

Scope

146.73-, 147.13+, 147.075+, 447.000-, 52.68-; Pkt 146.7-, 145.05

Mar
'02
pg.1

Palomar Amateur Radio Club Inc.

also ATV &
4 Autopatches

Scope (USPS #076530) Vol. XXVIII No. 3, Mar 2002, published monthly by PARC, 1651 Mesa Verde Dr., Vista, CA, 92084. Periodicals postage pd. at Vista, CA 92085.

Dues \$12/yr or \$21/family/yr (includes newsletter subscription)

Editor: Ron Surfield NA6RS, 2605 Emerald Pl., Escondido CA 92027

POSTMASTER: Send address changes to SCOPE,
P.O. Box 73, Vista CA 92085-0073.

Send \$12 Dues To:
PARC, Box 73
Vista CA 92085-0073

See pg. 8: PARC Frequencies, Club Officers, and PARC Nets.

Club Meeting

Mark Raptis KF6WTN@amsat.org
(Meetings are held the 1st Wednesday of each month at the Carlsbad Safety Center in Carlsbad at 7:30 p.m. although most come at 7:00. See map on page 12 for directions -Ed)

Coming Events

Mar 6, Wed - Club meeting, program
Mar 13, Wed. - Board meeting
June 22nd & 23rd, Field Day.

The new Field Day rules are already out. You can go read them on the ARRL web site.

Goodie Table

Many thanks to those who provide goodies and that well needed coffee at our meetings. Your names were absent this month, but your service is really appreciated by our members.

New Editor!

It is with *great pleasure* that the PARC Board Of Directors announces that NA6RS (Ron Surfield) *volunteered for the position of Scope editor.* (And we didn't have to twist his arm much either!)

Those of you privileged to know Ron are well aware of the diligence and competence he brings *to everything he does!* Ron will grace us with experience he has from editing other newsletters, and a drive

to serve and make things happen.

I ask each of you who has a chance to meet Ron to express your appreciation for his voluntary acceptance of the editor position, and thank him for taking on the responsibility of keeping Scope a fine newsletter, and a *focal point for Club activities.*

Again, *Thanks Ron!* 73 de NN3V

March Agenda

Ed Clark of NOAA will be speaking on the Skywarn program of volunteer weather-spotters. It should be an interesting meeting as it pertains to using ham radio.

President's Message

Charlie Ristorcelli NN3V@amsat.org

Greetings to all! It is March, and time to look forward to warming days, and good contests including great DX opportunities. *Have you been on HF lately?* I have some reflections to share with you. "Little" things, mostly mental notes of day-to-day ham radio hobby "happenings", many courtesy of comments and observations during the commute repeater discussions.

Repeater Etiquette:

When a ham signs off the repeater, as in

"...73 de NN3V, off and clear", *it means he or she is clearing the repeater.* It is impolite to call them again (especially by someone who was not in the roundtable conversation) unless there is an emergency.

When a roundtable is ongoing, it is impolite to break in, ask to talk with one of the roundtable members, and then establish a one-on-one conversation! If you have a need to talk with a member of an ongoing roundtable (other than for a very brief comment), break in, and ask the other ham to QSY to another frequency, and *leave the roundtable so that it may continue!*

On the humorous (and probably argumentative side of the hobby) there is no need to add an "s" to 73 (as in 73s)! That's because 73 means, "best regards", and when you say 73s, you are really saying "best regardseseses..." I am aware however, that there is no FCC rule against adding an "s" to 73! That's my story and I am sticking to it *HI HI :=))*

E-mail practice:

Ever wonder why email addresses are not simple? Ever wish that "Joe's email address" were not something along the lines of bellyfloppingbigmomma@obscurelink.com? Joe might really like that special email address, but let's face it, Joe is *skinny and doesn't conjure the image of a belly flopper!*

Well, you can have a simple email address for your ham related email. An email address that all your ham related friends can remember easily! And, you can also *keep that special email address*

only you love, and it is free!

Log on to the AMSAT web page (www.amsat.org) and **register your call sign** for forwarding to your special (or regular non-ham related) email address! The service is FREE, and you too can have a my-call@amsat.org email address.

Then we will be pleased to hear you on the repeater when you say "...you can send me email at mycall@amsat.org". **And we will remember your email address!!**

See you at the Club meeting, and don't forget to come out early and join the crowds having dinner in the Carlsbad area!

Field Day Planning

It is time to start planning FD!

We expect this year to see some changes to past FD rules from ARRL, and perhaps PARC habits as well.

What would you like to do for Field Day this year?

Want to do something really different? Want to enjoy a great cookout while FD is going on? Want to see FD held someplace else (and you have a suggested location and are willing to secure the place?)

Send comments and suggestions to NN3V@amsat.org, or joint the Board Of Directors Net and give us your opinions.

Ahhhhhh...change is so painful! But it can be fun too!!

New Ham Net

The PARC Board Of Directors now runs a net **immediately after the monthly Board meeting**. The net can be heard on the 146.730 MHz repeater, starting at 9:00 PM on the second Wednesday of every month.

Purpose of the net is to discuss Board actions and topics, and to solicit comments from the Club members (and any licensed hams who can access the repeater) about ways PARC can be more relevant to San Diego county hams.

So join the Board net this coming Wednesday March 13th.

A LEARNING EXPERIENCE FOR ALL

In the Forties of the previous Century a theory to explain why things happen was called "Theory of the Universal Principal of Perversity" The classic proof of this theory was given to the probability that buttered bread, when dropped, would land on the floor with the buttered side up approached zero, and even less when peanut butter and jelly have been added. Other observations include wires and cables that always seen to intertwine themselves in to a hopeless tangled mess, the stalled engine that will not restart because the gear selector is still in drive, or the service call to find the equipment is either not plugged in or misadjusted.

Amateur Radio is not exempt from this theory and the inadvertent key up by microphones that some how manage to switch our transceivers to the transmit mode without human intervention, in a manner to embarrass the owner of the equipment, and leave the owner at a loss to explain what happened prevails. If it has not happened to you yet it is only a matter of time, as this one is the most universal proof of the theory that can happen to a Radio Operator. Ash trays that conveniently hold microphones, an HT on the seat, VOX left on, desk microphones and pets, etc all contribute to this theory.

On Sunday February 9th of this year the planets were in alignment, a major fire in the Fallbrook area, a need for a repeater for ARES/ Red Cross and a failure of our 146.730 repeater. I observed that the 146.73 was inoperative at 11:00 PM, tried several control functions and concluded that we had an equipment failure. Mike, AB6QT independently made several tests and made the same conclusion. Monday morning Mike visited the site, determined that the controller was not responding and that the transmitter could only be keyed up manually. Monday evening he returned with equipment for further testing and to his surprise found that the controller was not responding because of a signal on the input. This is not suppose to happen, but the "theory" got both of us on this one! Monday night our Son was visiting us and I didn't get Mike's message describing the problem until 8:30 PM. I checked the input (146.130) and found a S7 signal. Tests here showed a consistent bearing towards Oceanside using a HT and a 3 Element beam from several locations at my house.

After dinner I reached Mike by phone and he had a bearing of due West from his house. I also had Gary KE6JUV check the input from his remote base on Heaps Peak. No signal was heard there, confirming that the offending transmitter was in the San Diego County area. The signal was unusual in that it had a ear-splitting tone on similar to a tone used for testing a receiver with a signal generator.

I gave the information to Charlie, NN3V about 9:45 PM and he sent out E-Mails to several members in Oceanside. About 10:15 PM Ted, KD6AKT and Charlie came up on the 147.075 repeater and Ted indicated a strong signal on his HT with a paper clip for an antenna. He had tried to null it out using a Yagi antenna on his base station, but the signal was too strong to obtain a Bearing. Ted then using his body as a shield got a bearing from his front yard. I continued to listen on 147.075 for Ted's updates on the progress. Ted decided to go over to Fred's house, K6ISS as that was the direction the signal was coming from. After prying Fred from watching the Olympics, and confirming that the signal was not coming from Fred's equipment, Fred decided to join Ted in the search. They found a Street that the signal was even stronger than it was at Fred's house. Ted suggested that (call sign) lived on that street. I brought up QRZ on the internet and looked up that address, Ted and Fred proceeded that direction. The signal began to decline. Fred suggested that I do a search for Amateur's on that street. Great, now how do I do this? Ted and Fred turned around and headed the other way on the street as I fumbled my way through the QRZ site. Ted and Fred had found an intersection where the signal peaked and I found four Amateur's that lived on this street. The first one listed that I tried, was three houses from the intersection and Ted reported signals so strong that his HT was full scale with nothing in the antenna jack. Fred decided to go to the door and awakened the embarrassed Amateur, who then turned off the offending transmitter. The street, name, and call sign, were omitted in this article to protect the Amateur from further embarrassment.

It was now 11:00 PM, the hounds had the fox, and I turned on the repeater.

We learned! Boy did we learn. Mike and I learned that the repeater controllers are not

reliable, and there is no substitute for checking the input, but we might not always hear a signal from our location on the input, that the repeater hears. This controller was a replacement for an earlier controller that did the same thing but after the timer overflowed it locked the repeater on! This controller is at least better behaved. Ted and Fred learned to direction find using the methods taught by Stan, W9FQN at the PARC Picnic's. I also learned the power of QRZ in this case and all of us learned the value of teamwork and the collective knowledge of several Amateur's making this a easy problem to solve. I was much more effective staying behind and being on the Internet than going out to join Ted and Fred. Fred knew the Amateur who's transmitter was keyed and knew that he wasn't risking his life by knocking on the door at 10:57 PM. only because of my search on QRZ.

Many Thanks to Mike, AB6QT for discovering the problem, Charlie, NN3V for his efforts in getting help to find the transmitter, Ted, KD6AKT and Fred, K6ISS for finding the transmitter.

Art, KC6UQH

FALLBROOK FIRE

The first wave of emergency traffic was handled on the Fallbrook Amateur Radio Club repeaters on 146.175 and 445.600 MHz. (The machines are tied together so anyone coming in on one repeater is re-broadcast on both repeaters - a redundant system of sorts.) Amateur radio operators were posted at key points in the community during the emergency, including the fire department, the sheriffs department, the hospital and the evacuation centers for people and animals. Some operators provided mobile communications for animal rescue operations. While hams provided some fire and logistics information, they specialized in evacuation matters and health and welfare traffic in conjunction with the American Red Cross.

PARC Appreciated ...

The Fallbrook Amateur Radio Club extends its sincere appreciation to each and every ham operator who contributed his and her time and effort to this community emergency. Many came from afar. The list of operators participating on February 10, as provided by Net Control, is as follows:

- '6ACD, (name and call prefix not logged)
- WD6AHW, Bill
- WD6AHX, Wayne
- KF6AJM, Chris
- WD9BBC, Don
- KB6CPZ, Frank
- WD6DIJ, Bob
- KE6EKY, Fritz
- KE6FHS, Joel
- KF6GOF, Norm
- KF6GOY, Sue
- KG6HSQ, Ron
- AB6IH, Peter
- KF6JXT, Scott
- KF6LFZ, Alonso
- W6LKK, Erich
- KC6MIE, Stephen
- KB6NMK, Jo
- KJ7NT, Jim
- N6OX, Bob
- K3PXX, Terry
- W6S JL, Paul
- KD6UAK, Randy
- KF6UFZ, Dan
- W6VR, Bob

N6VXM, Arnie
KD6YEI, Jess
N6YMH, George

Special thanks are extended to Chris Durso, A4CD, who deigned and built the Fallbrook Amateur Radio Club's dual repeater system.

The voluntary, non-profit basis of amateur radio has proven its worth once again.

Best 73, Bob Gonsett, W6VR

WELL DONE ARES

I wanted to convey my sincere thanks from the ARES Team for the use of your superb repeaters this last weekend during the Fallbrook fire. The coverage of your machines into the North County is excellent and allowed all amateurs involved in disaster communications reliable and consistent coverage with the field units, shelters and Red Cross Headquarters in San Diego. While ARES owns no repeaters of it's own, it's dedicated clubs like yours that have the resources to construct and maintain repeaters that are so instrumental in emergency communications. The use of your club's assets to assist in times of crisis like this is greatly appreciated not just by us hams, but to the served agencies and people for which we are there to help! Please pass to all your members in the Palomar Amateur Radio Club, **WELL DONE** and **THANK YOU!**

Best 73, Kent, K6FQ 619-575-1964

San Diego Section Manager

Treasurer \$\$, \$\$\$	
Jo Ashley	KB6NMK @amsat.org
ASSETS	
Cash and Bank Accounts	
876-1216457-6	2,512.11
876-1216625-9	2,664.04
876-1216778-6	2,638.22
876-1391556-4	3,188.83
Ckg 0682 010566	4,280.67
Post Office	103.63
TOTAL Cash and Bank Accounts	15,387.50
TOTAL ASSETS	15,387.50
LIABILITIES & EQUITY	
LIABILITIES	
Pre-paid dues	8,824.00
Prop. Insurance	600.00
TOTAL LIABILITIES	9,424.00
EQUITY	5,963.50
TOTAL LIABILITIES & EQUITY	15,387.50

Last Month's Fold & Staple Crew	
KC6WAN Ralph	K6ML Jim P
KG6AEW Bill	KB6NMK Jo
N6UZH Terry	MY2KD
WA5ACE Sonny	W6GNI Al
KB6AEW Anita	KB6YHZ Art

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Model BA-8 (for RG-8, RG-213, 9913 and similar cables up to 1/2" diameter. \$15.00 + tax + \$6 S&H/order

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See catalog at www.Palomar-Engineers.com

Please check our complete ads in **QST**, **73**, **CQ**, and **World Radio** magazines.

Ham Radio Legislation

Those of you who follow ham radio affairs in general know that the ARRL petitioned the FCC to take another look at the restrictive CC&R rules that are affecting our hobby, by frequently preventing even moderate antenna installations.

A recent decision by FCC again ruled that ARRL should take this issue to the Congress, essentially dodging the bullet once more time. In it's decision, the FCC stated *"...there has not been a sufficient showing that CC&Rs prevent Amateur Radio operators from pursuing the basis and purpose of the Amateur Radio service"*

Hmmmm...tried to put up an antenna lately?

In an indirectly related matter, during President Bush's recent visit to the State Of Florida, he and his brother (the Florida Governor) addressed Florida hams through a link-up of repeaters and ARES services across the state, congratulating and thanking hams for their volunteer services, and service during the November 11th. terrorist attacks. During the session, the Florida

ARES managers presented a petition to the Governor and the President for consideration of ham radio services, and the need for easing of antenna regulations in order to ensure hams were capable of continuing our service capabilities in support of emergency relief, and homeland defense actions.

I urge you to communicate your desires in these matters to our elected representatives in the U. S. Congress. Your Senator contact information may be found at www.senate.gov/contacting/index/cfm. Your Representative contact information may be found at www.house.gov/writerep/.

73 de NN3V

NEW MEMBERS

AC6WY, KB6YNL, KC9AGO, KG6HWS, KG6ERS, KG6ERR, and KO6CR.

When you hear these calls on a repeater, greet our new members.

Please check your label for information on when your membership expires.

Also, from time to time, there will be an extra line with other information. Last month, we printed the e-mail addresses that we have in the data base. Several members have sent corrections in e-mail addresses to help update our records. Thank you.

Again, I plead with all that move or change address, Please let us know.

The Post Office charges us \$.60 each time we get a SCOPE back, or get advice that it was forwarded.

73 and Thank you.

Al W6GNI

Committee

4

Chairmen

ARESinfo. -Dennis S	K7DCG@amsat.org
Attendance -Al	W6GNI@amsat.org
ATV -Bills KB6MCU	W6GIC@amsat.org
Auction -Jim C.	NE6O@amsat.org
Badges new -Al	W6GNI@amsat.org
Batteries -David KD6EBY	DAT@Gerry.Palomar.caltech.edu
BBSMonitor -Bill B	N6FMK@amsat.org
Billing:Ads/etc-Lyell K	K6GVM@arrl.net
By-laws -Paul NN6X	pdecicco@pondlaw.com
& -Ron RWA9JCL	r3mb@concentric.net
Contest Info -Dennis V	N6KI@amsat.org
ControlOps. -filled	W6NWG@amsat.org
D.Mar Fair-	
Emergency QTH's (Emergency Com. Centers)	
HarryH -W6YOO	W6YOO@amsat.org
DennisV -N6KI	N6KI@amsat.org
Field Day -Charlie R	NN3V@ARRL.net
FDTech. -John K	WB6IQS@Juno.com
Historian -	
Interference -Bills KB6MCU	W6GIC@amsat.org
Inventory -Dennis B	dennisKD6TUJ@juno.com
MtgGoodies -Jim E	W6SST@juno.com
Membership -Al W6GNI	aldonlevy@juno.com
Nets -	
Newsletter -	
PALBBSpkt -Bruno H	KF6QDP@amsat.org
Patch Info -	
PatchETronics-Jerry H	WB6FMT@amsat.org
Picnic -PaulD	NN6X@amsat.org
PowerAC/DC-Mike P	KD6VHI@amsat.org
Programs -Charlie R	NN3V@ARRL.net
Publicity -Fred S	K6ISS@amsat.org
QSL Cards -Merle R	KR6BT@Juno.com
RACESinfo -Jo A	KB6NMB@amsat.org
Red Flag -	W6HCD
	NashWilliams@Compuserve.com
Rptr Site -	
Rptr Skeds -	
SANDARC -	
SellerTable -John K	WB6IQS@Juno.com
AstSWDivDir-Walt	WA6ODQ@arrl.net
TechSite -Mike D	AB6QT@amsat.org
TestingVE -Rusty M,	DuneDancer@worldnet.net
Training -	W6NWG@amsat.org
TrusteeW6NWG-Mike D	AB6QT@amsat.org
Web Site -Frank L	KE6WOE@amsat.org

(Net Managers) (see pg.12)

ARES Sun -	
Staff Net -David D	KC6YSO@amsat.org
ARES 6m -David D	KC6YSO@amsat.org
Ham Help -David D	KC6YSO@amsat.org
Hiking -Ed	KF6DXX@Juno.com
-Glenn P	KE6ZLY@Juno.com
MARA -Cathy KE6IQU	W6NWG@amsat.org
Microwave -Kerry B	N6IZW@qualcomm.com
Off Road -Jerry A	jwak6pfp@cts.com
-Dick W KA7AYT	rwilimek@home.com

Sailors -
Traffic(SDCTN)-Charles**N6TEP** **cmiele@juno.com**

Questions about club policy or for information can be addressed to **W6NWG@amsat.org** or P. O. Box 73, Vista, CA 92085-0073.

For Sale

(2.18) **KLM 34A Antenna**, 2 yrs. Since complete rebuild, replaced with newer model \$150, **Hi-Gain DHX6**, free for pickup, **17 mtr. Beam**, \$75, **Mosley PRO 57**, 5 band beam, \$100, **6BTV Hustler** \$50, Estate sale for **N6SMB**, **5BTV Hustler**, \$40, **Yeesu 150w Tuner**, \$50, **2m BRICK**, fm 50w, \$50, **Hallicrafters S120** receiver, needs work, \$25, **KDK FM 2015R** mobile, \$50, **HEATH RF Sig. Gen.**, \$25, **300W Dummy Load**, \$20
Ron , na6rs@amsat.org or 760-822-5170

(2.18) **ICOM IC-T81A HT**, (6m, 2m, 440, 1.2G), extra battery, software, and cable. \$260 Dave, KF6FA 909-677-2446 or kf6xa@qsl.net

(2.18) **ICOM IC 271A 2 Meters** All mode transceiver w/built-in Icom P.S. and pre-amp. \$300 ICOM IC 471A 400 MHz. All mode w/built-in P.S., one owner \$300, TE POWER AMP model 1412G 0-30 IN, 160w. Out. W/pre-amp. \$150 3 CDR Rotors, light and heavy duty, make offer. Bayard K6GAO 858-755-5507 or e-mail rehkopf@mail.sdsu.edu.

(2.18) **57 ft. Tower**, 2 section w/tile over, make offer, **GenRad Counters**, 30 Mhz. Models 1192 & 1192B \$25 ea. AB6QT, 760-742-1573

(12.11)**CW KEYER MFJ-401D** less than year old includes pwr adapter & manual \$35: Bernie N6FN 760-781-5522Wk, 760-

Personal equipment ads are free to members and could be "bumped" after 3 months. Make up your ad like the ones on this page. Send to Editor before the 20th of each month.

Commercial Ads in big boxes: \$2/col. inch/mo. We will "squash" your copy to the number of inches bought.

Editor: W6NWG@amsat.org

746-7411Hm.

(12.11) **Drake Communications Receiver Mod 2-B** \$100; Calrad SR-16 SWR bridge \$10: Ruth 760-727-3178 Vista.

(11.20)**Ten-Tec HF Corsair** 80-10m w/pwr sup \$300; **Kantronics KAM** + cables, Hostmaster II + Pactor \$100; **Yeesu FT227R** 2m Memorizer \$30; **Icom IC25H** \$30; **Isopole** ant \$10; **G5RV** full size 80-10m new \$30; **HP Deskjet 660C** printer \$40: Max KB7RNP maxkb7rnp@aol.com 909-696-8495.

(11.19)**10m 4el beam** SS hardware asking \$75; **13el 2m beam** SS hardware \$30: Bayard K6GAO 619-594-6063 days or 858-755-5507 nights.

WANTED:

(01.19) Wanted: Kenwood TS 530, good condition only. Contact: Orly at orly42320@aol.com

(10.22)Need diagram of Tempo-1: Fred

Brown fwb@cts.com Palomar Mt.

(8.26) Wanted Heathkit Apache transmitter and Heathkit Mohawk receiver: Hugh K4ESQ via W9FQN@Juno.com

NOTICE

Items for sale and wanted notices should be sent to my email at na6rs@amsat.org no later than the 15th. of the month. To make the text directly transferable by me, please make the following changes to your to your e-mail program. If you are using MS Outlook or Outlook Express.

1. Select Tools
2. Select Options
3. Select Tab [Send]
4. Under mail sending -Select HTML

This takes the carrots (>) out of your message and makes it easy to copy.

Thanks, Ron NA6RS

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Ron
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Astron,
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TEN-TEC
hy-gain, Tri-EX,
cushcraft
and
others too
numerous to
mention!

n
d
un
sss

Drop in to see our display of working equipment.
Find out about Pkt location determining equipment (APRS).
Check our complete line of magazines, ARRL books, license manuals, and Bulletin Board with all sorts of goodies listed.

Directions: On 163, take **Clairemont Mesa Blvd.** off ramp to East. Stay in right-hand lane. Turn right at stop light. As you are turning right you can see our beams in the shopping center. Travel 100 yds. on Kearny Villa Rd. and U-turn back to shopping area and **HRO** sign. Be sure to see our equipment in action on **real** antennas.

Repeater Status 12.16.01

146.730+ : **Normal**
 147.075- : **Normal ?**
 147.130- : **Normal**
 447.000- : **Normal No patch attached**
 52.680 : **Normal?**
 146.700- : Packet Repeater **Normal**
 145.050s : Packet Digi **Normal**
 PALBBS : Bulletin Board **Normal**
 AutoPatch: **Normal** except for 447.000
 ATV : Operational

Work Parties

Technical, autopatch, repeaters, etc:

AB6QT@amsat.org (Rptrs); W9FQN@amsat.org (autopatch/work parties)

W6GNI. Club membership is at 515 members, with 483 Scope subscriptions.

Secretary's Report

KB5MU circulated copies of the minutes of the January meeting. **Motion** by AB6QT to approve the minutes. **Seconded** by KF6WTN. Motion **passed** unanimously.

Board Member Status

NN3V stated that he had received and accepted the resignation of W9FQN from the Board of Directors. There is now a vacancy on the Board, which must be filled from the (vacant) chairs of the standing committees.

Repeater Event Usage Policy Status

KB5MU stated that the ad hoc committee to revise the club's policy document for occasional organized users (such as emergency drills and public service events) had not yet begun work.

Repeater Site Chairman Search

AB6QT stated that he had enlisted KC6UQH and WN6K, both past Presidents of the club, to assist him in defining the duties that have been performed by the Repeater Site Chairman. They are scheduled to begin work with a teleconference on February 19, and hope to be able to present their recommendations at the next Board meeting, and to begin the search for a volunteer (or more than one) to assume the duties.

Club Web Site

NN6X stated that the new Club web site is up and running at <http://www.palomararc.org>. He doesn't expect to be doing any major revisions to it in the immediate future. NN3V praised the web site and stated that he had heard many favorable comments about it.

Scope Status

NE6O stated that the February Scope was published on schedule. AB6QT stated that it looked "pretty darn good". The Board established the following

Minutes

Palomar Amateur Radio Club, Inc. Board of Directors

February 13, 2002

President Charles Ristorcelli, NN3V

Vice President Mark Raptis, KF6WTN

Treasurer Jo Ashley, KB6NMK

Secretary Paul Williamson, KB5MU

Director #1 Paul DeCicco, NN6X

Director #2 Jim Cooper, NE6O

Repeater Technical Chairman Mike Doyle, AB6QT

Visitor Merle Risdon, KR6BT

Visitor Ron Surfield, NA6RS

Treasurer's Report

KB6NMK circulated copies of the Treasurer's Report. **Motion** by KF6WTN to approve the Treasurer's Report. **Seconded** by AB6QT. Motion **passed** unanimously. KB6NMK stated that last month's balance sheet was off by about \$3000, because of a CD that had matured but not yet been credited to the checking account. The current balance sheet is correct.

Membership

KB6NMK presented a verbal report from

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schedule for publication of the March Scope:

Closing date for submissions:

February 18th. (one week before printing)

Camera-ready copy to the printer:

February 25th.

Delivery to the Post Office:

February 27th. (one week before meeting)

KB5MU agreed to publish these dates on the web site.

New Scope Editor

NA6RS was present as a prospective new Scope editor. He asked some questions about procedures and policies. NN3V and the Board assured him that he would have free reign to edit the Scope as he saw fit. KB6NMK explained the Post Office requirements regarding minimum editorial-to-advertisement ratios. After a suitable amount of arm-twisting, NA6RS agreed to accept the job. NN3V appointed NA6RS Editor of the newsletter. **Motion** by KB5MU that the Board approve this appointment. **Seconded** by NE6O. Motion **passed** unanimously.

NA6RS agreed to begin immediately with the March issue of the Scope. He asked that submissions for the Scope be sent by email with the word "Scope" in the subject line. AB6QT suggested that the email contain just one item, verbatim as it should appear in the Scope.

Participation Points for Net Control Operators

NN6X stated his legal opinion that accepting participation points did not involve a pecuniary interest, so there should be no legal problem for the club. W6GNI was not present to report on his investigation of the existing written policy, so the details could not be resolved and the issue was again tabled.

Interference Resolution

NN3V told the story of how KD6AKT and K6xxx helped to track down a stuck micro-

phone at an amateur's house in Oceanside, which had been jamming the 146.73 repeater during the Fallbrook fire emergency on February 11.

Club Meeting Program

KF6WTN stated that the program for the March meeting would be Ed Clark of NOAA speaking on the Skywarn program of volunteer weather-spotters.

SANDARC Report

NN3V stated that he had received a report on the SANDARC meeting from W6GIC. The report stated that "nothing in particular was discussed."

Club QSL Cards

KR6BT, who responds to QSL cards for W6NWG, showed samples of the existing QSL cards, which have to be altered to correct the club's address. The Board authorized him to print up some new ones. KB6NMK offered to provide the camera-ready artwork.

Repeater Technical Report

AB6QT stated that he had received the new crystals for the 447 MHz repeater. These crystals will be used to change the frequency mixing plan in the repeater's receiver, in hopes of avoiding interference from the autopatch link transmitter.

AB6QT recommended that the club purchase two circulators, one for the 447 MHz repeater and another for the autopatch link radio. These circulators will reduce the potential for interference problems, and they will protect the transmitters from potential damage due to problems in the antenna systems. No specific pricing information for the circulators was available. **Motion** by KF6WTN to authorize up to \$250 to purchase one circulator for the 447 MHz repeater, and a second one for the autopatch link radio if possible for that amount. **Seconded** by KB5MU. Motion **passed** unanimously.

AB6QT stated that he and KB5MU had measured objectionable ground currents at the site, but had found no specific cause as yet. The next step will involve unplugging each piece of equipment.

Next Board Meeting

The February meeting of the Board will be held at 7:00 PM March 13 at N6EO's house, 2012 Applewood Lane, Vista, CA.

Adjournment

The meeting was adjourned at 8:35 PM.

Respectfully Submitted,

Paul Williamson, KB5MU
Secretary

HELP!

Stories needed

If you have an interesting story or an article that you would like other members to see, please send them to your editor by the 15th. of the month at na6rs@amsat.org. Please format in 10 pt. for drop and paste, and send as an attachment to your email to me. When I supposedly volunteered for the position of editor, I informed our fearless leaders that I didn't have time to be a reporter also. Besides, it is your newsletter! We have such talent and variety in our club that it would be a shame to not tap all of it. Your Editor, Ron NA6RS

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PARC NETS (06/01)

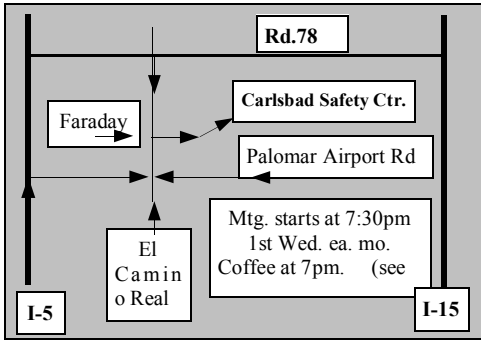
All 147.075 10-11pm MCW contacts
 All 147.130 2200+ pm Facitious Group
Sun. 146.730 8:30am AREmergency Service
 Sun. 146.730 10:00am Sunday Sailor's Net
 Sun. 147.075 8:45pm MARA Net
Mon. 146.730 9:00pm Microwave Net
Tue. 146.730 8:00pm Traffic Net (SDCTN)
 Tue 146.730 9:00pm Off Roothing Net
Thu. 146.730 8:00pm Traffic Net (SDCTN)
 Thu. 146.730 9:00pm Ham Help Net
 (electronics, computers, antennas, license theory, etc.)
Fri. 146.730 9:00pm Hiker's Net
Sat. 146.730 8:00pm Traffic Net (SDCTN)
 Sat. 52.680 8:00pm 6m ARES Net
 "other non-PARC nets"
 Convair/220 Club: 224.900 PL 107.2 Hz
 Mon 8:30pm, Tech. & News
 Fallbrook ARC: 146.175 + PL 107.2 Hz
 Tues 7:00pm, General Discussions

POSTMASTER:
 Send address changes to
 Scope, P.O.Box 73, Vista, CA
 92085-0073 (also on page 1)

*Time Dated
 Material*

MAR
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 pg.8

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PARC Web Page (KE6WOE)

<http://members.home.net/parc/>

OPEN Repeaters/CLOSED Patches

Palomar Mt. Repeaters (W6NWG)

PARC Trustee of W6NWG: **AB6QT**

***52.680**- W6NWG, -0.5 MHz

Autopatches(4): **146.730-**, ***147.075+**
 ***147.130+**, ***447.000-**

PKT: 145.050s (PALMAR/W6NWG-1)

146.700-(Duplex Pkt) PALBBS/EMG use

145.070/146.7- (W6NWG-3/PALBBS)

ATV "OUTPUT": **1241.25** MHz AM

ATV "IN": **915**wbfm, **919**am,

2441.25wbfm

Intercom: **146.415** PL 79.7 nbfm

Affiliated:

***224.38-** & ***224.94-** KK6KD (HARS)

***447.05-** & ***145.26-** KK6KD (HARS)

***146.175+** N6FQ(FalbrkARC) linked
 to ***445.600** MHz (-)

***224.90-** WD6HFR (Convair/220 ARC);

446.14- WB6FMT(123.0)Vista;

*=107.2 Hz

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Web Pages

PARC's Home Page - KE6WOE

<http://members.home.net/parc/>

Rod's General Home Page - AC6V

<http://ac6v.com/>

ARES Alert Publication

<http://www.qsl.net/sdgarri/alert.htm>

Tom's Hiker's Home Page - KF6PAZ

<http://www.fanciful.org/san-diego-hiker>

PARC Testing - tests given each 2nd Saturday at 9:30 am in the Carlsbad Safety center in Carlsbad. Contact Rusty **AA6OM** at 760-747-5872 or at **DuneDancer@worldnet.att.net**

Register 5-7 days in advance for tests.

Escondido Testing - examinations on the LAST Saturday @ 9:00am, Chamber of Commerce, 720 N.Broadway, Esc 92025. Contact Harry **W6YOO** 760-743-4212.