an SCRA call/name badge. Family membership: \$18

SHORT SKIP ADVERTISING RATES:

Business cards: \$10

\$11 First 1/4 Column
 \$3 Additional 1/4 Columns
 (\$32 Full Page, 1 side)

Pre-printed inserts: \$32/sheet

Guaranteed circulation: 200/month
 AD DEADLINE: 10th of previous month

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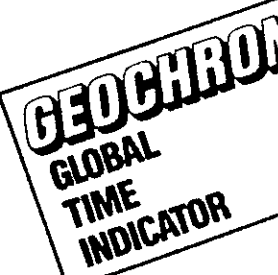
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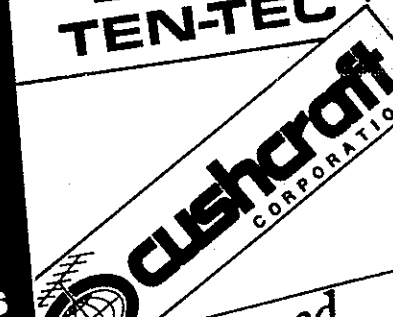
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SCRA MINUTES

July 3, 1990



The meeting was called to order by President John Wallack W6TLK at 7:32PM. Other officers present: Vice President Jim Peimulder N6PTM, Secretary Al Bloom N1AL, Treasurer Phillip Gaul KC6BSI and Members-at-Large Chuck Sabin N6DDK and John Breckenridge WB6FRZ.

VISITORS were introduced by Jane N6NTB.

Reed White finally received his new license, N6ZME. He worked KH6 Hawaii with 2 watts in his first on-the-air operation last night.

The MINUTES were approved as printed in Short Skip. m/s W6DTV/N6PTM

TREASURER'S REPORT: \$1485.40 in the General Fund, \$755.43 in the Repeater Fund. Major expense last month was \$300 for Field Day.

REPEATER: W6TLK announced that the new antenna and hardline for the 146.73 MHz Sonoma Mt. repeater have arrived. The county will install them at their convenience.

PUBLIC SERVICE: Bill N6GHG gave thanks to all the club members who have helped out with recent events. We just finished the "Terrible 2" on Field Day weekend. The "Rumpstomper" on July 21-22 (Bellevue FD) will require 4 people each day. Bill also reviewed upcoming events through September.

EDUCATION: John WB6FRZ has about 9 students still attending his Thursday-night class. They have about 4 weeks to go.

FLEA MARKET: Chod WB2CHO notes that the Flea Market will happen Sept 15 "rain or shine." The Holy Ghost hall in Sebastopol is an excellent location with plenty of parking and a ROOF to keep out the ~~xxx~~ sun.

The MARCONI EXHIBIT at the Marconi Conference Center in Marshall is on for Sept 8. Participating clubs include SCRA, Marin ARC, REDX, and the Valley of the Moon ARC. The dedication will be Saturday. We will operate both Saturday and Sunday.

FIELD DAY: 77 people signed the check-in sheet: We had lots of visitors. Everybody had lots of fun despite fewer QSO points than last year.

NET CONTROL STATIONS are needed for the Tuesday night net on 146.73.

SHORT SKIP received a certificate again this year from the Amateur Radio News Service for "superior" quality. We were in the top 4 newsletters in our class.

QSL CARDS: Al brought in 6 sets of 250 QSL cards ordered by members. We are now out of cards. Before anyone can order more, we will have to have a new batch printed up.

The PROGRAM was a talk and video on hazardous materials by John W6TLK.

Thanks to Zane Bates of Farmers Lane Radio Shack for RAFFLE prizes.

The MEMBERSHIP LOTTERY was won by K6KZ. Harvey took home \$5.50.

Meeting adjourned at 9:05. m/s N6DDK/WD6DPE Respectfully submitted, Sec. Al Bloom N1AL

TREASURER'S REPORT

FOR MONTH ENDING June 30, 1990



ACCOUNT	REVENUE	EXPENSE
Activities (Field Day).....		300.00
Dues and Initiations	48.00	
Short Skip Newsletter	20.00	
Amateur Radio Newsline		5.52
	68.00	305.52

ASSETS:

General Fund Account	1444.25
Cash/checks on hand	41.15
Total General Fund	1485.40
Total Repeater Fund	755.43

- de KC6BSI

HEARD ON THE PARTY LINE

by CHARLIE VORDERBERG W0CCT

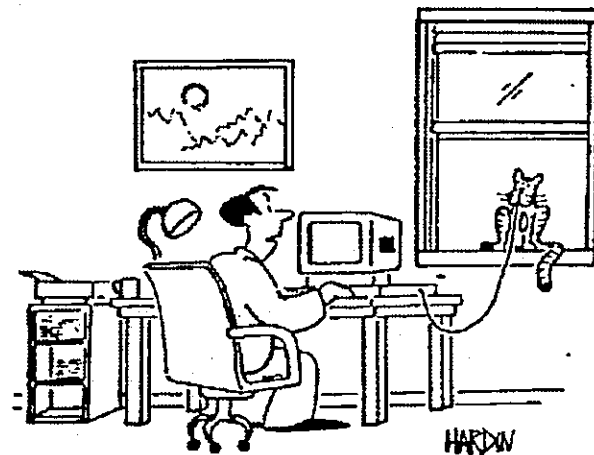
Zip, pow, fizz, spark!
Lights out, all dark!
Find fuse, Ouch! Heck!
Must be, in shack ...
Flashlight! Battery? No work,
Extras? None. Stupid jerk.
In shack, find fuse,
Feel way, get bruise.
Job about half done;
Phone rings, "Son-of-a-gun!"
Wrong number, of course,
Someone asks, "Rent a horse?"
Back to restore light,
Wild battle, some fight.
Power on! Another arc,
Zip, pow, fizz, spark!

Tnx ARNS Bulletin.

VACATION

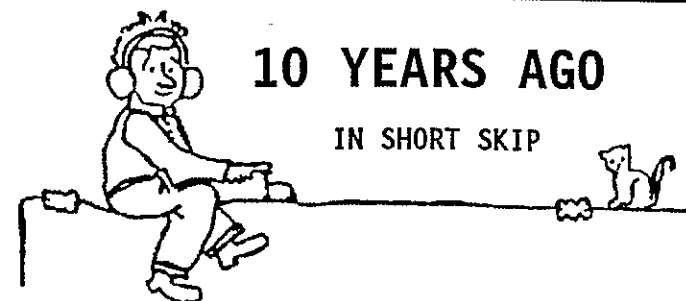
WA6ACX and KF6FX, Don and Irma, are on a vacation, heading to Alaska. Thursday July 12, they had reached Fort Nelson BC, Canada. From there, the next stop would be Watson Lake, Yukon Territory. W6DTV and N6FAX have contacted them several times on 14,292, the Alaskan net. Try 8:30 AM or 7:40 PM.

Bob K6GEV and wife are also on vacation in Alaska. They are flying into Vancouver and on via Love Boat. Hope Alaska can stand this invasion. Tnx W6DTV



"May I have the mouse back., please?"

Ham News Outlet



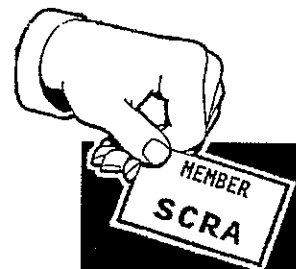
10 YEARS AGO

IN SHORT SKIP

The following announcement appeared in the August 1980 Short Skip: "FLASH New group forming -- All those interested in DX to any degree are welcome to call K6ANP Len and talk things over. Get in on the ground floor with a new organized activity." When was it REDX was formed?

W6DTV had the honor of hosting Don W6AM, long-time #1 on the DXCC list. Don had a long chat with old high school buddy Sam W6NL. Sam taught Don the code, and both helped build and operate the school's spark transmitter.

NEW AND RENEWED MEMBERS



SINCE LAST MONTH

Dallas Pedersen WB7AKX 200 Lytton Spring Rd. PO Box 668 Healdsburg, CA 95448 433-0546

Don Connelly N6SRH 5850 Anderson Rd. Forestville, CA 95436 887-7950

Steve Carniglia KB6LSB 4711 Annadel HeightsDr Santa Rosa, CA 95405 538-7658

Merlyn Pfeiff N6VUC 118 Francis Cir. Rohnert Park, CA 94928 584-3898

Bill Kaiser N6OLD 346 Lakeville Circle Petaluma, CA 94954 763-7845

Larry Mullinix K6ZIV 8507 Vicky Lane Sebastopol, CA 95472 823-8447

153 total members.

MARCONI SPECIAL EVENT STATION

by Hank Davis W6DTV

Why have a special event? In the past, the club has had several, but not for some time. Some have fun communicating with Amateurs in many interesting places. Others have fun watching others do the communicating. In the case of the Marconi station, you can have a little part of history in your life.

Marconi could be called the first Amateur. He discovered wireless transmission in 1897 and was awarded a patent in England.

His first big undertaking was at the American Cup races in the United States. He transmitted the results as they happened from ship to shore.

By 1990 he had started the giant "Marconi International Marine Communications Co. Ltd" in England. In 1901, he had selected Poldhu and had an installation ready for testing.

He found a place on Cape Cod called Wellfleet, where he located the American station. The antenna system was the same at both sites: 20 masts, 200 ft high, in a 200 foot circle. These did not last long as winter storms took them down. Shortly after this, on December 12, 1901, a kite antenna helped him send the letter "S" across the Atlantic.

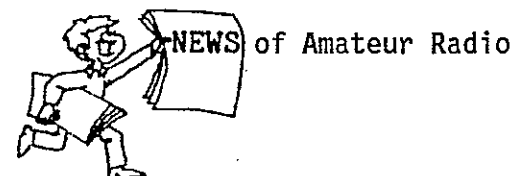
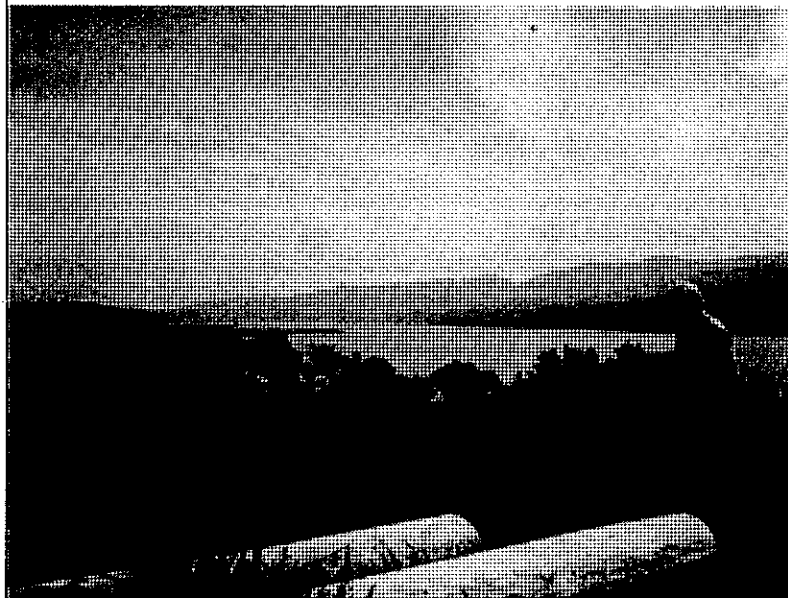
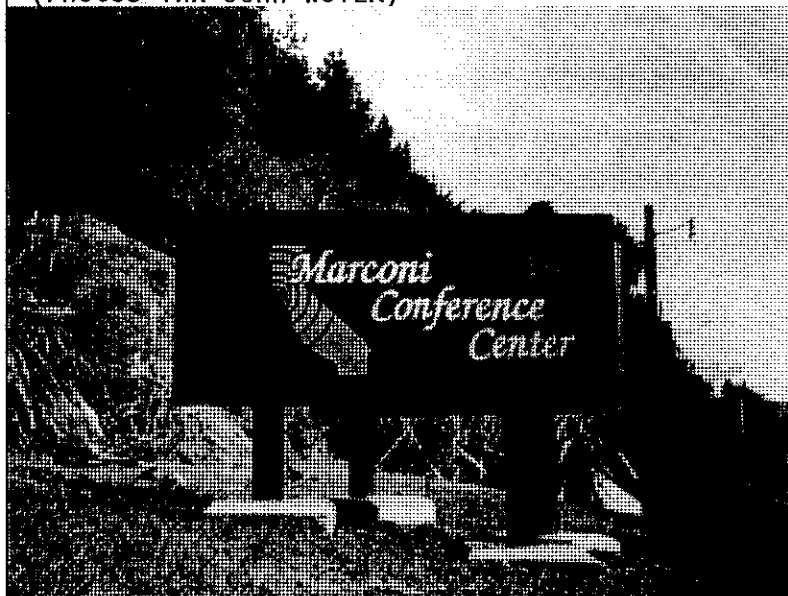
In 1902, Marconi had 4 250 foot towers built from wood and well-guyed for protection from winds. The equipment used worked in the 1500 to 1800 meter bands with around 30,000 watts of power. Messages were sent at about 17 words per minute. Stability of signal was not one of their virtues.

By 1903, news was transmitted from America to England by wireless.

Between 1903 and about 1911 was a building era for Marconi. Several telegraph companies were taken over which expanded Marconi to about 500 ship units and 70 land stations.

(next page)

(Photos Tnx John W6TLK)



THE PHILIPPINE EARTHQUAKE has generated considerable local and regional Amateur Radio activity. Avoid transmitting on emergency net frequencies. The Red Cross was not accepting incoming welfare inquiries as of July 17. Tnx WIAW bulletin

THE ARRL FCC FILING on the codeless license proposal will strongly reaffirm ARRL's request to retain the Novice and Technician licenses and inclusion of Novice testing under the Volunteer Exam program. WIAW

THE CODE TEST WILL BE WAIVED for disabled individuals who produce a physician's note affirming they are unable to copy 13 or 20 wpm code. This is being handled on a waiver basis for now, but a rulemaking will be initiated in the very near future. [Ed note: is the day coming when the written test will be waived for our developmentally disabled citizens?] Tnx ARRL Letter

PRESIDENT BUSH CHANGES AMATEUR RULES. The above-mentioned code test waiver was due to intervention from the top. Tom McMillen WB3HGW has epilepsy and takes medication which slows his brain function. After repeated failures to get the FCC to waive the 13 wpm code test, he appealed to King Hussein JY1 of Jordan, who contacted Pres. Bush. Bush had the Dept. of State contact the FCC about a waiver. This, plus interest in Congress about aid for the disabled, has prompted the FCC to instigate the rulemaking procedure. Tnx Westlink Report

THE STS-35, "HAMS IN SPACE" mission is now scheduled for launch Sept. 10 to 14. WIAW

Jim Pelmuider
N6PTM

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COMING EVENTS:

SCARS NET: 146.73 MHz
Tuesdays at 7 PM.

VE EXAMS HOTLINE NR:
408-984-8353

JULY:

28 - Healdsburg Harvest Century Bike Tour

AUGUST:

- 1 - SCRA meeting 7/7:30 PM
- 4 - Vineman Triathlon
- 6 - RACES etc. Net 7:30 PM
- 4-5 - ARRL UHF Contest
- 4-5 - 10-10 10M Contest, Phone
- 11 - Foothill College Flea Market
- 16 - CDF/VIP Meeting 7:30 PM
- 17 - Deadline for September *Short Skip*
- 20 - RACES etc. Net 7:30 PM
- 25 - CDF VIP Open House 11AM-3PM, CDF HQ
- 26 - Bodega Bay to Breakers 5 mile race

SEPTEMBER:

- 5 - SCRA meeting 7/7:30 PM
- 14 - Deadline for October *Short Skip*
- 15 - SCRA Flea Mart, Seb. Holy Ghost Hall
- 22-23 - Wine-to-Waves bike ride (MS Soc.)
- 23 - Sonoma Co. Diabetes Soc. bikeathon

OCTOBER:

- 3 - SCRA meeting 7/7:30 PM
- 19 - Deadline for November *Short Skip*
- 27-28 - CQ Worldwide DX Contest, Phone

NOVEMBER:

- 7 - SCRA meeting 7/7:30 PM
- 16 - Deadline for December *Short Skip*
- 24-25 - CQ Worldwide DX Contest, CW

DECEMBER:

- 14 - Deadline for January *Short Skip*
- 31 - ARRL Straight Key Night



DX NEWS



FROM THE DXCC DESK: YEMEN. The DXCC desk has accepted the documentation for the 701AA operation. The operation has been fully accredited. The DXCC desk is waiting for advice from the DX Advisory Committee as to what country listing is proper credit.

PENGUIN ISLAND. DL8CM/ZS1 has been active and will possibly be a new one. He has been heard and worked from western New York and is active on 14029 and 7001 KHz. Signals have been weak and little activity. On phone the call could be ZS9AAA/1.

COCOS ISLAND. TI2US, TI2ZM and TI2CF are on their way to Cocos Island and should arrive July 19th. They expect to be on the island for at least one week, operating in the normal DX slots, both CW and SSB.

OMAN, A41JV. KJ4GK will be handling the QSL chores for A41JV, Salim. All cards for contacts since July 4th go to KJ4GK. Salim is a good CW operator for those who need this one on CW. He can be found on the low end of 15 and 20 meters.

BHUTAN. The latest word on a possible VU operation from here is an application has been submitted by a VU but at this time no license or permission has been granted to this group by the A5 authorities.

SAINT PIERRE. A group will be signing FP/VE1DXX or an outside chance of an FP call sign from August 14 to 19 on 160 through 6 meters plus 2 meters EME and satellite activity. No WARC band activity is planned. QSLs will be handled by A1, VE1AL.

KERGUELEN ISLAND. FT5XH and FT5XA continue to show up alternating each morning on 20 meter CW or SSB. They can be found on 14020 and between 14190 and 14200 KHz starting around 1100z.

PALMYRA ISLAND. Watch for activity by Steve, AA6LF, signing /KH5 starting around July 22. The operation will last about a week taking place on SSB on 20 to 10 meters. QSL via his home call.

MARKET REEF. A group will activate this one from July 27 to August 2. Callsign will be OJ0/KF7PO on SSB and OJ0/N7BG on CW. Usual DX frequencies. They will activate some of the WARC bands. QSL to KF7PO.

ALBANIA. The latest rumors state that some Hungarians will demonstrate Amateur Radio sometime in July to the Albanian authorities. With the possible political situation in Albania at this time, there seems little chance of it taking place.

TAIWAN. About one month ago, 400 applicants took their license test with over 100 passing the qualifications for low band operation. Watch for more and more BV stations to appear in the near future.

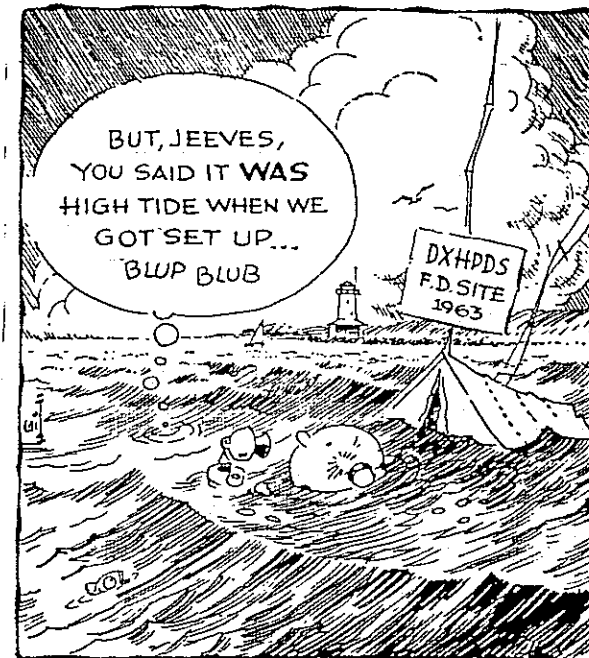
Thanks to Bob WB2CJL, the Western New York DX Association and WIAW for this info. ■

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MARCONI (continued)

In 1913, 228,000 messages were handled, which grew to 379,000 by 1913.

In 1917, upon the US entry into WWI, the Navy took over 53 coastal stations and 370 ship units. Marconi still existed as a manufacturing company, now selling to the Navy and others.

In 1920, American Marconi was taken over by RCA. The transmitting station was, and is, in Bolinas. The Marshall site was closed, and the receiving station moved to Point Reyes, where it is still in use.

The Marshall station extended 8 miles toward Petaluma. 8 massive vertical masts covered that distance for antenna support. Parts of the base structure can still be seen.

THE EVENT

The old Marshall Marconi site has re-opened as a conference center and historical site, part of the California State Park system. We Amateurs will be participating in the grand opening Saturday September 8. Tentative plans are to have 2 or 3 exhibits to display an antique Amateur station as it was then, along with a working HF and 2 meter packet station to show Amateur radio as it is today.

Many politicians and other VIP's will be present, including Marconi's daughter, who is flying out from the East coast. We will need volunteers to operate and to act as "tour guides" for the visitors. Contact John W6TLK if you are interested. ■

SILENT KEY

Chuck Taylor KC7UU had a heart attack while in Liberia. He presented a program to the club several years ago on the Cayman Islands.
Tnx Hank W6DTV

CDF-VIP NEWS

YOU'RE INVITED!



To the open house and dedication of the "Volunteers in Prevention" Amateur Radio "Emergency Communications Van" and "Emergency Communications Center."

SCRA members and other contributors and their families are cordially invited to come have free hot dogs and soda and tour the newly-completed Amateur Radio Emergency Comm. Van and Comm. Center which are dedicated to providing emergency communications to the residents of Sonoma County for any type of disaster that may occur.

The dedication and open house will be held on Saturday, August 25, 1990, from 11 AM to 3 PM at the California Department of Forestry's "Sonoma Ranger Unit," located at 2210 West College Avenue, Santa Rosa. The dedication ceremonies will be held at noon.

** Please park in the rear parking area. **

de Garry N6ONZ ■

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MANAGER

WB6SRU

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FIELD DAY 1990

Except for the score, Field day 1990 was an unqualified success!

THE SITE

Thanks to Captain Dallas Pedersen WB7AKX of the Salvation Army for permission to use the grounds of the Lytton Adult Rehabilitation Center for Field Day. It was an excellent RF site atop several small hills, with lots of room to spread out. The seclusion, the trees for shade and the adjacent lake/pond made for a very pleasant location.

THE FOOD

The highlight of this year's Field Day was the steak and chicken dinner by Susan N6IRJ and Jim WB6PER Saturday night. We also had shish kebab-style vegetables, garlic bread, tossed salad, baked potatoes and drinks. Kids could get hot dogs or hamburgers. We had 3 kinds of baked goodies for dessert. Breakfast on Saturday and Sunday mornings consisted of sausage, eggs and hash browns. We had nearly 50 members and guests for dinner. Nobody went away hungry!

THE SCORE

CW:	PHONE:
14 MHz 325	144 MHz 71
7 MHz 50	21 MHz 158
Novice + 85	14 MHz 176
460	7 MHz 110
x 2	3.5 MHz 49
920	Novice + 73
+ 637 <-----	637
TOTAL 1557	QSO points

With a power multiplier of 2, and adding 400 points for our emergency power bonus, our published score should total 3514, compared with 4294 last year.

We did much better on phone than last year. We made a big mistake, though, in only having 1 CW station set up. We could have made a lot more CW QSO's with more radios.

The **NOVICES** came through again with flying colors. Many thanks to Oliver KB6IOT on CW and Ted KB6PTA on phone for their efforts. I believe Dave KC6LFQ operated also, altho

his call is not in the log. A big thanks to John WB6FRZ for spearheading this effort.

CW: Steve KD6GC was the chief op on 20, with help from Al N1AL and Tracy WB6TMY. John WB6FRZ and N1AL were the 40 meter CW ops. CW counts double on Field Day: thanks, guys, for the points!

Jim N6PTM and John W6TLK were the mainstays on **PHONE**, with help from Ron WB6CVJ and N1AL. For our 2 meter operation, Ron provided the equipment, and he and Jim WB6PER did the operating.

Thanks also to all those **CLUB MEMBERS** who got on 2 meter FM to give W6LFJ a QSO.

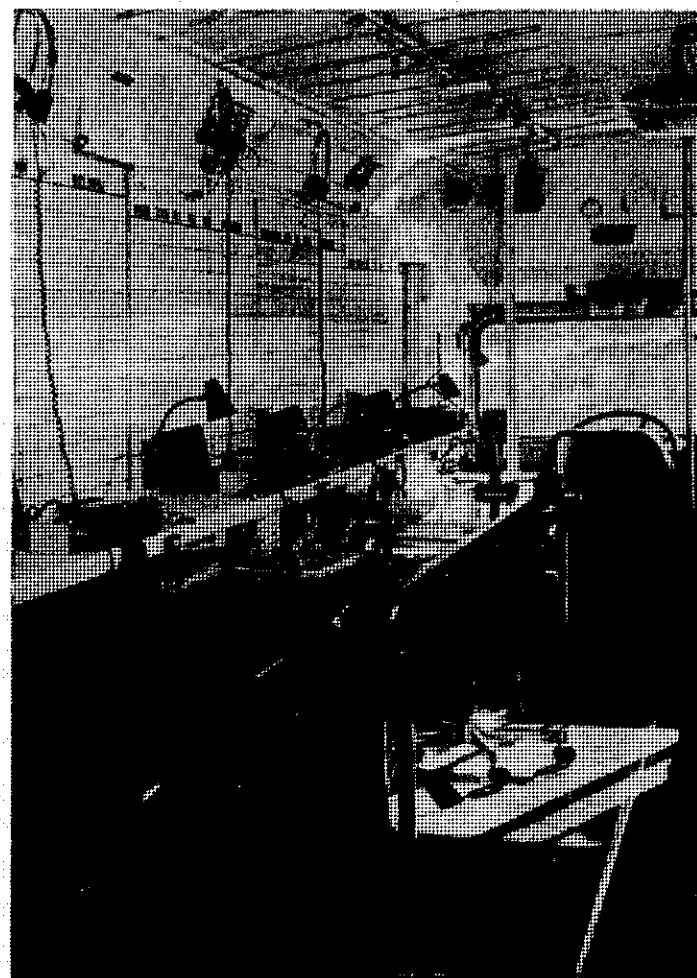
BEST DX of the weekend was 9L1US (Sierra Leone) on 20 meter phone.

Wait 'till next year!



N6IRJ at the grill. KB6IOT at the key, KB6PTA at the mic. (More photos next month)

The CDF Communications van



SCRA Flea Market September 15, 1990

The 1990 Sonoma County Radio Amateurs' Flea Market will be held Saturday, September 15, at the Holy Ghost Hall, 7960 Mill Station Road, Sebastopol. The Flea Market opens to the public at 8am, with vendor set-up beginning at 7am. There is no charge for admission nor parking. Vendors pay \$10 per indoor table or outdoor selling space. (To reserve a table, send your name, address, telephone number, table location preference (indoor, outdoor), and number of tables/spaces desired, along with your check for \$10/table/space, to SCRA, P.O.Box 116, Santa Rosa CA 95402.)

The Grand Prize at the Flea Market will once again be a 10-meter CW/SSB transceiver. Every registrant gets one free ticket; additional tickets are available for 6/\$5. There are also many other prizes, an auction, and much more.

The Holy Ghost Hall is an excellent facility, with plenty of space both inside and out. A well-equipped kitchen provides a good place for sale of refreshments. There are even some outdoor spaces in the shade, for those reserving early.

The annual Flea Market is a major fundraiser for SCRA (as well as being lots of fun). The success of the Flea Market depends on the assistance of SCRA members. Please complete the form below, and return it to Box 50, Fulton CA 95439 to volunteer a couple of hours to make this work. Thanks. -Chod Harris WB2CHO, Chairman.

Yes, I volunteer to help the 1990 SCRA Flea Market Sept. 15, 1990, as follows:

7-9am 9-11am 11am-1pm 1-3pm

Talk-in	XX
Registration	XX
Parking	XX

Refreshments

Club Table

Auctioneers XX XX

Clean-up XX XX XX

Name: _____

Callsign: _____

Phone: (w) _____ (h) _____