

SCOPE

A newsletter by and for the
Palomar Amateur Radio Club
of San Diego, California.

One-day Amateur Radio General License Upgrade Class (Intermediate)

Dates/Times: Saturday, March 5th, 2011
8 AM to 5 PM (with breaks and a 45 Minute lunch)

Location: Carlsbad Safety Center, 2560 Orion Way,
Carlsbad, CA, 92010-7240

Class is free.

VE Testing, (5:00 PM to 7:30 PM) and costs \$5
Please RSVP with Steve Early at ad6vi@cox.net to
ensure enough materials and seats.

Amateur Radio Get-On-The-Air seminars

Saturday, March 12th
Noon to 3:30 PM (after PARC sponsored ARRL-
VEC session)
Location: Carlsbad Safety Center, 2560 Orion Way,
Carlsbad, CA, 92010-7240

Class is free.

submitted by Georgia Smith
KI6LAV

Repeaters for iPad and iPhone!
<http://w4smt.com/repeaters/>
submitted by Howard KY6LA.



Was looking at the Field Day pictures in the February Scope, and realized that the kid sitting down operating the station is me!! (*photo below*) I believe this was 1953. Maybe at Buddy Todd Park in Oceanside (?). I was 17 at the time. My original call was W6NLO. My 20m CW setup is shown (I still have the Hunter Cyclomaster exciter). RF amp was a pair of 24G's running about 100 watts output.
73, Merit W6NQ



BREAKING NEWS
W0NI will attend
DAYTON 2011!

Save the Date

Club Meeting
2 March 2011

K4RB, Bob Blumberg, and his experiences all over the world, with special focus on Indonesia.

Board Meeting
9 March 2011

Palomar Amateur Radio Club board meeting at 7:00pm

YL DXpedition
14-22 March 2011

www.yldxpedititions.com
Curacao!

Club Membership for March Edition

New Members Joining PARC: KJ6IEG, KJ6EDS, KJ6LLB, NQ6U, WA6PPG, and KG6KL.

One regular member renewed for 10 years! In addition, we had 8 returning members, reinstating their membership. WAY TO GO!!

Please be sure to welcome the new and old returning members.

Above, is GOOD NEWS!! So how is it that I have to tell the board that in spite of all the new, and returning old members, we still lost membership last month? Well, we did!!

And, here is the list of those that receive their SCOPE on the web, who may not realize that their membership has expired or will expire this month. W6NQ, KG6UTS, KG6SPL, KJ6EDO, KI6PGI, KJ6EDR, KI6WOF. Please renew!

Check your label for your renewal date. If your mailed SCOPE didn't arrive, and you are reading this on the web site, as a fall back, maybe your membership ran out?? We do great on attracting "New Members", but not so great on the renewals! The club really needs all it's members!!

AI
W6GNI

PALOMAR ENGINEERS

Box 462222, Escondido, CA 92046

TOROID CORES

Palomar stocks a wide variety of cores and beads. Our RFI Tip Sheet is free on request.

Our RFI kit keeps RF out of your telephones, TVs, stereo, etc. **Model RFI-4**
\$35 +tax+\$8 to ship.

BALUN KITS

Ferrites slip over coax. Shrink tubing holds them in place. Works from 3.5-60 MHz (Use two kits for 160m).

Model BA-58 (for RG58, RG8X & similar cables up to 1/4" dia.) \$8.50+tax+\$8 S&H/order

Model BA-8 (for RG-8, RG-213, 9913 and similar cables up to 1/2" dia.) \$16.50+tax+\$8 S&H/order.

See catalog at www.Palomar-Engineers.com

Please check our complete ads in **QST**, **CQ**, and **WorldRadio** magazines.

January Issue Fold & Staple
KB6NMK Jo WA5ACE Sonny
W6GNI AI & Kathy
KB6YHZ Art & Janet
The last Fold & Staple for 2010!

Help With Test Session

by Steve Early AD6VI

I have scheduled the Carlsbad Safety Center for a One-day General Class on Saturday, March 5th. This class is being offered in anticipation of a more difficult exam starting Jul 1, 2011.

I have scheduled the Carlsbad Safety Center for a Get-On-The-Air Seminar for the afternoon of Saturday, March 12th (after normal VE Session).

This class is being offered to help new and upgraded operators to develop and improve skills. It is scheduled to allow persons to take advantage of the regular Carlsbad Exam Session, in the event they did not succeed after the Tech and General Classes.

I am hoping to offer an exam session immediately after the General Classes. This would be 5 PM on March 5th. My intent is to get the students examined while they are still retaining the bulk of the material.

I believe that it is too much to the Carlsbad team to support both classes and their regular session. Therefore, I offer the Carlsbad Team the right of first refusal, but also ask the rest of you to consider supporting each of the classes.

Please advise, if available for March 5th. ad6vi@cox.net

Advertisements are free for members

Have items that need to find a new home? Advertise here! Send your ads to scope@palomararc.org



For Sale

Complete Kenwood TS-130S rig including TS-130S with MC-30S handheld microphone, YK-88C 500Hz crystal filter, operator and service manuals; PS-30S DC power supply with operator manual; VF-120 remote VFO with interconnect cable and operator manual (in Japanese); and SP-120 external speaker with operator manual. Known issues: TS-130S needs dial lamps replaced and the S-meter needs to be adjusted; VFO-120 needs dial lamps replaced and dial needs to be recalibrated. \$350. Contact Bob Felton, K7WLX, at 760-598-7459 or k7wlx@arrl.net.

For Sale

Tower, Includes:

- TRI-EX tower, Model W 51, Free Standing, Trust Bearing, 6 ft. Mast, Motor driven, Up and Down
- Hy-Gain 7 El 10-15- 20 Ant, Model TH7DX
- Rotor Hy-Gain, Model HAM 4

Cushcraft Ringo Ranger, Model ARX1, Vertical 2M

YAESU FT-1000 Transceiver

Kenwood TS-950 S, 10-160 M Transceiver

Heathkit Dummy RF Load C Antenna

Simpson Analog Multimeter, Model 260

B & W Low Pass Filter Model 423

Heathkit Phone Patch, Model HD 15

Remote Motor driven, 6 Pos Coax SW with Control Box

YAESU FT 2500 M, with Astro PS 12 A

Kenwood TR-7330 2 M, with Astro PS7A

Ten-Tec Centurion amp 1kw with spare 3-500 tubes

Ten-Tec Titan amp 1kw, 10 to 160 M

SHURE Microphone Push to talk Model 444

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Contact: R. F. Krist, W6KTE, (760) 724-2786

For Free

Fifty foot galvanized steel tower. Triangular, 28 inches wide at base.

Recipient must remove and must have liability insurance.

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Call Fred Brown, W6HPH, 760-740-8501 or 760-742-1328, or

w6hph@yahoo.es

Repeater Site Report

by Dennis KD6TUJ

Don WD6FWE and Dennis KD6TUJ went up to the repeater site on Sunday February 13, 2011 to check on the 146.730 and 447.000 machines. They were met by Michelle W5NYV shortly after for consultation. A power problem was set to be diagnosed. The power supply used is a Meanwell SD-350C-12 and has a rated output of 27.5 amps. While we were prepared to change out a supply we were not prepared for a large load ampere reading. Something that we need to do on all repeaters.

After confirming that the power supply shutdown from what appeared as a overload, The supply was separated and left on for the 146.730 machine. An ASTRON 35 amp supply was brought up for use on the 447.000 machine and put to use. The voice machines were checked and it was noticed that the 147.130 machine seems to have an intermittent PA unit. Possibly shutting down from heat. This machine will need care very soon. The 145.050 packet machine was then checked and the TNC reset. Still not quite working, but the lockup appears to be gone. It may be back to service when Conrad KG6JEI gets back or may take another trip to link the computer so the id can be set.

More pictures on the Palomar Amateur Radio Club website:

<http://palomararc.org/zenphoto/work-parties/work-party-at-repeater-site-february-2011/>



Dedicated power supplies for the 146.73 and the 447.000 were brought up. Photo by Dennis KD6TUJ.

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Larsen Antennas
TEN-TEC
Hy-gain, Tri-EX,
Cushcraft And Others
too
Numerous to
Mention!

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 stoplight. As you are turning right you can see our beams in this 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 Site Report

by Mike K6MRP

House batteries and control battery levels look good. Rectifier (48 vdc charger) working OK. General site condition looks good. 2 Feb 2011.



6m antenna. Photo by Mike K6MRP.



Main tower. Photo by Mike K6MRP.



Checking the batteries and battery control levels. Photos by Mike K6MRP.

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Minutes - Palomar Amateur Radio Club

Board of Directors Meeting

January 12, 2011

The meeting was called to order by President Dennis Baca KD6TUI at 7:05pm at the home of Paul Williamson KB5MU. In attendance were:

President Dennis Baca KD6TUI
Vice President Ron Pollack, K2RP
Secretary Paul Williamson, KB5MU
Director #1 Don Johnson, WD6FWE
Director #2 Conrad Lara KG6JEI
Membership Chairman Al Donlevy W6GNI
SCOPE Editor Michelle Thompson W5NYV

Secretary's Report

Secretary KB5MU distributed copies of the December Board meeting minutes. Motion by Don Johnson WD6FWE to approve the minutes as published. Seconded by Ron Pollack K2RP. Motion passed unanimously.

Treasurer's Report

No Treasurer's report was available.

Upcoming General Meeting Programs

KD6TUI reported that the February general membership meeting would be a celebration of the Club's 75 anniversary. He will bring two conjoined cakes, and a call should go out for people to bring finger foods. He will ask ARRL Section Manager Steve Early AD6VI to send out some publicity for the event, and K2RP will create a poster to be placed at Ham Radio Outlet by KG6JEI. KD6TUI has sent out by email a list of previous officers and Field Day sites. K2RP is working to round up some senior club members to show up and say a few words. K2RP confirmed that Bob Blumberg K4RB is scheduled to speak at the March meeting (in the small room). Howard White KY6LA will speak on HF antenna/propagation simulations in April or May. David Doan KC6YSO is available to speak on NVIS. K2RP might do a program on WSPR. KB5MU volunteered to do a presentation on ARISSsat's innovative digital modulation. The June meeting will probably be about Field Day, as usual. The annual auction in October will be in the Faraday building, a new location for the Club. WD6FWE proposed that a program on specific antennas could be made more meaningful by using those antennas at Field Day.

Membership Report

Membership chairman Al Donlevy W6GNI reported that Club membership is 288, up from 270-something. Many new members are from Oceanside, possibly as a result of antenna ordinance scuffle there.

Appointment of 2011 Committee Chairs

KD6TUI appointed Conrad Lara KG6JEI as Repeater Technical Chair. KG6JEI accepted the position, resigning his previous position as Director #2. KD6TUI reappointed Al Donlevy W6GNI as Membership Chair, and he accepted the position. KD6TUI appointed Michelle Thompson W5NYV as Editor of the newsletter, and she accepted the position. KD6TUI further appointed new committee chairs KG6JEI, W6GNI, and W5NYV to the Board. Motion by K2RP that the elected members of the Board approve these appointments in accordance with section 8(c) of the Bylaws. Seconded by Don Johnson WD6FWE. Motion passed unanimously.

Oceanside Antenna Ordinance

The city of Oceanside has scheduled a council meeting presentation for February 23. Articles on the issue were published in North County Times and the Union-Tribune. W5NYV will request permission to reprint these articles in the SCOPE.

H.R. 81

House Resolution H.R. 81 is a re-introduction of H. R. 2160 from the previous Congress, the Amateur Radio Emergency Communications Enhancement Act of 2011. This bill authorizes a study of amateur radio with an eye toward the possibility of preemption of private land use restrictions (CC&R's). K2RP asked if the Club should do something in support of the bill. W5NYV will write a descriptive article for the SCOPE.

Oceanside CERT Net

Oceanside CERT has been operating a net Sundays at 8pm on the 147.13 MHz repeater, and (upon learning that authorization is needed) has asked for authorization to continue. Motion by WD6FWE to approve the net. Seconded by K2RP with the condition that Oceanside CERT be made aware of the standard club net policies regarding preamble and postamble text and the club membership requirement for net control operators. WD6FWE accepted the amendment. Motion passed unanimously. KD6TUJ will send them the information and ask them to draft an article about the net for publication in the SCOPE.

Annual Club Picnic

Dates for the annual club picnic were discussed, and it was decided to try for August 21 in the same location as in recent years, Area 4 of the San Dieguito County Park. KD6TUJ will ask Treasurer Georgia Smith KI6LAV to reserve that site for that date. Motion by KG6JEI to approve up to \$250 for the site reservation fee. Seconded by K2RP. Motion passed unanimously.

Locations for Other Club Events

The Field Day site is still not definite. Oceanside city councilman Jerry Kern has offered to get us free access to a site in Oceanside. KD6TUJ wants to do an Operating Day on April 10 at a site in Oceanside, and possibly additional events at other locations. W5NYV suggested the Hilltop Recreation Center in Carmel Valley, and WD6FWE suggested Buddy Todd Park in Oceanside. The next opportunity for ARRL Kids Day will be in June, perhaps in a more accessible location than Double Peak Park.

Monthly Nag

KG6JEI asked KD6TUJ if the generator had been converted to propane yet. KD6TUJ did not dignify this question with an answer. Next Board Meeting Location It was agreed that the next Board meeting would be held at the home of K2RP at 7pm on February 9, 2011.

Adjournment

The meeting was adjourned at 8:40 pm.

Respectfully submitted,
Paul Williamson KB5MU
Secretary

On Saturday, January 29, the Desert RATS held a hamfest in Palm Springs, not all that far from San Diego. It was sanctioned by ARRL, but it wasn't like the big Southwestern Division convention that rotates among the Sections on a four-year schedule. The hamfest was held at "the barn at Gary KD6QLT and Susie KD6TVO's estate", not in a convention hotel. That makes it much cheaper for everybody. The hamfest also doesn't feature a slate of technical talks, but it does have many of the other features of a convention. There was a commercial vendor area (Yaesu, HRO, and maybe a dozen smaller exhibitors), a swap meet, a special event station, RV camping, and prize drawings. The San Bernardino Microwave Society demonstrated microwave stations, and AMSAT Area Coordinator Clint K6LCS demonstrated satellite operation with a hand-held antenna. And of course, lots (600?) of your fellow hams to socialize with.

My day got started a bit late, so I missed all the morning activities, including almost all of the swap meet. Gene WB9COY was still hanging in there with tables of treasures (you know, the kind of items that most non-hams would describe as "junk") laid out in the shade of his RV's awning. The remnants of a silent key's collection were also still out. People who'd managed to show up on time said there'd been a pretty extensive swap meet in the morning. The microwave demonstration was also over by the time I arrived, but I did get to "help" Pat N6RMJ try to figure out how to collapse the frame of his double-wide E-Z-Up. The satellite demonstrations had to be scheduled whenever a satellite was in view, and luckily one of those times was after I arrived. Clint K6LCS was able to work a number of stations all around the U.S. with a hand-held Arrow antenna, despite stiff competition on a very busy Saturday afternoon pass.

As the Scope goes to press, the Yuma Hamfest & Emergency Preparedness Show (which is also the ARRL Arizona State Convention) is going on. A number of club members are organizing an expedition to the enormous Dayton Hamvention in May. This year's Southwestern Division HAMCON will be held in Torrance in September. If you've never been to a hamfest or convention, give it a try -- and write it up for the Scope!

-Paul KB5MU



Pat N6RMJ had a bit of a struggle to collapse his shade tent.





The view on entering the Hamfest in the early afternoon. This empty area was full of the swap meet in the morning. Under the blue shade, friendly folks collected my nominal \$1 admission fee.



The Amateur Television Network had an ATV demonstration using this 2.4 GHz antenna.





Microwave stations demonstrated by SBMS.



view of about half of the vendor area. PARC member Bernie N6FN's Nifty! Ham Accessories had a booth right in the middle.



Matching networks machined out of aluminum tubing at the M2 display.



Clint K6LCS's handheld satellite station, fully integrated on the back of an Arrow antenna.



The hamfest's special event station.



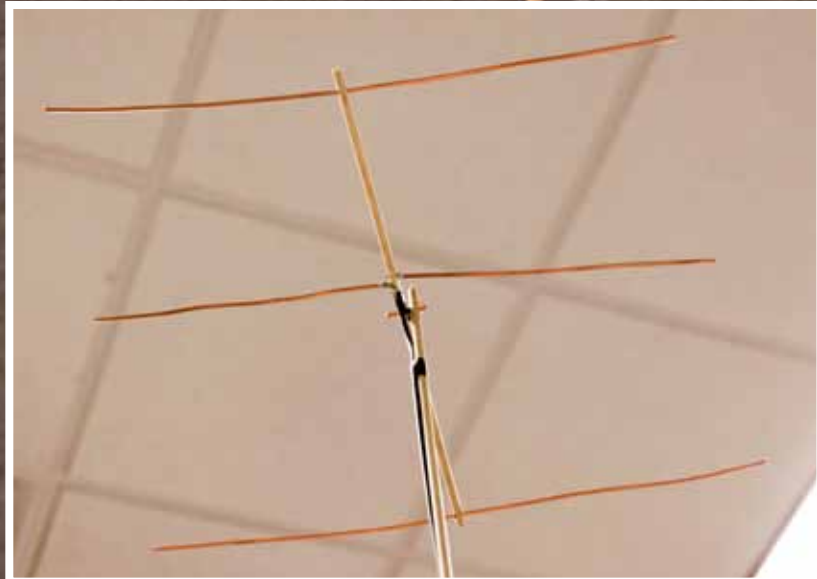
Matching network displayed by one of the vendors.



The biggest of several antenna installations at the hamfest.



Yaesu had an extensive display of their products.



PARC celebrated the 75th anniversary of the club with a ham radio cake! The graham cracker shack had a ham inside, the tower had real antennas, and real radios were attached to the antennas. Sherbet was served alongside the cake.





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I found this photo and note in my archives.

100 points contact back then !!!

For those that don't remember Felix, he has a history of high speed CW operating all over the world and was also a POW in Korea. He also was a mobile CW operator.

This was about 4 months after I got my present call.

Don WD6FWE

WORLD RADIO NEWS

9/30/77

2120 28th Street

P.O. Box 160568 Sacramento, CA 95816

Dear Jane -

Many thanks for the picture. It appears in the October issue.

We're always interested in news items of a personal interest nature.

73, Linda, WB6ECS, Mng. Ed.



MEETING AGENDA

February 23, 2011

OCEANSIDE CITY COUNCIL, HARBOR DISTRICT BOARD OF DIRECTORS (HDB), and COMMUNITY DEVELOPMENT COMMISSION (CDC) REGULAR BUSINESS

**Mayor
HDB President
CDC Chair**

Jim Wood

**Deputy Mayor
HDB Vice President
CDC Vice Chair**

Esther Sanchez

**Councilmembers
HDB Directors
CDC Commissioners**

Gary Felien

Jack Feller

Jerome M. Kern

**City Clerk
HDB Secretary
CDC Secretary**

Barbara Riegel Wayne

Treasurer

Gary Ernst

4:00 P.M. – ROLL CALL

CITY COUNCIL, HDB, and CDC CLOSED SESSION ITEMS

Closed Session to discuss litigation, property acquisition, labor relations and personnel matters

6:00 P.M. – PUBLIC HEARING ITEMS

Public hearing items are "time-certain" and are heard beginning at 6:00 p.m. Due to the time-certain requirement, other items may be taken out of order on the agenda to accommodate the 6:00 p.m. public hearing schedule.

22. City Council: Consideration of Zone Amendment (ZA-10-00001 Revision) and Local Coastal Plan Amendment (LCPA-10-00001 Revision) introducing Article 39A – Amateur Radio Antenna Regulations – to the current Oceanside Zoning Ordinance, as well as the Oceanside Zoning Ordinance in effect on May 8, 1985; adoption of revised City Council Policy 300-14, Enhanced Public Noticing Requirements, to allow Amateur Radio Facilities Conditional Use Permits to provide mailed notices to properties with 300 feet of the subject property; and establishment of a \$500 fee for processing of conditional use permits for Amateur Radio facilities (exclusive of public noticing fees) – Amateur Radio Antenna Standards – Applicant: City of Oceanside

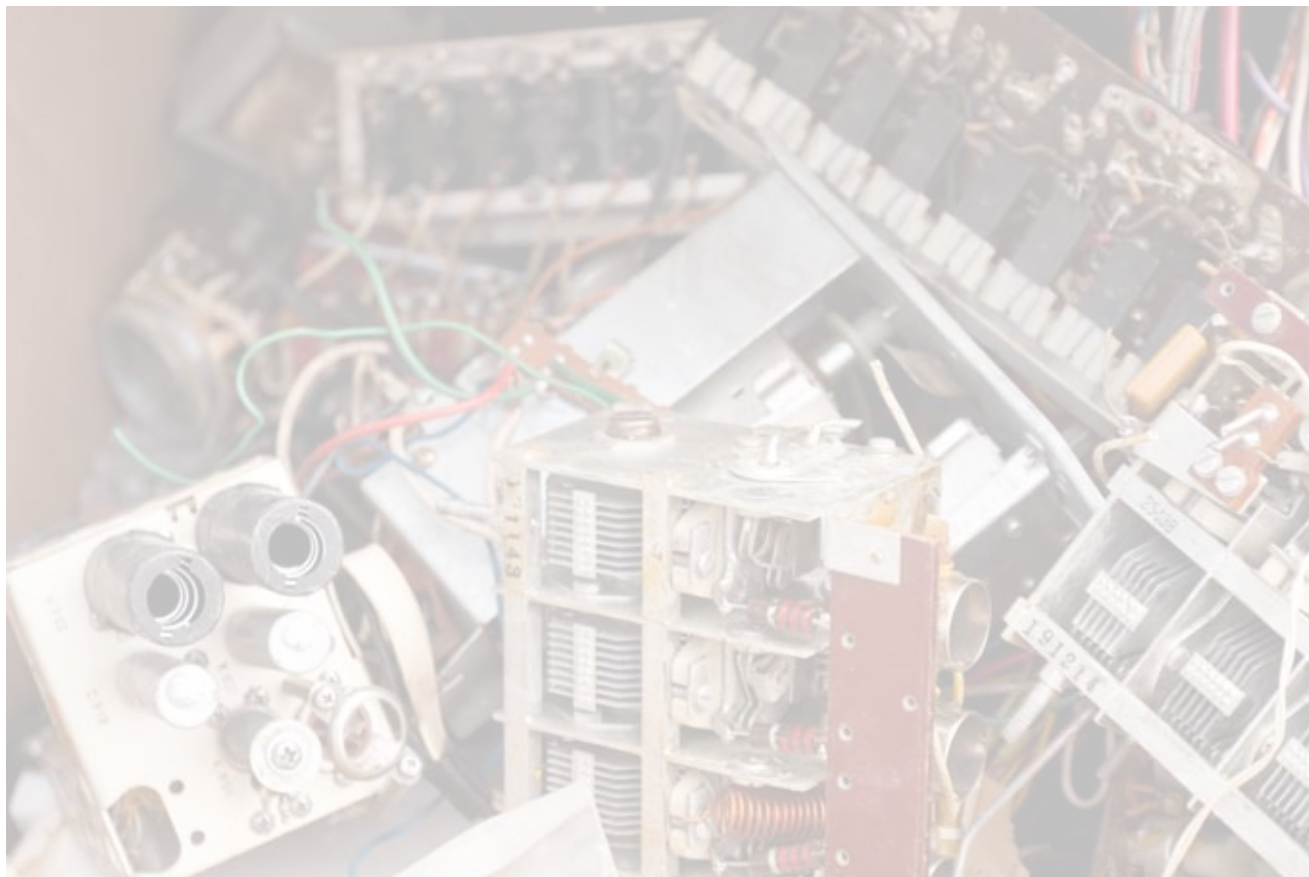
This public hearing is continued from January 5, 2011

- A) Mayor opens public hearing
- B) Mayor requests disclosure of Councilmember and constituent contacts and correspondence
- C) City Clerk presents correspondence and/or petitions
- D) Testimony, beginning with Jerry Hittleman, City Planner
- E) Recommendation – introduce the ordinance, adopt the resolutions, and adopt the revised City Council Policy 300-14

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Scope (USPS #076530) is published monthly by the Palomar Amateur Radio Club 1651 Mesa Verde Drive, Vista, CA 92084. POSTMASTER: Send address changes to SCOPE, P.O. Box 73, Vista, CA 92085. Periodicals postage paid at Vista, CA 92084. Dues are \$20 per year or \$35 per year for a family. Dues include a subscription to Scope.

Editor: Michelle Thompson W5NYV

Submissions: scope@palomararc.org

Questions? Ideas? Comments? W6NWG@amsat.org

Featured Program:

At 7:30pm on the 2nd of March 2011, Palomar Amateur Radio Club will have a program presented by K4RB, Bob Blumberg, who will talk about his ham radio experiences in various countries during his many years of living in developing areas. He will focus on an Indonesian island DXpedition.

Arrive at 7:00pm to socialize. We look forward to seeing you at the Carlsbad Safety Center, 2560 Orion Way, Carlsbad, CA.