

Palomar Amateur Radio Club

Volume XXXII No. VI

JUNE 2005

June Meeting Contesting 101

Wednesday June 1st
7:30pm
Carlsbad Safety Center

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President's Message

At the May meeting, we were given a good presentation on APRS applications to Search And Rescue, as presented by Jeff Lehman, KD6DHB, of the San Bernardino County Sheriff's Cave Rescue Team.

In keeping with the Public Service and Disaster Communications Theme, the June Program is titled: Contesting 101.

One might ask...what has "Contesting" got to do with Public Service and Disaster Communication????

The answer is simple: Training, Training, Training...and Technique, Technique, Technique...

When I first earned my license, I perceived contesting as less than useful for emergency communications. Boy was I wrong!!! Over the years, I have come to appreciate and respect the ability of contesters to pull that elusive

message out of the mud, when I could not. My hat is of to those seasoned veterans that have quietly and persistently shown me, a rookie, practical value in contesting, for emergency communicators. With Field Day fast approaching, it made sense to offer a program that would help us be better contesting operators and to improve our skills for public service at the same time.

Dennis Vernacchia, N6KI, and Paul Dorey, WN6K, have stepped up to the plate to provide us with this program. I am looking forward to their presentation.

Looking down the road: Filed day is fast approaching. Set-up starts at approximately 4:00 PM on Friday, June 24th. Official Operations start at 11:00 AM on Saturday, June 25th, and



continue through 11:00 AM on Sunday, June 26th. This is an opportunity for all to come out and get on HF. There will be a Get On The Air (GOTA) station for non-ham and those without HF privileges. There are opportunities for all.

PARC Field day will be co-chaired this year, by Michelle Thompson, W5NYV, and myself. PARC is looking to start the Field-Day Net in the next week. Schedule is currently pending availability of Michelle, or myself, but is tenta

(Continued on page 4)

Help Wanted: Amateur Radio Operators wanted for Public Service.

We all earned our HAM license for different reasons. Some of us because we wanted to explore the world without leaving home, others because our professional lives had already given us tools that made HAM Radio a natural fit.

In this commercial world, where bandwidth is auctioned off and local governments don't like antennas, we all owe a debt of gratitude to this vast land for the opportunities to experiment, contest, et cetera for free. One way we can re-

pay that debt is through Public Service.

Once upon a time, I installed all manner of radio equipment for a living. I thought about an amateur radio license for years, until I was recruited by a friend, Sam McDonald, K6USE, to help him with emergency communications. I have been actively involved ever since. I currently belong to several different organizations, and have a direct hand in helping others earn their Technician Licenses. I have heard one com-

mon theme at each of these organizations: "There are not enough active Communications Volunteers!" We can fix that! We can justify our existence to both the FCC and to City Hall at the same time!

It is time for us to earn our right to keep Amateur Bandwidth. There are companies that want our bandwidth. We must justify our keeping it.

(Continued on page 7)

June 4th Work Party

We will focus on leveling the storage container site. Bring a shovel and gloves. **Optional - meet at 9am Mother's Kitchen for breakfast and socializing.***

What: Repeater Site Maintenance

When: Each Saturday following the general club meeting from 10:00 am until 12:00 noon.

Where: Meet at Mother's Kitchen restaurant. Bring water, sunscreen, bug spray, and whatever else you think you will need. There is no running water or toilet facility at the repeater site.

How: Work may include raking, shoveling, organizing, trouble-shooting, planning, pounding nails, hauling stuff away, thinking, pondering, talking, lifting, pushing, pulling, and other organized chaos. Work may be inside one of the buildings or outside on the site, but generally work parties will concentrate on one or the other as to not get in each others way.

Why: Volunteering for a work party is worth two participation points to the club. Volunteering your time to help maintain the repeater site is greatly appreciated as it makes a huge difference to the vitality and effectiveness of our local amateur radio community.

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P.A.R.C. Inc (2005 Board)

Pres: Steve Early AD6VI

VP: Dennis Baca KD6TUJ
760.722.0251 KD6TUJ@amsat.org

Sec: Paul Williamson KB5MU

Treas: Jo Ashley KB6NMK 760.741.2560
KB6NMK@amsat.org

Dir#1: Tom Martin KG6RCW

Dir#2: Mark Raptis KF6WTN

Repeater Site:
Michelle Thompson W5NYV
858.229.3399
W5NYV@amsat.org

Membership:
Al Donlevy W6GNI
760.630.3096 W6GNI@amsat.org

New Member:
John Earnest KG6EQU.
858.484.8579 KG6EQU@amsat.org

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

Contest Coral

Jun 4 VK 80 Mtr Contest, CW
Jun 4 IARU Region 1 Field Day
Jun 4 RSGB National Field Day
Jun 4 QRP TAC Sprint
Jun 4 WorldRadio QSO Party
Jun 11 ANARTS WW RTTY Contest
Jun 11 Portugal Day Contest
Jun 11 Asia-Pacific Sprint
Jun 11 ARRL June VHF QSO Party
Jun 18 All Asian DX Contest, CW
Jun 18 SMIRK Contest
Jun 18 West Virginia QSO Party
Jun 18 Quebec QSO Party
Jun 18 Kids Day Contest
Jun 25 Marconi Memorial HF Contest
Jun 25 ARRL Field Day
Jun 25 King of Spain Contest, SSB
Jul 1 RAC Canada Day Contest
Jul 2 Venezuelan Ind. Day Contest
Jul 2 Original QRP Contest

Quite an assortment of contests here. A QSO party or two, especially WV which is always difficult to get in the log. RTTY? Yep, got some of that as well as CW and SSB. Don't forget ARRL Field Day, that's a biggie! Complete rules can be found in QST, CQ, NCJ, and Worldradio magazines. CU in the contest. 73, Harry, W6YOO

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PARC Repeaters

Palomar Mt. Repeaters (W6NWX)

PARC Trustee: AB6QT

*52.680- W6NWX, -0.5 MHz

Autopatches:

146.730-, 147.075+

*147.130+, *447.000-

PKT:

145.050s (PALOMAR/W6NWX -1)

146.700- (Duplex Pkt) PALBBS/EMG

use

145.070/146.7- (W6NWX-3/PALBBS)

ATV"IN":

915 wbfm, 2441.25 wbfm

ATV "Output"

1241.25 MHz am

Intercom:

146.415 PL 79.7 nbfm

Affiliated:

*224.38- & *224.94 KK6KD (HARS)

*447.05- & *145.26 KK6KD (HARS)

*146.175+ N6FQ(Fallbrook ARC)

Linked to

*445.600 MHz (-)

*224.90- WD6HFR (Corvair/220 ARC)

446.14- WB6FMT (123.0) Vista

• = 107.2 Hz PL Tone

Questions

Questions about club policy or for more information can be addresses to:
Email: W6NWX@amsat.org

Committee Chairpersons

ARES Info	Tony	KC6YSP
ARES Net	Dennis S	K7DCG@amsat.org
Attendance	Al	W6GNI@amsat.org
ATV	Art	KC6UQH@amsat.org
Auction	Tom M	KG6RGW@amsat.org
Badges New	Al	W6GNI@amsat.org
Batteries	David	KD6EBYDAT@Gerry.Palomar.caltech.edu
BBS Monitor	Bill B	N6FMK@amsat.org
Billing:Ads/etc	Lyell	K6GVM@arrl.net
Contest Info	Dennis V	N6KI@amsat.org
Control Ops	filled	W6NWX@amsat.org
Del Mar Fair		
Emergency Com Centers		
Harry	W6YOO	W6YOO@amsat.org
Dennis V	N6KI	N6KI@amsat.org
Field Day	TBD	
Field Day Tech	John K	WB6IQS@amsat.org
Inventory	Dennis B	KD6TUJ@amsat.org
New Members	John E	KG6EQU@amsat.org
Nets		Board Function
Newsletter	Michelle	W6MYP@amsat.org
Patch Info	Stan R	W9FQN@amsat.org
Patch Etronics	Jerry H	WB6FMT@amsat.org
Picnic	Mark R	KF6WTN@amsat.org
Power AC/DC	Mike P	K6MRP@amsat.org
Programs	Dennis B	KD6TUJ@amsat.org
Publicity		
QSL Cards		Need Replacement for Merle KR6BT
RACES Info	Jo A	KB6NMK@amsat.org
RED Flag	Steve	AD6VI@amsat.org
Repeater Site	Michelle T	W5NYV@amsat.org
SANDARC	Jin /Steve	NE6O/AD6VI
Seller Table	John K	WB6IQS@amsat.org
Asst.SW Div Dir TBD		
Tech Site	Mike D	AB6QT@amsat.org
Testing VE	Jim C	Jim_carmichael@cymar.net
Training		W6NWX@amsat.org
Trustee W6NWX	Mike D	AB6QT@amsat.org
Web	Paul W	www.Palomararc.org

Net Managers

ARES Sun	Dennis	K7DCG
ARES 6m	David D	KC6YSP@amsat.org
Ham Help Net	David D	KC6YSP@amsat.org
Hiking	Ed	KF6DXX@juno.com
	Glenn P	KE6ZLY@juno.com
MARA	Glenn Jones	KG6JDF@amsat.org
Microwave	Kerry B	
Off Road	Jerry A	jwak6pfp@cts.com
	Dick W	KA7AYTrwillimek@home.com
Sailors	Paul	NN6X@amsat.org
	Rod	AC6V@amsat.org
Traffic SDCTN	Charles	N6TEP cmiele@juno.com
Red Cross Net	Ted	tthompson@sdarc.org

ARES Public Service Events for 2005

I Love a Clean San Diego	Sat, 9 Apr 2005
Special Olympics Basketball	Sat, 16 Apr 2005 and Sun 17 Apr 2005
Lost Boys Trail Run	Sat, 14 May 2005
Special Olympics Greater Games	Sat, 4 Jun 2005 and Sun 5 Jun 2005

The Lake Hodges and Lost Days dates are tentative. The others 'should' be firm.

-Dave
-kc6yso

(President's Message Continued from page 1)

tively Wednesday Nights, 8-9PM.

At this writing, we have one BIG challenge ahead of us for Field Day. With the expectation is that this challenge will be resolved before you read this, our Field Day location is moving due to schedule conflicts with the Carlsbad Safety Center site. We will announce the new location as soon as one is secured.

Other than that, everything is in good shape. Equipment is being inspected with good preliminary reports. Station Teams are forming and the Road-Kill Cafe is ready for business.

Looking a little further down the road: The July Program will be provided by Jerry Kostro, AK6QJ, of the ARRL San Diego Section Amateur Radio Emergency Services (ARES).

I hope to see you all on Wednesday, June 1st, at the Carlsbad Safety Center, at 7:30 PM for Contesting 101.

Steve Early
AD6VI

"Ifn u cn rd ths, u mite be a ham"

By Michelle Thompson W5NYV

Which do you think is faster at transmitting a message? Morse code? Or text messaging on a cellular phone? There have been several interesting match races appearing in the media over the last few weeks, with CW winning handily over the hip-and-happening text messaging crowd. A mid-April 2005 battle sponsored by Powerhouse Museum in Sydney, Australia pitted 93-year-old telegraph operator Gordon Hill won against 13-year-old text messenger Brittany Devlin. Gordon Hill won in all four heats. Furthermore, Gordon sent the full text of the competition message, while Brittany was allowed to use abbreviations.

Abbreviations are common in traditional telegraphy and in amateur radio CW. Most everyone is familiar with the Q codes (e.g. QST, QRZ, QTH) and some are familiar with the telegraphy abbreviations (abt=about, agn=again, ant=antenna) but text messaging compresses any word that can be compressed. Some of the abbreviations are reinventions of the telegraphy shorthand. Other common text messaging abbreviations seek to eliminate the letters that are on the same number key, in order to take advantage of the automatic next-letter jump when going from one key to another in text mode. Other abbreviations eliminate

unpronounced letters. Some examples of common text message abbreviations are ur=your, ty=thank you, and pls=please. See http://www.webopedia.com/quick_ref/textmessageabbreviations.asp for an entertaining list of many additional text messaging abbreviations.

Perhaps the most widely seen contest between text messaging and Morse code was the recent segment on The Tonight Show with Jay Leno. To see the segment, follow this link. http://www.kkn.net/~n6tv/Text_vs_Morse_Leno_2005_05_13.wmv

The show ran on the 13th of May, 2005. The Morse code team was Chip Margelli, K7JA and Ken Miller, K6CTW, dressed in traditional telegraphy garb. They sure looked spiffy in their green shades, white shirts, black slacks, and old-school arm-bands. The costumes, Ken Miller says, were the producers idea, but both Chip and Ken had fun wearing them.

Ben Cook and his friend Jason were the text messaging team. They were hip and cool in their jeans and T-Shirts. Ben had established his reputation as fastest text messenger at some time previous to the contest by typing 160 characters in 57 seconds. In English, five characters per word is the standard used

(Continued on page 8)

HAM RADIO OUTLET

H
R
O

Tom KM6K
Ron N6OMW
Jose XE2SJB
Bob KA6EKT

KENWOOD
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DIAMOND
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Dec98

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.

JUNE 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 <i>Club Meeting</i>	2	3	4
5	6	7	8 <i>Board Meeting</i>	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

If you would like to include information for the calendar, please send an email to: **SCOPE@palomararc.org** by the 18th of the month

Schedule of Events

- June 1—Club Meeting
- June 8 -Board Meeting

PARC NETS

- Sunday** 0830 146.730 ARES
- Sunday** 2045 146.075 MARA Emergency Services
- Monday** 1915 146.730 RACES Sub-Net
- Monday** 2100 146.730 Microwave Net
- Tuesday** 1900 147.130 Red Cross Net
- Tuesday** 2100 146.730 Off-Road Net
- 2nd Wednesday** 2100 146.730 PARC Board Net
- Thursday** 1930 147.075 Young Hams Net
- Thursday** 2100 146.730 Ham Help Net
- Friday** 2100 146.730 Hiker's Net
- Saturday** 2000 52.680 6 Meter Ares Net
- Tue/Thu/Sat** 2000 146.730 NTS Traffic Net (SDCTN)

Last Month

Goodie Table



May Meeting Goodie Givers

KG6RCW Tom
K3PXX Terry

Club Membership

New Members Joining PARC: **KG6YZE, Sam Runyon (no call yet)**. We had 3 "old" members reinstate their membership. Welcome back.

Be sure to check your label this issue, your "participation points" are printed there. Zero's are not printed. Come to the monthly club meeting, get 1 point, bring something for the Goodie Table, get another. Field day is a great way to earn points, setup, operate, help, tear down, etc. Be sure to sign the sign in sheets! Participation points are exchangeable for prize drawing tickets at the Annual Club Picnic. (Max 20 tickets per person. Several have 20 or more points already!)

AI
W6GNI

Last Month's Fold & Staple Crew



KR6BT Merle	WA5ACE
Sonny	
KB6NMK Jo	& Toby
KB6YHZ Art	KG6AEW Bill
W6GNI AI	& Kathy
W6YOO Harry	

For Sale

(5.20) For sale: Palomar Engineers LA-1 Loop Amplifier with Omega (10khz-40khz), LF (150khz-500khz), and BCB (500khz-1600khz) loops. \$200.00. (Other loops are available from Palomar Engineers) Bob, KY6P, 619-318-2217.

(5.20) Tempo S-2 (220 Mhz) Handheld with SS-32 PL & DTMF built in. With Charger \$50.00. Galaxy Electronics PR550 Phone Patch \$20.00. Panasonic KX-F155 Combo FAX/ Answering Machine \$30.00. Texas Instrument TI-2000 AT Slim Line Laptop w/3.5 disc drive 20 Mg HD w/ac adaptor (ideal for portable Packet) \$20.00. Panasonic DT-680 Ci-Amp Music Center w/ wireless remote control \$40.00. Panasonic (New-unopened) ST-C30 Super VHS Compact Video Tape \$2.00/ea. VHS (New-unopened) Compact Adaptors to Regular VHS, \$10.00. Yaesu FT-230R Two Meter mobile transceiver w/SS32PL \$50.00, Epson C60 Ink Jet Printer (New-unopened) \$60.00, Avenger 4000 Commercial Alarm System, 2 Sirens, Keypad, 8 PIR's, 1 sonic, \$100.00 OBO, 13 inch Sony Industrial color monitor Model PVM-1390 \$40.00, International Audio/ Video Studio Processor for Duplicating \$50.00, Powertrac Bionix 3/4 Hp Treadmill \$40.00, Celestron C-8 Catadioptric Telescope w/heavy duty Tripod, numerous eyepieces including X2 Barlow Lens with planetary clock drive \$800.00. Contact Dennis K7DCG, 858-748-9046 or email K7DCG@AOL.COM

(4.20) I have a TS 940S that needs a good home. Has the CW filter and comes with a Shure 444D mic for \$500.00. Original box and manual and has been in storage for the last 11 years. Also have a 2 meter handy talkie, IC2AT with drop in charger for \$50.00. Nice deal for someone that needs them. Paul Wood , KA5STX , 619-445-7933

(3.20) For Sale. HP 5105A Freq. Synthesizer w/5110B Driver. Output from 100 KHz to 500 MHz in 0.1 Hz steps w/ manual \$395. Richard- W6RLC 619-224-9900

(2.11) Tempo S-2 (220 Mhz) Handheld with SS-32 PL & DTFM built-in. With Charger. \$60.00, Galaxy Electronics PR550 Phone Patch \$20.00, 2.4 Ghz

Personal equipment ads** are free to members and could be "bumped" after 3 mo. Make up your ad like the ones below and send to the email address below **before the 18th of each month.

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

SCOPE@palomararc.org

Wireless CCD color CCD camera w/5 inch LCD Color Monitor complete \$50.00, Panasonic KX-F155 combo FAX/ Ans Machine \$40.00, Texas Instrument TI-2000 AT Slim Line Laptop w/3.5 disc drive 20 Mg HD w/ac adaptor (ideal for portable Packet) \$25.00, Panasonic DT-680 BI-Amp Music Center w/wireless remote control \$60.00, Panasonic (new-unopened) ST-C30 Super VHS Compact Video Tape \$2.00/ea, VHS (new - unopened) Compact Adaptors to Regular VHS, \$15.00/ea, Too Numerous List -

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Panasonic Electronic accessories (email your request or call) , Yaesu FT-230R Two Meter mobile transceiver w/SS32 PL, \$70.00, Dell E551C 15 inch computer monitor (new - unopened) \$60.00, Epson C60 Ink Jet Printer (new- unopened) \$60.00, Avenger 4000 commercial alarm system 2 sirens, keypad, 8 PIR's , 1 Sonic, \$100.00 OBO, Contact Dennis K7DCG, 858-748-9046 or email K7DCG@arrl.net

(2.11) Swan 350 with matching power supply and lollipop mike, asking \$250.00. Kenwood tm201B FM 2 mtr Transceiver, asking \$50.00., Hallicrafter

ht-40 transmitter with ha-5 vfo, asking \$175.00., Yaesu ft2700rh fm dual bander, asking \$85.00., 3 window mount air conditioners in the original box, 10,000 btu, 7,800 btu and 6,000 btu, asking \$100.00 per unit., Yaesu ft-221 all band 2mtr (base) lsb, usb, cw, am and fm, asking \$175.00., alf pettersen, wb6taw, 760.941-2428, e-mail: wb6taw@sdccu.net

(12.9) The R-8 is now off the house, still for sale @ \$200 which is a deal, Diamond 500X dual band antenna \$50 and dual band beam antenna 144/440 is also up for sale @ \$50, contact James @ 760-722-2797 or E-mail to no8rf@cox.net

(11.28) Ameritron 8L-811H linear, like new, \$650. FT10R HT \$115, FT11R HT \$125, TM241A 2M mobile 75, TH-225A HT + ext mic \$50, P/S Alinco 330MV \$50, MC-60 desk mike \$75. High Sierra Sequoia/Pro motorized vertical, 3.5-30Mhz., new condition, assembled, tested, never used. \$500W3LFR, 858-774-0733 days, 858-780-9593 eves.

(11.16) CUBIC ASTRO 150A TRANSIEVER FIX OR MOBILE 10-160M SSB 100WPEP w/PS and Manual \$300, KENWOOD 2M TRANSIEVER MODEL TR-7330 5-25W w/AUTO PATCH MIKE MC-46 w/ARX-2M ANT, MANUAL \$200, ASTRO PSA w/ MANUAL \$25, SWAN LINEAR AMP MODEL 1500Z, 1500 W PEP, w/ MANUAL \$400, HY GAIN ROTOR w/ CONTROL BOX AND MANUAL \$100, REMOTE MOTOR DRIVEN COAX SW 6 POS w/CONTROL BOX \$100, PALOMAR SWR-PWR METER w/ MANUAL MODEL M-827 0-200W \$50, SWAN SWR-PWR METER MODEL SWR-1 w/MANUAL \$20, DUMMY LOAD 1KW \$10, B&W G POS COAX SW MODEL CSAGG 1KW \$20, CUBEX 4 EL QUAD 30' BOOM w/QUAD ARMS FIBERGLASS SPREADERS w/ INSTRUCTION MANUAL \$150, KRIS W6KTE 760-941-3555

(Help Wanted Continued from page 1)

Public Service in an ideal opportunity and there a number of organizations that use our help. There

are opportunities for ALL amateur operators, from those that want to stay at home and watch the neighborhood, to those that want to work in an EOC, right out to those that want to see for themselves what is happening in the field.

A short list of opportunities, with points of contact:

San Diego/Imperial Counties Chapter of the American Red Cross -
tthompson@sdark.org
Radio Amateur Civil Emergency Services (RACES) - gerry.
sandford@sdsheeriff.org
Community Emergency Response Teams - CERT San Diego -
cert@sandiego.gov
San Diego County CERT Council -
sdcert@sdcertcouncil.org
Amateur Radio Emergency Service -
nz6t@arrl.org
Salvation Army - Don_Read@usw.
salvationarmy.org
Skywarn - National Weather Service -
edwin.clark@noaa.gov
Red Flag Patrol - rbeisigl@csst.net

There are many more agencies/organizations that a civic-minded HAM can assist. We witnessed many of these agencies respond to the wild fires of 2003. We need to get on board with them now, learn whom they are, and how we can help them to help us protect and justify our amateur radio bands.

If we really care about our hobby, we would not let people continue to say: "There aren't enough trained communicators".

Let's become be trained and ready serve our communities by serving these organizations.

Steve Early
AD6VI,
President, Palomar Amateur Radio Club

Web Pages

PARC's Home Page -

<http://www.palomararc.org>

Rod's - AC6V

<http://www.ac6v.com>

ARES Alert Publication

<http://sanarrl.org/alert.htm>

Tom's Hiker's - KF6PAZ

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

Echolink

<http://www.echolonk.org>

IRLP

<http://www.irlp.net>

The Friday "Lunch Bunch" de KA6K

www.KA6K.com

Handy URLs for HFers

HF Beacons from around the world (on the same frequency for each band)

<http://www.ncdxf.org/Beacon/intro.html>

Current Solar Reports

<http://www.wm7d.net/hamradio/solar/index.shtml>

<http://www.wn6k.cts.com/>

DX Packet Cluster Spots via telnet (N7OD in Hemet is a good one)

<http://www.cpcug.org/user/wf eidt/Misc/cluster.html>

World wide DX Spots

<http://oh2aq.kolumbus.com/dxs/>

Latest DX Operations

<http://www.ng3k.com/Misc/adxo.html>

Contest Calendar and Rules, required reports, etc

<http://home.online.no/~janalme/hammain.html>

Six Meter Beacons Map

<http://www.qsl.net/k9mu/map.html>

Much more on HF and DXing - Nets, Maritime Mobile, DX Nets, Prefixes, Distance and beam headings

<http://ac6v.com/dx.htm>

Rod, AC6V

Treasurer \$\$\$

Jo Ashley KB6NMK@amsat.org
February 28, 2005

Checking	\$1,752.66
CD	\$2,722.92
CD	\$3,440.08
CD	\$2,877.56
CD	\$2,877.62
Post Office	\$98.37
Total	\$13,769.21
Pre-paid Dues	\$7,269.00
Property Ins.	\$2,400.00
Total	\$9,669.00
Equity	\$4,100.21
Total Liabilities & Equity	\$13,769.21

PARC Testing

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

Contact - Assi Friedman KK6KX

858 792 3427

Call during work, ask for by name.

kk6kx@amsat.org

EARS Testing

Escondido - LAST Saturday at 9:00 am Fire Station #1
Escondido Fire Department
310 North Quince Street
Escondido, CA 92025

Contact Harry W6YOO

760-743-4212 or

W6YOO@amsat.org

10 Meter Net

Monday - Friday

8:00 pm Local time

28.340

WA9MTP Dennie in Vista is net control.

(If N U Can Read Continued from page 4)

to measure typing speed in words per minute. Using an average of five characters per word, that's just about 32 words per minute. Knowing that text messengers might be able to use abbreviations to lower the letters per word, that could raise the words per minute rate by quite a bit. By cutting out only one letter in every other word in a text message, one can increase the words-per-minute rate to nearly 37 words per minute. In other words, the word-per-minute rate might be expected to be in the ballpark of Morse code. However, that's neglecting the time it takes for the text message to propagate through a cellular phone system.

For the contest on The Tonight Show with Jay Leno, the sending members of the team sat at one table on the left-hand side of the stage and the receivers sat at another table on the right-hand side of the stage. Ken Miller decided that he would be the Morse code receiver because he was less bothered by the crowd noise. A card with the message to be sent was placed face-down on the table. At the word Go, the sender turned the card over and began transmitting the phrase on the card to the receiver, each using their particular technology. You could see the small radio and key that Chip was using to send as well as the small radio and speaker that Ken was using to receive. The Morse code was clearly audible in the studio.

Jay Leno continued talking during the contest, but that didn't seem to bother either team, as they were completely and totally focused on the task at hand.

Ken writes, "The radios were FT-817's provided by Chip's company Yaesu and HRO. Reason for that choice was that we needed the most frequency agile radios we could get. When I talked to the technical folks, they recommended we START at 2 meters and go up because of all of the lower frequency noise and RFI from the other TV equipment. When I got there, we took out a spectrum analyzer and studied all of the interference possibilities. I ended up choosing 432.200 MHz because that guaranteed no RFI from their equipment and we were high enough not to overload their front ends either. This was then verified and it was what we were using at the FT-817's lowest setting.

Ken continues "Also, since we did not have the time to set up headphones, I just added some extra volume for me, had the stage folks cut my mike (to prevent feedback and overload) and copied off of the speaker. To re-emphasize the point, I'm just an average CW op who occasionally operates the CW SS QRP, with my K2 of course, and really enjoys CW, and traffic handling.

Therefore, the contest was between someone who considers themselves an average CW operator against the fastest text messengers the Tonight Show could find to fly in for the show.

Ken explained that he was confident that 28-30 wpm would easily keep them in front of even the current

world record holder of fastest text messenger, and also it is the fastest speed that he could make nice readable copy on paper with a pencil, which is what he used to write down the message.

Interestingly, Joe Drago, who is a props manager for the show, is KF6OCP. There were three rehearsals for the skit. Morse code won every time. In the segment that aired, Ben Cook was getting ready to enter the last two words when Ken and Chip finished their transmission. The text was not revealed to either team beforehand and was different in each rehearsal as well as for the live event. Ken's wife Connie was very much responsible for the producer deciding to go ahead with the segment, as she talked up the concept on the phone and sold the idea of the segment working. Ken says that without her efforts, the segment would never have happened.

If you enjoyed the segment, PLEASE email, write, etc. to let "The Tonight Show" know about it. Exposure for our hobby is a powerful tool for protecting it, increasing awareness of it, and attracting new members to it. Think of the number of people in the studio audience alone that day that were introduced to Morse code and ham radio in an entertaining, accessible way. Give the show some feedback! Send them your QSL card as a thank-you. Here is the address.

Tonight Show with Jay Leno
3000 W. Alameda Ave.
Burbank, CA 91523

Very special thanks to Dennis Vernaccia N6KI, Art Wallace W6KY, and Roger Thompson AD5T for contributing to this article.

RALPH CORSSMAN
K6HAV SK
12/26/1920~2/28/2005

Ralph over the years helped guide the club through many rough times and served the club in many official ways: SCOPE editor, Board Member, Repeater site Chairman, Field Day Chairman, Technical Chairman, etc. He also held many unofficial posts: recruiter, influencer, property custodian, repeater site scrounger, advisor, etc.

The Palomar Club would not be what it is today if it were not for K6HAV.

Ralph K6HAV produced a regular two page newsletter which had the heading of SCOPE. This first regular newsletter was produced on legal size paper (8.5x14) because it was easily run off on his old model 15 teletype machine so all the printing was in capital letters. Later on Ralph introduced the club to a SCOPE produced with one of the first IBM computers. There was also a short stretch of time when he did the SCOPE on an electric typewriter. A lot of what Ralph did in the begining was real "cut and paste" as he was learning. Ralph was the club editor for 17 years.

Ralph certainly was my "guiding light" during the time I was active in PARC and was always available for consultation .. even when not asked for!

The following is an obituary that was published concerning Ralph's passing. I have included the entire paragraph for those older members of PARC that knew K6HAV.

For me, K6HAV, will always be remembered for being a true Marine with a Marine "can do" attitude.

73, Stan W9FQN

vvvvvvvvvvvvvvvvvvvv

Crossman, Ralph Lt. Col Ralph Barrett Crossman
 (USMC Ret.)
 12/26/1920~2/28/2005

Ralph Barrett Crossman passed away on February 28, 2005 at the Utah State Veterans Nursing Home. He was born December 26, 1920 in Upland, California to Ralph and Lucille Zander Crossman. Married Elaine Thelma Cone in 1944. They had three children Ralph, John and Susan. Elaine passed away in 1973. Married Patricia Maree Casper in 1976 at Camp Pendleton, California. Joined the US Marine Corps Reserves in 1938.

Called to active duty December 7, 1941 and served in three wars: World War II, Korea and Vietnam. He retired in 1967. He held an Extra Class Amateur Radio

Licence with call sign K6HAV. He was a member of

the Capitol Hill Kiwanis Club. He is survived by his wife Patricia, son Ralph Barrett Crossman II; three granddaughters: Charif Dianne Martin (Fred), Elaine Jovann Crossman and Samantha Ilea Crossman; three great grandchildren. Preceded in death by son John Douglas Crossman and infant daughter Susan Taylor Crossman. Also survived by step daughters: Catherine Lynn Waddill (Alfred) and Nancy Jean Kendall (Robert); step grandchildren: Eli Waddill, Erin Norton (Neil), Lisa and Michael Kendall, and Brian Gassner. Funeral services will be held Thursday, March 3, 2005 at 1:00 p.m., Capitol Hill 2nd Ward, 413 N. West Capitol St. Viewing will be held Wed., March 2 from 6-8 p.m. Larkin Mortuary, 260 E. South Temple. Interment Salt Lake City Cemetery. The family wishes to thank the staff at the Utah State Veterans Nursing Home for their loving care and kindness. Published in the Deseret News from 3/1/2005 - 3/2/2005.

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