

jpl → W6VIO

# CALLING



SEPTEMBER 1987

VOLUME 17 NO. 8

Juvenile Diabetes Foundation Presents its

THIRD ANNUAL BENEFIT WALK

To Promote Research and Education

Sunday September 27, 1987

7:30 AM to 2:00 PM

Griffith Park

Volunteer Amateur Radio Operators with 2 meter or 220 MHz capability needed to help with Health and Welfare Communications for the walk. An estimated 2000 walkers will participate. Approximately 10 operators will be needed to effectively handle communications around the course. For information or to volunteer, Contact Dick Wetzel, WA6JBZ, at Ext. 4-2291 or the secretary at Ext. 4-2871.

Rick KA6DAN



### MAIL STOP

Jet Propulsion Laboratory  
W6VIO Calling M/S 264-419  
Eileen McKinney - Editor  
4800 Oak Grove Drive  
Pasadena, California 91109

PRESIDENT: Carl de Silveira KG6LG  
VICE PRES: Walt Mushagian K6DNS  
SECRETARY: Sid Johnson WB6VWH  
TREASURER: Rick McKinney KA6DAN  
TRUSTEE: Jay Holladay W6EJJ  
EDITOR: Eileen McKinney KA6DGV

Club Meetings: Second Wednesday of the month at 12 Noon in 301-271. Everyone is welcome - Bring your lunch!

Board Meetings: Fourth Wednesday of the month at 12 Noon in 301-271. Everyone is welcome - You don't have to be a Board member. Bring your lunch!

Newsletter Article Deadline: The 7th. day of each month. If the 7th. falls on a weekend, the following Monday will be the deadline.

Your articles, ads, photos, diagrams, instructions or Letters to the Editor should be submitted to the address above.

Permission is granted to copy enclosed articles providing credit is given to "W6VIO Calling".

Statement Date 9-11-87

JPL - AMATEUR RADIO CLUB

TREASURER'S REPORT

MONTH OF AUGUST 1987

General Ledger - ERC Account # 317

OPENING BALANCE . . . . .	\$ 419.53
INCOME . . . . .	914.50
EXPENSES . . . . .	- 107.29
CLOSING BALANCE . . . . .	1226.74

(ERC Grant Balance = \$ 643.98)

INCOME: Membership Dues . . . . .	\$ 15.00
Hot Dog Sales Income . . . . .	883.50
Autopatch Income . . . . .	16.00
Total	914.50

EXPENSES: Photo Support-Tune Up Clinic. . . . .	69.29
(Dan MacMedan)	
Postage: Off-Lab Mailings . . . . .	22.00
(Sid Johnson)	
Autopatch Expenses. . . . .	16.00
Total	107.29

Respectfully Submitted,

R.P. McKinney, Treasurer

Thanks to Northrop ARC Bulletin via  
Hughes ARC-

The Digital Front

Chris Wachs, WA2KDL

If you have not heard by now, Packet is here to stay! In my past Digital Front news, I have been reporting Packet news with an L.A. emphasis. I will continue this emphasis with the following information.

You have gone and bought your own TNC and it's all hooked up to your computer and the 2 Meter rig. On what frequency do you give someone a call?? Here's the straight scoop on who operates where and what kind of data is transmitted.

On 146.745 MHz (-.600) is a Packet only repeater on Mount Bill. This repeater only works when TNC tones appear on the input. Set your transmit delay (TXD) to 9 to account for the repeater key-up delay. There is a digital net on this repeater on Monday nights. Remember to have your monitor on for the digital net.

On 145.36 MHz simplex is the LA to LA Packet frequency. This is a local area frequency with many digipeaters on the channel.

144.76 MHz and 145.03 MHz simplex are used in the local area for transfers of large files.

145.01 MHz simplex is called the West Net. This frequency should only be used as a long haul network and as a calling frequency. As a courtesy to other users, it is recommended that all local contacts (one digipeat or less) be moved off of this frequency to one of the other local Packet channels after initial contact is made.

145.05 MHz simplex is a second long haul network channel and should be used in the same manner as 145.01 MHz.

441.500 MHz simplex is the local area Packet channel on the 420 MHz band.

14.1035 MHz and 10.1471 MHz are the HF Packet frequencies using the Bell 103 tones.

If you are new to Packet and want more information connect to WB6YMH-2 on 145.36 MHz simplex and request a print of the file "Newuser.inf." If you intend to print out the file make sure you have plenty of paper!!

EDUCATION REPORT

BY Mark Schaefer WB6CIA

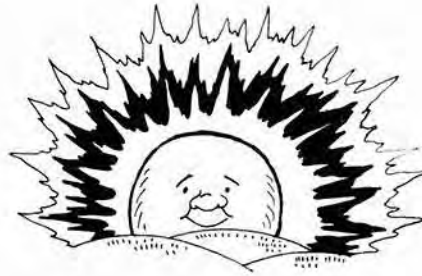
Well it's fall again and time for another Novice Class. This year we should find an even bigger pileup of future hams. But we need you HELP in several ways. Tell everyone you know about the class. Offer your time for a week or two to help instruct the newcomers and stress the new regulations that allow Novices to use phone on the 220 band (give them a demonstration on the JPL repeater).

Class starts on October 5 at noontime at 301-271 and will meet every Monday and Wednesday for 10 weeks. We will split the time between code and theory with a visit to the Radio Shack for a demo of Ham Radio in action.

If you need more information or would like to help you can contact me, Mark Schaefer, on WB6CIA 168-314 x4-6504 TNX & GUD LUK.

O'scope, Du Mont 401, 5 in. CRT, 0.1 - 100 V AC/DC on X and/or Y inputs, recur or driven sweep 10 uSec to 25 mSEC/in., some trace drift with time.  
\$50, WA6MYJ (818) 249-9367

XMTR, Hallicrafters 10-80 mtr with 6 mtr XVTR. Xcel cond., (6 mtr xvtr needs pwr supl).  
\$150 WA6MYJ (818) 249-9367

DX NEWS

September is upon us and according to the LIDX Bulletin, we are in for a great month. Rather than "preambing" you to death, I'll get right on with the "heavy stuff".

**ANDAMAN ISLAND** - Look for a reappearance of the VU boys operating from this rare location from 6 to 26 October. The last group ran very low power and were very marginal on the West Coast. Perhaps we will be luckier this time.

**CROZET ISLAND** - FT8WA makes his presence known daily on 3795 kHz from 0300Z. We may have propagation from the West Coast. It also may be too early in the year.

**EGYPT** - Look for SU1SK near 14010 kHz from 0001Z, also SU1FN on 14247 kHz from 1830Z.

**GEORGIA** - UA3EAC/UF and UZ3EXB/UF both plan cw and ssb activities on all bands during mid-September.

**KERMADEC** - ZL8HV operates from 14185 to 14200 kHz from 0200Z and again from 1200Z. He'll be active through the month of September.

**MONGOLIA** - OK1XC/JT can be worked on 14006 kHz from 0200Z.

**MOUNT ATHOS** - Look for 5X5GK sporting an unspecified SV0 call to bring Mt. Athos to life for 10 days starting between 10 and 15 September.

**WESTERN SAHARA** - This probable new country is expected to surface almost immediately for about 10 days. Rumored calls are S0DX and S0CW.

Keep praying to the DX Gods. With any luck, we may all be able to catch up with a few new ones this month.

73's and good DX,  
Bob, N6ET

AMATEUR RADIO OPERATOR LICENSE EXAMINATIONS

Technician thru extra class amateur radio operator FCC examinations are conducted the first Saturday of each month at the LERC Amateur Radio Club. Pre-registration is preferred. A s.a.s.e. to LERC, 2814 Empire avenue, Burbank, cal. 91504, will bring an FCC form 610 application and associated information. Walk-in applicants accepted as space permits. Novice tests are scheduled at mutually satisfactory times.

VEC EXAMS

The San Fernando Valley Amateur Radio Club gives examinations on the first Saturday of each month. Exams are held at the Van Nuys Red Cross Building, 14717 Sherman Way, Van Nuys, from 0900 to 1300 hours. Pre-registration is preferred and is usually limited to the first 25 applicants. For further information, contact Bill Bell, N6GLD at 818-762-5895.