



# Palomar Amateur Radio Club

## September 2002

### September Meeting

Meeting will be at the Carlsbad Safety Center on Sept. 4, 2002 starting at 7:30 pm. Come early to visit friends and buy stuff. The table fills up early.

### PARC Repeaters

Palomar Mt. Repeaters (W6NWG)

PARC Trustee: AB6QT

\*52.680- W6NWG, -0.5 MHz.

#### Autopatches:

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, 2441.25 wbfm

#### 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. PL Tone

### President's Message.

#### Labor Day weekend already!

The summer is over, and the kids are back in school. Daylight gets shorter each day, and that means we can return to the ham bands in the evenings, since there is little else to do!!

**It must be PARC annual picnic time again! Sunday, September 29<sup>th</sup> at Lake Dixon. Come ready for prizes and for the 2<sup>nd</sup>. Annual PARC Chili Cook Off!!**

Did you have fun at the Southwest ARRL convention? Was it what you expected?

I saw several PARC members wandering the floor of the Center For The Performing Arts, looking at goodies and having eyeball QSOs with many of the "voices" we hear on the repeaters. Good to see you there. And of course, quite a few hams commented on the fine performance by some of our very own members who were presenters at the symposium events. WELL DONE!

Perhaps the nicest part of the convention was that the limited attendance allowed us to speak at length with the commercial vendors, without rushing, and learn a lot of the details regarding their products. I know I benefited from a long and unhurried discussion with the Diamond An-

tenna people concerning mobile HF whips, and learned a lot more that way than had I embarked on a mobile installation through the trial and error method.

Can't say that I spent a lot of money, since my "candy tray" is recently filled with a new Yaesu MARK-V Field transceiver, so many of you will hear me extolling the pleasures of a new HF rig on the ham bands.

Did you see KR6BT's suggestion in last month's Scope recommending an increase in PARC dues?

Do you have an opinion?

Consider the value the present \$12.00 / month regular dues bring you. Scope, excellent club programs with varied speakers on all sorts of ham related subjects, and of course, the benefit of a group of repeaters that are unparalleled in Southern California (and the rest of hamdom for that matter).

The PARC Board is *discussing the subject of dues increase* as a result of Merle's suggestion. The fact is that the current price of PARC membership was set many, many years ago. What have you seen concerning such a stable price of any service membership in other activities? The reason we are

( Continued Page 6)

# Minutes

## *Palomar Amateur Radio Club, Inc. Board of Directors*

August 14, 2002

The regular monthly meeting of the Board of Directors was called to order by NN3V at 7:09 PM on August 14, 2002, at the home of KB6NMK, Jo.

Present were:

President	Charles Ristorcelli, NN3V	Repeater Technical Chairman	Mike Doyle, AB6QT
Vice President	Mark Raptis, KF6WTN	Membership Chairman	Al Donlevy, W6GNI
Secretary	Paul Williamson, KB5MU	Visitor/Club Assets Chairman	Dennis Baca, KD6TUJ
Treasurer	Jo Ashley, KB6NMK	Visitor	Merle Risdon, KR6BT
Director #2	Jim Cooper, NE6O		

### Treasurer's Report

KB6NMK circulated copies of the Treasurer's Report. **Motion** by KB5MU to approve the Treasurer's Report. **Seconded** by W6GNI. Motion **passed** unanimously. KB6NMK stated that the reimbursement for chipper rental for the July 20 site cleanup was \$176.63, slightly more than allocated.

### Secretary's Report

KB5MU distributed copies of the Minutes of the July Board meeting. **Motion** by AB6QT to approve the minutes as distributed. **Seconded** by NE6O. Motion **passed** unanimously.

### Repeater Use Requests

The need for an effective streamlined procedure for approving and coordinating one-time events on the repeaters was discussed. It was concluded that the Secretary will publish all incoming requests to the Board by email. If no objection is raised within three days, the Secretary will consider the re-

quest approved and notify the applicant. Requests must be received at least seven days before the event in order to receive permission for exclusive use of a repeater (that is, for a formal net). The Secretary's response to the applicant is to include a copy of the club's policies on one-time events (currently under committee study for revision).

### Storage Facility

KF6WTN reported on his survey of the proposed new storage site and discussions with the owner of TOWizard, the prospective host. TOWizard is not comfortable signing a written agreement, because of a possible conflict with terms of its own lease on the property.

KF6WTN and KR6BT provided pricing information on both purchasing new cargo containers and moving the old one. Based on cost considerations, it was decided that the old cargo container will be moved to the new site, and not offered for sale in place to W9FQN. A visit to the old cargo container was tentatively

scheduled for September 4, to evaluate the current contents of the cargo container and perhaps dispose of a load of surplus equipment we expect to find there.

A goal was set to move the cargo container by the end of September. This would permit the Field Day equipment to be cleared out of its temporary locations by the end of October, somewhat later than promised. NN3V agreed to contact the members who are temporarily storing the equipment to ask for an extension.

### Fire Clearance at the Repeater Site

AB6QT reported that the July 20 work party made good progress on clearing the Palomar Mountain repeater site for fire safety. Another full day's session is needed to complete the task. AB6QT agreed to write a note thanking AD6VI and MARA for providing over half of the work crew.

### TASMA

NE6O reported on attending the recent meeting of the Two-Meter Area Spectrum Management Asso-

### Last Month's Fold & Staple Crew

**KR6BT** Merle      **K6ML** Jim P  
**WA5ACE** Sonny   **KB6NMK** Jo  
**N6UZH** Terri     **W6GNI** Al  
**W6YOO** Harry

## Treasurer \$\$\$,\$\$\$

**Jo Ashley**      **KB6NMK@amsat.org**

### ASSETS

Cash and Bank Accounts  
 CD                    \$2,564.51  
 CD                    \$2,720.95  
 CD                    \$2,684.04  
 CD                    \$3,266.94  
 Checking            \$4,883.02  
 Post Office         \$ 93.85  
**TOTAL ASSETS**      \$16,213.31

### LIABILITIES

Pre-paid dues      \$10,856.00  
 Prop. Insurance    \$ 600.00

**TOTAL LIABILITIES**   \$11,456.00  
**EQUITY**                \$ 4,757.31

**TOTAL LIABILITIES & EQUITY**

**16213.31**

## Web Pages

**PARC's Home Page -**  
<http://www.palomararc.org>

**Rod's - AC6V**  
<http://www.ac6v.com>

**ARES Alert Publication**  
<http://www.qsl.net/sdgarri/alert.htm>

**Tom's Hiker's - KF6PAZ**  
<http://www.fanciful.org/san-diego-hiker>

ciation (TASMA) in Mission Viejo. TASMA has two proposed band plans currently on the table, including a controversial one requiring 15 kHz channel spacing. NE6O recommends that the club and as many individual club members as possible become involved

## PARC Pre-Meeting Meeting

All PARC members, and any hams planning to attend the PARC meeting, are invited to congregate early in the Carlsbad area and enjoy dinner with the many meeting attendees who relax and enjoy socializing before the PARC meeting. Listen to the 146.730 MHz repeater starting around 5:00 PM, and you will hear members driving to various restaurants for dinner, and an "eye ball" with fellow hams. **A GREAT WAY TO ENJOY THE HOBBY!** See you there.

## PARC Testing

**Carlsbad - 2nd. Saturday at 9:30 am** in the Carlsbad Safety center.

Contact Rusty **AA6OM**  
**760-747-5872** or **dunedancer@cox.net**

## EARS Testing

**Escondido - LAST Saturday at 9:00 am**  
 Chamber of Commerce  
 720 N.Broadway, Esc 92025

Contact Harry **W6YOO**  
**760-743-4212** or **W6YOO@amsat.org**

**Register 5-7 days in advance for tests.**

in TASMA deliberations. TASMA rules allow any individual licensed for 2m operation to join for \$10/year, but new members cannot vote until 45 days after joining. Amateur radio groups can also join for the same fee. The definition of an amateur radio group is very loose. **Motion** by NE6O that the club join TASMA and appoint NE6O as delegate. **Seconded** by KB5MU. AB6QT consulted his records and pointed out that the club is

## P.A.R.C. Inc (2002 Board)

**Pres:** Charlie Ristorcelli   **NN3V**  
 858.676.3307                    **NN3V@amsat.org**

**VP:** Mark Raptis                **KF6WTN**  
 760.749.4825                    **KF6WTN@amsat.org**

**Sec:** Paul Williamson        **KB5MU**  
 858.571.8585                    **KB5MU@amsat.org**  
 760.742-9924 Palomar Mt.

**Treas:** Jo Ashley              **KB6NMK**  
 760.741.2560                    **KB6NMK@amsat.org**

**Dir#1:** Paul DeCicco         **NN6X**  
 619-595.0500                    **NN6X@amsat.org**

**Dir#2:** Jim Cooper            **NE6O**  
 760-727-8446                    **NE6O@amsat.org**

**Repeater Site:**  
 Mike Pennington              **KD6VHI**  
 760.749-8888                    **KD6VHI@amsat.org**

**Membership:**  
 Al Donlevy                      **W6GNI**  
 760.630.3096                    **W6GNI@amsat.org**

**Repeater Technical:**  
 Mike Doyle                      **AB6QT**  
 760.742.1573                    **AB6QT@amsat.org**

**New Members:**  
 Mike McMahan                 **KG6JMP**  
 760.207.9544                    **KG6JMP@amsat.org**

## Repeater Status 12.16.01

146.730+            : **Normal**  
 147.075-           : **Normal**  
 147.130-           : **Normal**  
 447.000-           : **Normal**  
 52.680              : **Normal**  
 146.700-           : Packet Repeater **Normal**  
 145.050            : Packet Digi **Normal**  
 PALBBS            : Bulletin Board **Normal**  
 AutoPatch         : **Normal**  
 ATV                 : **Operational**

already a member of TASMA, and that AB6QT is designated as delegate. The motion was withdrawn.

## Palomar Road Adjustment and Water Line

AB6QT reported for KD6VHI that the club's neighbor on the

## Committee Chairmen

ARESinfo.	-Dennis S	<b>K7DCG@amsat.org</b>
Attendance	-Al	<b>W6GNI@amsat.org</b>
ATV	-Bill S	<b>KB6MCU W6GIC@amsat.org</b>
Auction	-Jim C.	<b>NE6O@amsat.org</b>
Badges new	-Al	<b>W6GNI@amsat.org</b>
Batteries	-David	<b>KD6EBY DAT@Gerry.Palomar.caltech.edu</b>
BBS Monitor	-Bill B	<b>N6FMK@amsat.org</b>
Billing:Ads/etc	-Lyell K	<b>K6GVM@arrl.net</b>
By-laws	-Paul	<b>NN6X@amsat.org</b>
&	-Ron	<b>RWA9JCL r3mb@concentric.net</b>
Contest Info	-Dennis V	<b>N6KI@amsat.org</b>
ControlOps.	-filled	<b>W6NWG@amsat.org</b>
D.Mar Fair-		
Emergency QTH's (Emergency Com. Centers)		
HarryH	-W6YOO	<b>W6YOO@amsat.org</b>
DennisV	-N6KI	<b>N6KI@amsat.org</b>
Field Day	-Charlie R	<b>NN3V@ARRL.net</b>
FDTech.	-John K	<b>WB6IQS@Juno.com</b>
Historian	-	
Interference	-Bill S	<b>KB6MCU W6GIC@amsat.org</b>
Inventory	-Dennis B	<b>KD6TJ@juno.com</b>
MtgGoodies	-Jim E	<b>W6SST@juno.com</b>
Membership	-Al W6GNI	<b>aldonlevy@juno.com</b>
Nets	-	
Newsletter	-Ron S	<b>NA6RS@amsat.org</b>
PALBBSpkt	-Bruno H	<b>KF6QDP@amsat.org</b>
Patch Info	-	
PatchETronics	-Jerry H	<b>WB6FMT@amsat.org</b>
Picnic	-Paul D	<b>NN6X@amsat.org</b>
PowerAC/DC	-Mike P	<b>KD6VHI@amsat.org</b>
Programs	-Charlie R	<b>NN3V@ARRL.net</b>
Publicity	-Fred S	<b>K6ISS@amsat.org</b>
QSL Cards	-Merle R	<b>KR6BT@Juno.com</b>
RACESinfo	-Jo A	<b>KB6NMK@amsat.org</b>
Red Flag	-	<b>W6HCD NashWilliams@Compuserve.com</b>
Rptr Site	-Mike P	<b>KD6VHI@amsat.org</b>
Rptr Skeds	-	
SANDARC	-	
SellerTable	-John K	<b>WB6IQS@Juno.com</b>
AstSWDivDir	-	
TechSite	-Mike D	<b>AB6QT@amsat.org</b>
TestingVE	-Rusty M,	<b>DuneDancer@cox.net</b>
Training	-	<b>W6NWG@amsat.org</b>
TrusteeW6NWG-Mike D		<b>AB6QT@amsat.org</b>
Web Site	-	

### (Net Managers) (see pg.12)

ARES Sun	-	
Staff Net	-David D	<b>KC6YSO@amsat.org</b>
ARES 6m	-David D	<b>KC6YSO@amsat.org</b>
Ham Help	-David D	<b>KC6YSO@amsat.org</b>
Hiking	-Ed	<b>KF6DXX@Juno.com</b>
	-Glenn P	<b>KE6ZLY@Juno.com</b>
MARA	-Cathy	<b>KE6IQU W6NWG@amsat.org</b>
Microwave	-Kerry B	
Off Road	-Jerry A	<b>jwak6pfp@cts.com</b>
	-Dick W	<b>KA7AYT rwilimek@home.com</b>
Sailors	-Paul/Rod	<b>NN6X@amsat.org / AC6V@amsat.org</b>
Traffic(SDCTN)-Charles		<b>N6TEP cmiele@juno.com</b>

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

EMAIL address for Website is **webmaster@palomararc.org**

Other addresses of interest:

**Scope@palomararc.org**

**Board@palomararc.org**

**Membership@palomararc.org**

mountain has proposed an exchange of favors. He wants to round off the corner of the access road to his house to provide easier access in the snow and for firefighting equipment. This road adjustment would cut onto club property. This corner of the property is beneath SDG&E power lines, so it is unlikely that the club would ever do much with it anyway. In exchange, he proposes to install a 4-inch water line and standpipe ("fire plug") on our property, which would be useful in firefighting. We have always had a water share with the Palomar Mountain Mutual Water Company, but no actual access to water on the site. The club's Real Property Manager and Site Manager will continue negotiations.

It is also rumored that the neighbors may get together to widen and improve the road in general. Much of the road is on club property, even though it isn't supposed to be. It is hoped that any major road project would correct this error.

### Membership Report

W6GNI reported that the club membership declined from 511 to 483 in July because of membership expirations.

### Repeater Technical Report

AB6QT reported that he has completed the repeater controller simulator to be used for control operator training. It was agreed that control operator training would be held during the first half-hour of the regular Board meeting time, at 7:00 PM on September 11.

There continue to be issues with frequency mixes between our repeaters and one of the guest repeaters hosted at the Palomar Mountain site. NN3V agreed to write a letter to the operator of the guest machine asking for his prompt cooperation.

AB6QT reported that he took the

147.075 MHz repeater to his home, repaired two definite problems, and returned it to the site. Since then it has developed a new serious problem with transmitter frequency drift, so he has again taken the repeater down and hopes to have the problem solved within a few days.

### Special Service Club Status

KB5MU displayed a letter received from the ARRL. The letter notes that the club's status as a designated Special Service Club expired in December 2000, and invites the club to renew its status by filling out a form on ARRL's web site. KF6WTN agreed to review the form.

### Water Company Proxy

KB6NMK displayed a letter from the Palomar Mountain Mutual Water Company asking the club to designate a voting proxy if it could not attend its regular meeting on September 2 (Labor Day). The request was referred to the club's Real Property Manager, K6WJH.

### Availability of Prepaid Dues

KR6BT noted that the Treasurer's Report shows over \$10,000 in prepaid dues, and asked how much of that money is committed for member services. It was explained that in theory all of that money was reserved, to be released to the general fund on a monthly pro rata basis. In a typical month, a little less is spent on routine services than had been released from the prepaid dues fund for that month. KR6BT stated that he would like to propose spend-

ing some money on projects to promote the club and amateur radio, such as placing QST magazine in many public libraries and stocking a single designated library with a whole collection of amateur radio publications.

### Next Board Meeting

The September Board meeting will be held at the home of KB6NMK, on Wednesday September 11, 2002, after the control operator training which begins at 7:00 PM.

### Adjournment

The meeting was adjourned at 9:00 PM.

Respectfully Submitted,

**Paul Williamson, KB5MU**

**Secretary**

Jeff N6FRW

Grace N6WPA

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## Work Parties

7/24/02, Mike, KD6VHI and Steve, KD6ZST cut hole in block building to the charging hut and cemented in a 6 inch piece of conduit.

7/27/02, Mike, KD6VHI, placed battery support brackets on the new battery stands in the block building and painted same.

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## Contest Corral

Sep 7 All Asian DX Contest, SSB  
 Sep 8 NA CW Sprint Contest  
 Sep 14 WAE DX Contest, SSB  
 Sep 14 ARRL VHF QSO Party  
 Sep 15 NA SSB Sprint Contest  
 Sep 21 ARRL 10GHz Cumulative Contest  
 Sep 21 Scandanavian CW Contest  
 Sep 28 Scandanavian SSB Contest  
 Sep 28 AL, LA, & TX QSO Parties  
 Oct 5 QCWA QSO Party  
 Oct 5 California QSO Party  
 Oct 5 VK/ZL Oceania Contest, SSB  
 Oct 6 RSGB 21/28 MHz Contest, SSB

As the sun comes up later and goes down earlier and we enter the Fall season, major contests can be found every weekend. A huge one for us is the California QSO Party where the world tries to work each of the 58 counties in California and California stations try to work each of the 50 states and all 8 Canadian provinces. See QST, CQ, NCJ and Worldradio magazines for rules. CU in the Contest!

73, Harry, W6YOO

7/30/02, Mike, KD6VHI made measurements and built hinges for switching fuse blocks to be used in charging hut.

8/14/02 Mike, KD6VHI and Steve, KD6VST placed positive and negative buss bars in the block building to terminate the battery and charging leads. Worked on ventilation for the charging hut.

8-14-02: Mike, KD6VHI, built two frames out of three inch channel to hold the chargers and fuse panels in the Charging Hut.

8-17-02: Mike, KD6VHI, put hinges on the fuse panels and fit

them to the new frames and painted them a beautiful gray color.

8-21-02: Mike, KD6VHI, Melody and Timmy went to the site and installed the new frames and fuse panels in the charging hut. We also installed a charger and wired the output to the battery buss bars in the block building. The weather was great. The red ants were out in force and got me twice. War has been declared. The sprayer will be with me on my next visit to the site.

73, Mike KD6VHI

## Repeater Status

147.075 STATUS: The repeater went back on the air on AUG. 19th after a semi-major overhaul. A bad connection was found (cold solder joint) in the P.A. between the 10 watt amp and the finals which was causing the transmitter to work very intermittently over the course of the past year or so. This one has been an ongoing HUNT, which I am happy to report on finally. There were some other problems which were related to a fatigued solder joint somewhere around the receiver channel element causing the receiver frequency to drift up and down sporadically.

Another problem was caused when the technician who was working on it (yours truly), made the mistake of mounting the switching power supply too close to the transceiver and all kinds of signals were trading places between the power supply, the transmitter, and the receiver and who knows what else?/? All is finally well with the .075 (I hope). I encourage you to use it so that it will show ACTIVITY on the air. This is especially important since this one has been off the air so long. If you have any problems, please email me at [ab6qt@amsat.org](mailto:ab6qt@amsat.org).

73, de AB6QT

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( Presidents Message Cont.)

looking at this is that the cost of maintaining our capabilities, land maintenance at the repeater site (remember: PARC **owns it's land!**), mail costs, etc. have been rising for a long time. We are looking at our finances to make sure we remain a viable club, giving you the services you expect. Do you have an opinion? Make it known! **This is your**

**Club!** You can reach us via email, snail mail, verbally (on the repeaters or at the Club meetings).

*See you at the picnic?*

73 de NN3V

### New Members Joining PARC:

**KG6MCZ, KG6JMZ, KG6LVR,  
KG6MDJ, K6DVL, KN6PR,  
KG6KLH, KF6GAG, and  
KG6FQR**

When you hear these calls on a

repeater, be sure to greet our new members. These folks joined in July. We run one month behind on listing our new members! In addition, **KQ6LA** renewed for 5 years.

Please encourage your ham friends to join the club. We are way way down in membership from a few years back when we had over 800 members. Now, we are down below 500, and there are more hams in the area than ever before. The cell phones and the internet no doubt compete for a persons time and interest, but person to person interchange in the club is better than internet "chat rooms" where one never really knows who or what you are chatting with. In an emergency situation, it has been demonstrated time and time again, the amateur autopatch system works when others fail. Our autopatch equipment is only available to members.

A recent review of our membership shows the following:

Years Membership Remaining	Number
9	2
8	3
6	1
5	7
4	4
3	17
2	57
1 or less	282

This shows that 35% of our renewals are for 2 or more years. Thanks!  
de AI, W6GNI

## ARRL Convention



Many local hams gathered at the Escondido Centre for the Arts on August 16th., 17th., and 18th. to enjoy all the new toys, gadgets, and forums. Among the stars was our own local chapter for the **I.O.O.K.** — known to the world as the **International Order Of Krazies**.

The I.O.O.K. made its appearance at the ARRL Convention on Saturday, the 17th., wearing their corporate sponsorship in spite of good taste, as proof by this picture. Boys will be boys. On the serious side, many thanks to all of those who helped out with the setup and planning that goes

into an event like this. I'm sure many hours were spent many months before. And let's not forget our own Harry Hodges, W6YOO, who gave a special forum on IOTA. The word I received was that it was very interesting and very well attended. Keep up the good work guys. Local events do not happen unless many souls devote their time and efforts to make it happen. We need to get more involved as a club. Be it ARES, RACES, or local community events — **get involved**. There should be many more names on our work parties, goodie givers list, and of course, our meetings and its setup. We need people who

have items and talents to share. What is simple to some could be complex to others.

### Won't you help?

Your Editor,

Ron, NA6RS

# For Sale

## (8.20) HP Logic analyzer model 1631D With Manual.

MAKE OFFER Call AB6QT Mike after 5 pm at 760-742-1573 or email at AB6QT@amsat.org.

PARC Equipment: **Heathkit CW keyers**, HD-10 and HD-1410 w/ manuals \$20 each, **MFJ-901B Versatuner** \$25, **Palomar PT-340 Tuner** (noise bridge) \$15, **B&W 2 position SO-239 coax. switch** \$10, **Plantronics telephone headset/microphone** \$10, **ARRL Handbook 1993** \$5, 10/11 Mtr **Midland CB type antenna tuner** \$5, Ohmite **resistors assort.** drawers, 2 each \$5, **ARRL CW code tapes** \$2. All recent donations to PARC, all prices negotiable and will accept more if offered, WB6IQS, John 760-727-3876 or e-mail at WB6IQS@juno.com

(7.18) **Stationary pedal bike** (made in Finland) for the exercising, training and/or heart therapy. Adj for pedalling resistance, speedometer and revolution counter, ribbon gauge, 0-60 timer, manual and more. Like new. \$125  
WA6DOC Mark 760.945-1367  
O'side gomark@juno.com

(7.4) **Bearcat 235** trunktracker \$100, **Bearcat 245** w/comp cable \$150, box, manual. **Bearcat III--8 ch. crystal scanner**-\$20.  
Steve KO6ET@Juno.com

(7.2) **SWL Receiver**, Panasonic Mod #RF4800, 1.6-31 mhz + FM 88-108 **Digital Freq Counter** \$100, **Hallicrafter Mod SKI I** Communication Receiver,

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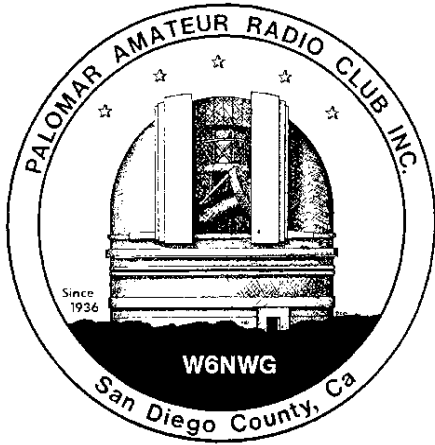
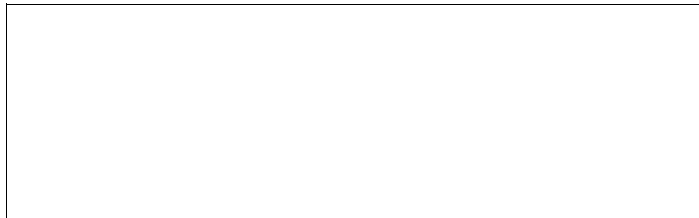
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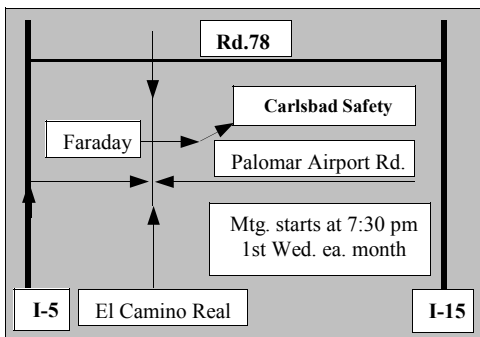
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