

SIERRA FOOTHILLS AMATEUR RADIO CLUB

NEWSLETTER

Volume 39, Number XII

December 1998

P.O. Box 1005, Newcastle, CA 95658

see update <http://members.aol.com/SFARC/SFARC.html>

At the Key



PRESIDENT

KQ6RT
Gary Cunningham
916-663-4143
glc@midtown.net

VICE PRES

KM6KV
Bill Parrish
530-878-1433
bparrish@bp700.rosehp.com

SECRETARY

WA6RWS
Richard Kuepper
530-878-6220
Rkuepper@jps.net

TREASURER

N6SHD
Dave Hund
n6shd@jps.net
916-624-0978

REPEATER INFORMATION

145.430 (-) PL 94.8
440.575 (+) PL 94.8
223.860 (-1.6MHZ)

CLUB NET

All Are Welcome To Check In
Thursdays 7:30 PM 2M
K6ARR & Club Repeater
145.430 (-600, PL 94.8)
10 Meter Net is Sundays- 7:30 PM
28.415 MHz

CLUB MEETINGS

Second Fri. of the month 7:30 PM
Auburn Library, 350 Nevada St.
Auburn, CA

CLUB BREAKFAST

Last Saturday of the month at
Susie's Country Cafe
Roseville, Hwy 80 & Riverside

BOARD OF DIRECTORS

KE6DJE	N7TK	W6LOE
Wayne Mikel	Roger Hedgpeth	Chuck Eder
916-645-0565	916-983-2912	916-966-2004
	rolifo@jps.net	

2 m NET CONTROL

WB6RBE, Dave Jenkins

10m NET CONTROL

KC6LOE, Greg Huttula

2 m OPERATORS

WB6RBE	KQ6RT	KC6LIX	KC6LOE
Dave Jenkins	Gary Cunningham	Jan Huttula	Greg Huttula

REPORTERS

Satellite
KO6TH, Greg Dolkas
DX
KN6MK, Mike Sexton

NEWSLETTER EDITOR

KC6LOE, Greg Huttula
(916) 786-3530
SFARC@aol.com

If you are interested in being a reporter for the newsletter. Contact the Newsletter Editor for more information. The pay is not so great but the benefits "wow" are incredible.

Club Meetings & Events

Dec 11 Christmas Party
Dec 26 Club Breakfast in Roseville at
Susie's Cafe

CHRISTMAS PARTY



Key News Inside

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Serving as your president this past year has been both challenging and a rewarding experience. I would like to thank the entire membership of SFARC for their support. Once again we managed to successfully support both Field Day and the Rocklin Jubilee on the same day. We all had a great time at the club picnic last August, with perfect weather and hardly any bees. We also provided services for many public events. The club has continued to grow through 1998, and I'm sure it will continue to grow further during 1999 with Wayne's leadership.



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The final event of the year, of course, will be the Christmas party. The party will be held in place of the regular December club meeting on Friday December 11, and will once again be held in the Rose room at the Auburn City Hall, 1225 Lincoln way in Auburn. The club will once again provide a turkey and a ham. Additional items will be potluck. Please help setting up or cleaning up afterward. Once again it has been an honor and a pleasure serving as your president.

73, Gary KQ6RT

SFARC Election Results CONGRATULATIONS

President	Wayne Mikel	KE6DJE
Vice President	Bill Parrish	KM6KV
Secretary	Richard Kuepper	WA6RWS
Treasurer	Dave Hund	N6SHD

Board of Directors

Roger Hedgpeth	N7TK
Gary Cunningham	KQ6RT
Evan Phillips	WB6EXQ

Good Luck & Best Wishes

General Meeting

October 9, 1998

The meeting was called to order by Gary Cunningham, KQ6RT at 1937 hours. Other officers present were VP Bill Parrish, KM6KV, Secretary Richard Kuepper, WA6RWS and Treasurer Dave Hund, N6SHD.

Gary announced that Matt was still looking for operators for the Roseville Parade. Gary was looking for operators for the Newcastle Mandarin Festival on November 22, 1998. Gary asked for input on buying a 6 meter radio for the raffle at the Christmas party. He also requested that \$325 be moved to the Christmas party fund.

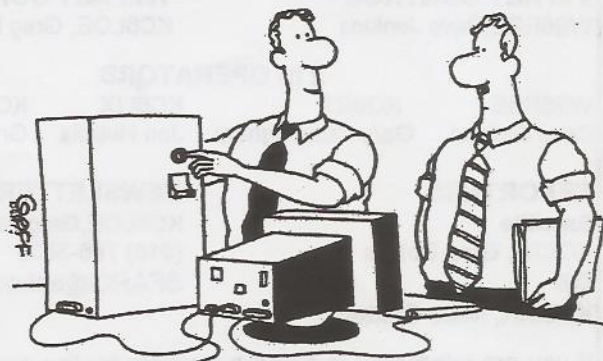
Motion by Wayne, seconded by Cameron that \$325 be moved from the general fund to the Christmas fund. Motion approved. Opposed by Bob Greenslade, W3PMP. For the party, A-Z should bring a side dish, H-L salad and M-Z a dessert.

After discussing what to have for the raffle, it was agreed by consensus to buy a 6 meter radio. Bob Greenslade suggested the raffle tickets be \$20 each to cover the cost of the radio. After much discussion a motion by Shannon Parrish, KD6CMX to sell the raffle tickets for \$1 and one extra ticket for each \$5 worth of tickets purchased. The motion was seconded by Wayne, KE6DJE. Motion approved.

A discussion was held over the dues increase and was put on the ballot. Due to the increase in the cost of the newsletter a dues increase is necessary. The board has discussed this at the last three meetings. The dues would take effect January of 1999. If the dues are paid before January 1st, 1999, it will be at the old rate of \$17. The new rate will be \$22.

Gary opened the floor for nominations for all the offices. Bob Greenslade nominated Roger N7TK for president, but Roger declined because he is on the

Continued on next page...



"See? This unit comes with a built-in aspirin dispenser"

General Meeting Minutes *continued...*

board of directors.

Elected president, Wayne Mikel, KE6DJE. Re-elected vice-president Bill Parrish, KM6KV. Re-elected secretary Richard Kuepper, WA6RWS. Re-elected treasurer Dave Hund, N6SHD. Gary KQ6RT and Evan Phillips, N6EXQ were elected to the board. Roger, N7TK is the carryover member of the board. The dues increase passed on a 15 to 4 vote. The meeting adjourned at 2045 hours.

Richard Kuepper, WA6RWS Secretary.

Merry Christmas

To everyone from the staff of the Sierra Foothill Amateur Club Newsletter. Thank you for supporting newsletter.

A special thanks to all the VE team members for promoting amateur radio through giving their time and talents to the VE program.



October 1998 the VE team gave 16 test with 8 people tested. No Testing in November

December Test Schedule

Time: 7:00 p.m.

Date: 12/9/98

Days: Wednesday

Pre-Registration is Required Fee is \$6.35

Special test needs are accommodated, e.g. in-home testing, support assistance for specific types of disabilities.

For upgrades, or questions, contact;
W6SUP Bob Metke, (916) 783-7610.

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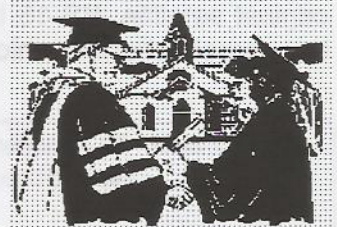
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**HAM RADIO
CLASS
UPDATE..**

Lewis Tuttle, K6UD

has decided to take a break from teaching and pursue a career in another area.

From all the members of SFARC

Thank you Lewis Tuttle, K6UD for you're many years of dedication to the teaching of others amateur radio. We will miss you. Good luck in you're new adventure.

Sierra Foothills Amateur Radio Club

WORKERS' COMPENSATION

Before asking a lawyer see this site.



<http://home.earthlink.net/~workrcomp>

SFARC

Sierra Foothills Amateur Radio Club

**December Community
Service Activities**

No requests for Club sponsored Communications assistance was received for December



SATELLITE REPORT

By KO6TH, Greg Dolkas

The recent launch of RS-18, aka Sputnik 41, gives anyone with a VHF FM receiver the opportunity to gather some space science data. RS-18 is a 1/3 scale model of the original Russian Sputnik satellite, the Earth's first artificial satellite. As with the original satellite, RS-18 has no solar cells to recharge its internal batteries, which are expected to last about a

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month. Launched on November 10th from the Mir Space Station, that means time is running out!

The satellite carries a 200mw 2 meter transmitter, set to transmit on 145.815 MHz. It is keyed on and off every few seconds, sending a sequence of voice messages and telemetry. The voice segments carry two messages in three different languages (Russian, French, and English) related to 1998's dedication as the International Year of Air and Space. There is also a recording of the original Sputnik's "beep beep" telemetry beacon. And then there's the live telemetry. The whole sequence repeats every 90 seconds. When

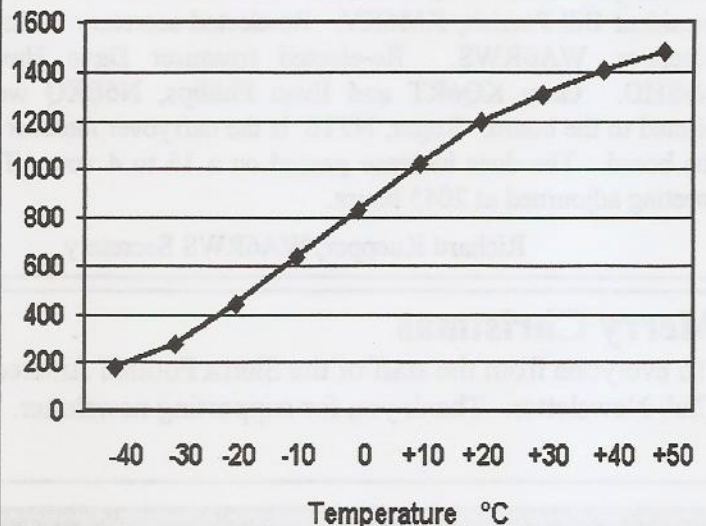
Wanted:

Junk radio parts, throw away radio's. Bits and pieces. Anything from the tube era. Also any electronic or radio books or magazines.



W6JDT, Bill Aston
(916) 652-9038

Hertz



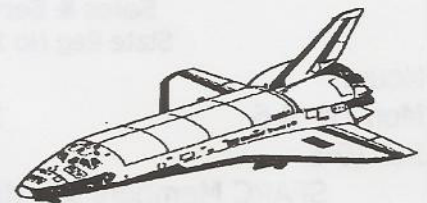
receiving the spacecraft's signal, don't forget about the Doppler Shift - start the pass a little high (say, 145.820), and end low.

Ok, so what's this "telemetry"? Well, consistent with the technology of the late 1950's (when the first one went up), it's really simple. No digital packets, no complicated modulation schemes, no multiplexed data channels. What we've got here is an audio tone, the frequency of which is related to the temperature on board the spacecraft. The higher the temperature, the higher the tone. Figure out the frequency of the tone, and you will know the temperature of the spacecraft.

So, how to find the tone frequency? There are a number of different methods, but I found that simply taking the output from my 2 meter rig into a frequency counter (part of my Radio Shack multi-meter) worked the best. Since the telemetry tone is only a few seconds long, it's best to record it (standard audio stuff - remember we're going low-tech here). Then you can experiment with recovering the frequency at your leisure. Besides a frequency meter, you can try matching it with known other frequencies, or looking at it on an oscilloscope.

Last week I measured the frequency at 1267 hertz, which means that it's in the upper 20's (centegrade - in the balmy 80's fahrenheit) inside that little sphere. A little cramped, but the view is fantastic!

73's,
Greg KO6TH



Roseville Parade

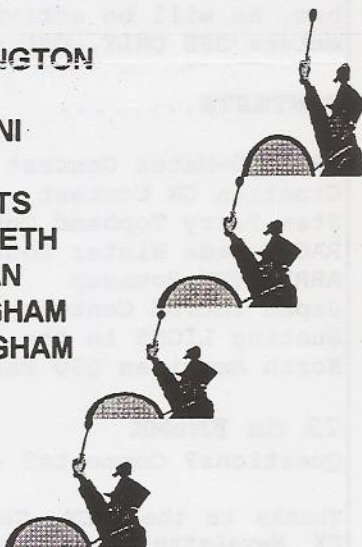
The Roseville Police Department and Roseville Chamber of Commerce wish to thank the following Amateur Radio Operators for providing radio communications for the 1998 Roseville Holiday Parade.



As always, your assistance has proven most valuable to the smooth operation of the parade. We hope to see you all again next year.

Happy Holidays to all

W6SUP	BOB METKE
K6GKR	JERRI METKE
W6RFF	JETTI HILL
WB6RBE	DAVE JENKINS
KC6RUO	MATT DIRIDONI
KC6LIX	JANET HUTTULA
KC6LOE	GREG HUTTULA
K6DGW	FRED JENKINS
N6RYO	WHITEY HUNTINGTON
KE6DJE	WAYNE MIKEL
AC6RD	DAVE PELLONINI
SWL	ERIC VINING
K6BJS	PUMA CLEMENTS
N7TK	ROGER HEDGPETH
WA6ULL	BOB BOECKMAN
KQ6RT	GARY CUNNINGHAM
KF6LXN	DEBIE CUNNINGHAM
N6SHD	DAVE HUND
KF6AYX	KEN VOGELE



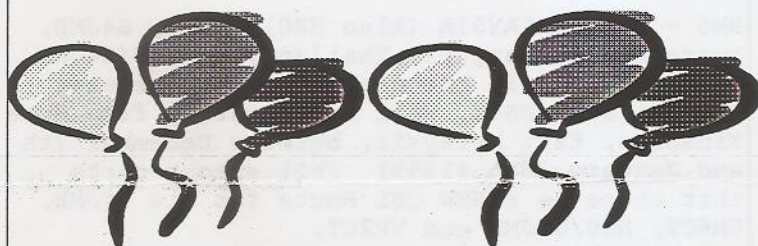
Happy Birthday



To:

JOE CHANCELLOR	KE6OPC
HOLLY DOLKAS	KE6ETT
FRANK HOGAN	W6ISX
BOB METKE	W6SUP
MARTHA VANCE	KA6WUW

THE MEMBERS OF SFARC WISH YOU A HAPPY



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Ham Swaps

- Every third Sunday of the month from 7:00 to 11:00 .
In Placerville @ 3970B Missouri Flat Rd. #3
More information talkin is 146.865 - PL 142.2
- The first Sunday of each month from 7:00 a.m. to 12:00
o'clock there is the Livermore Swap Meet @ Las Positas
College in Livermore.
More information talkin is 147.04

The second Saturday of the month from March through October there is the Foothill Flea Market @ Foothill College in Los Altos Hills

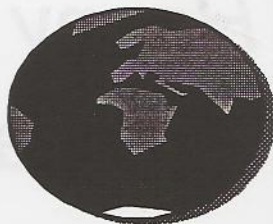
SFARC's November 28, Breakfast

At the November 28 Club Breakfast there were some members and friends enjoying the food and conversation at Susie's Restaurant.

The food is always good at Susie's. You don't have to be a member to join us for Breakfast. The next Club Breakfast is on Saturday, October 31st. It is recommended you arrive around 7:30 a.m.. Susie's is located off of Cirby in Roseville. Look forward to seeing you there.

DX...The Quest Continues

By KN6MK, Mike Sexton



3Y - BOUVET DXPEDITION! The planned operation from "the most isolated piece of land on the earth's surface" is slated for **December 1998** on the authority of the Norwegian Polar Institute. The Convention of the Conservation of Antarctic Marine Living Resources (CCAMLR) is establishing an ecosystem monitoring program and permission to land has been revoked until a management plan is in place. The South Sandwich Island DX Group is determined to continue their efforts in obtaining all necessary permissions to put 3Y on the air. Bouvet is the southern most island of the Mid-Atlantic Range. It consists of a single volcanic cone rising to an elevation of 2560 feet at Olav Peak.

9M6 - EAST MALAYSIA (Also HS0). Phil, G4JMB, currently in Bangkok, Thailand, as HS0/G4JMB and is hoping in the near future to receive the callsign HS0Z, will be operating from Kota Kinabalu, East Malaysia, between December 7th and January 16th (1999). Phil also reports that there is a NEW QSL Route for his G4JMB, 9M6CT, HS0/G4JMB and VR2CT.

FT5ZH - AMSTERDAM 1998 --> The DXpedition to Amsterdam Island is QRV. They will operate around the clock on all bands CW, SSB and RTTY as much as they can until their departure on 25 December. QSL via F6KDF.

HS98, THAILAND (Special Event). The Radio Amateur Society of Thailand (RAST) has been asked to provide back-up support to the Communications Authority of Thailand (CAT) for Telecommunications during the 13th Asian Games, December 6-20th. A nation-wide network will be set up using HF (mainly 7060 Khz SSB) plus the 2 meters band, and packet for this purpose. QSL manager is HS1CKC.

T8 - PALAU. Operators Dave KJ9I, Rudolph NF9V and John NZ9Z will be active from December 8-17th, as T88II. Activity will be 160-10 meters with a emphasis on the topband. QSL via KJ9I.

TO150 - DXPEDITION. Activity is planned on top of "Piton des Neiges", an island off of Reunion, with an altitude about 3069 meters. December 18 thru 20, look for TO150 (Tango Oscar One Hundred Fifty) to be activated by 10 operators on CW/SSB/RTTY on 160-2 meters. The special callsign is in celebration of the 150th anniversary of abolishing slavery on Reunion Island on the December 20, 1848.

VK9C, COCOS-KEELING ISLAND. Hide, JM1LJS, will be going here December 26, 1998 to January 2, 1999. His callsign will be VK9CL. Hide will operate on 80-10 meters bands CW/SSB/(FM). He states that his operating station will be a "simple system" due to the weight limit of the airplane. QSL buro.

VP8 - FALKLAND ISLANDS. Jan, K4QD, will operate as VP8CRB from the Falkland Islands for three weeks from Dec 26 to Jan 16, 1999. Jan will be assisted by Bob, VP8BFH, and Tim, VP8CKN. Operations will be on all bands and modes. Emphasis will be on geographical areas, bands, and modes that are most needed by DXers. A special callsign, VP8TTY, will be used during RTTY operations including the January ARRL RTTY Roundup. Jan states that plans for his trip are firm, tickets are in hand, most equipment is already in place or in hand, operating arrangements are made and the VP8CRB license has been renewed. QSL via K4QD.

ZS3MM. Edwin, ZS5BBO, states he will be active from the "City of Diamonds", Kimberley, December 19-24th as ZS3MM in memory of the late Bill Upton (ZS4MM/ZS3MM). Edwin states that Bill was responsible for him becoming a ham. He will be active on 10/15/20/40 and 80 meters SSB ONLY. QSL via ZS5BBO.

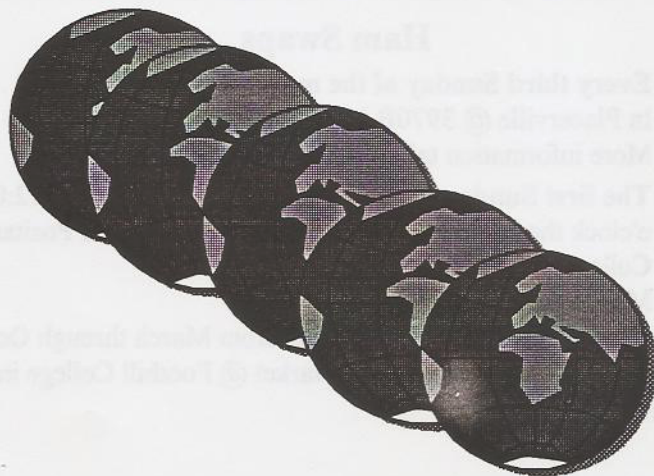
CONTESTS.....

ARRL 10-Meter Contest	Dec 12-13
Croatian CW Contest	Dec 19-20
Stew Perry Topband Challenge	Dec 26-27
RAC Canada Winter Contest	Dec 27
ARRL RTTY Roundup	Jan 2-3
Japan Int.DX Contest	Jan 8-10
Hunting LIONS in the Air	Jan 9-10
North American QSO Party	Jan 9-10

73 de KN6MK

Questions? Comments? -- kn6mk@jps.net

Thanks to the OPDX, The GOLIST, 59(9) DXReport, DX NewsLetter, DX NewsSheet for the DX info





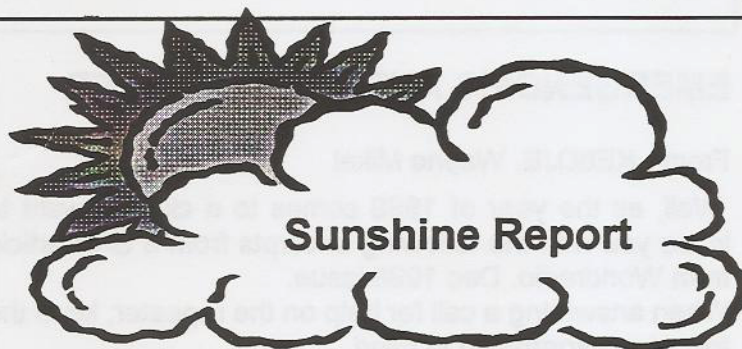
SFARC NEWSLETTER BOOSTER Club '98

Jerri Metke	K6GKR	1-98
Bob Metke	W6SUP	1-98
Bev McCune	AC6SF	1-98
Ralph McCune	AC6SG	1-98
Richard Kuepper	WA6RWS	1-98
Jan Huttula	KC6LIX	1-98
Greg Huttula	KC6LOE	1-98
Mardis Gleason	KG6LA	1-98
TJ Hossli		1-98
Greg Dolkas	KO6TH	1-98
Holly Dolkas	KE6ETT	1-98
Fred Campbell	KE6MJC	1-98
John "ED" Ahlstrom	KQ6CK	8-98
Dave Pellonini	AC6RD	3/98
Martha Vance	KA6WUW	3/98
Ken Cooley	KA6WUX	3/98
Gary Cunningham	KQ6RT	3/98
Debby Cunningham	KF6LXN	3/98
Wayne Mikel	KE6DJE	4/98
Milessa Mikel		4/98
John Ahlstrom	KD6CK	4/98
Roger Hedgpeth	N7TK	8/98
Linda Hedgpeth		8/98

Thank You, for Supporting SFARC

If you would like to join the SFARC
Newsletter Boosters Club, Contact the
Club Treasurer.

✱ = New Booster



Sunshine Report

TJ HOSSL will be going in the hospital for a heart test on Monday 12/8. We wish you well

KA6WUW, Martha Vance Is on Chemo. Our prayers are with you Martha.

KA6LNC, JOHN TIERNAN How are you doing? Did you go fishing in the Yukon Territory?



Silent Key



KI6TE, Mary Ann Simmons

Mary Ann Died November 21, 1998 in Auburn. She was 64.

She was born April 25, 1934 in Custard, South Dakota.

Most of us remember Mary Ann from her days as President of SFARC and her many years of volunteering for the sheriff departments in Placer and Sacramento counties and California Department of Forestry. In fact many of us probably worked with her during one or two of those events.

She is survived by her mother Mary; four sisters; and one brother.



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EMERGENCIES AND THE REPEATER

From: KE6DJE, Wayne Mikel

Well, as the year of 1998 comes to a close, I want to leave you with the following excerpts from a SAR article from Worldradio. Dec 1998 issue.

When answering a call for help on the repeater, keep the following information in mind.

- 1) If you are mobile and hear a call for help, wait to see if a base station is going to answer.
- 2) If you answer the call, **YOU ARE RESPONSIBLE FOR THE CALL**, and it's outcome.
- 3) Use the landline to contact 911.
- 4) Keep the other ham on the radio while you talk to the 911 dispatcher. If that is not possible, you need to get as much information as possible, such as: Name, location, type of problem, injuries, etc.
- 5) Stay on the phone with the 911 dispatcher until he/she tells you can hang up.

When the repeater is in use for an emergency all other traffic needs to stand by until the emergency is handled. Good practice for emergencies is getting in on the public service events we as a club work during the year.

Now, I know that there are many of you thinking "Why is he telling us this. We know this stuff already." This info is for the newer hams out there who have not come up on this type of problem before. I think it is worth repeating for them.

KE6DJE Wayne Mikel

SFARC WEB SITE UPDATE

After months of consideration and arguing with the Internet Service Provider the decision has been made to delete the SFARC web site from the World Wide Web. Some of the problems included graphics not being included with the publishing of the site, formatting of paragraphs was lost when the site was published by the ISP. We have tried the ISP's web site making program with no satisfactory results many programs still existed. We are sorry for any inconvenience this causes anyone. Thank your for supporting SFARC@AOL.com.



SFARC CHRISTMAS PARTY

The party is
Location is

Friday December 11, 1998

Auburn Rose Room

1225 Lincoln Way

Time 7:00 P.M



What to bring;
If your last name begins
with the letter

A-G bring a side dish

H-L bring a salad

M-Z bring a desert

The Club will provide Turkey and Ham
you will need to provide you'r own eating
utensils.

Grand Prize: Alinco DR-MO6TH six me-
ter fm mobile transceiver.

Tickets \$1.00 each with one free ticket
for every five tickets purchased!

RSVP Gary at 916-663-4143

