



THE WELCOME MAT IS OUT FOR YOU - PLEASE COME!!!!!!



CLUB MEETING: 12 October 1983 - 12 Noon -
Bldg 238-543

Everyone is welcome - So bring your lunch and enjoy the scheduled program.

W6VIO CALLING

OCTOBER BOARD MEETING: 26 October 1983 - 12 Noon -
Bldg. 238-543

You don't have to be a Board Member to attend. Come and Support your Club with your interest.



HAPPY HALLOWEEN! DRIVE CAREFULLY BECAUSE LITTLE TRICK OR TREATERS WILL BE RUNNING WILD AND DEPENDING ON YOUR EXTRA CARE!!!!



MAIL STOP: Jet Propulsion Laboratory
W6VIO Calling-M/S 233-208
Attn: Eileen McKinney-Editor
4800 Oak Grove Drive
Pasadena, California 91109

Club Meetings: 2nd Wednesday of Month
12 Noon in 238-543. All welcome!

Board Meetings: 4th. Wednesday of Month
12 Noon in 238-543. All welcome!

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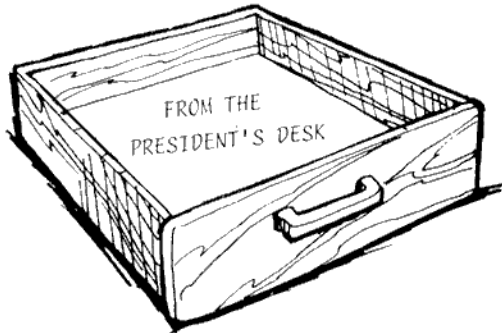
PRESIDENT: John Repar WA6LWD
VICE PRES: Paul Goodwin KO6D
SECRETARY: Mike Stewart WA6VQ1
TREASURER: Kerry Erickson N6DSG

DIRECTOR AT LARGE: John McKinney N6AVW
Trustee: Jay Holladay W6EJJ
Emergency Comm: Merv MacMedan N6NO
Editor: Eileen McKinney KA6DCV

Club Sponsored OPEN Repeater: W6VIO/R 222.44 in/
224.04 out. Has user operated link to WB6T2S on
Table Mountain. Closed Repeater Member Only with
autopatch. 222.48 in/224.08 out.

NETS: Amateur Radio News: Tues 8 PM on W6VIO/R
OSCAR News Net: Wed 8 PM W6VIO/R

Club Simplex Frequency: 223.4.



PRESIDENTS COLUMN

Several weeks ago while QSL'ing our 220 Net, I turned on my keyer in order to practice CW. What a shock, I had to send my own call sign several times before I was able to complete it without a mistake. I hesitate to guess how many times it would have taken with a straight key. Fortunately, there was no need to try since I had donated it to a nephew many years ago. What brings this up is that I sat in on our initial code class for novices this fall. It was refreshing to witness a new crop of hams taking the first step. This is another activity which our club has conducted with commendable results. If you are aware of anyone who has an interest in amateur radio, let him or her know that classes are in progress and that it is not too late to begin.

(John Repar WA6LWD)



THE ANGELES CREST CENTURY RIDE WAS A GREAT SUCCESS

The Radio Club provided communication between checkpoints and along the bike route. Jim Longthorne (WA6KPW), Dick Wetzel (WA6JBZ) and Jim Lumsden (WA6MYJ) put the portable repeater on Mount D, which provided communication along most of the route. Jim Longthorne spent the rest of the day at the top of Angeles Crest (Dawson Saddle) eating lunch; while keeping track of the rider's locations. Dick and Ron Zenone (W6TUZ) took turns being the "sag wagon" (following last rider). Dick Mathison (KG6Y) and his XYL were roving along the route. Booth Hartley (N6BH) and Dave Wanger (N6GGJ) not only helped with communication but also participated in the ride. While Deril Schmitt (KA6YIX) monitored the repeater frequency, ready to help at the first sign of trouble. Thanks to Terry Evans everyone had more than enough food for lunch.

(Bruce Beaudry WD6HEZ)

DX NEWS BY
BOB N6ET

DX NEWS

Another month has gone by. I'm pleased to report that I heeded my own advice from last month's column and finally caught up with FB8WI on SSB! All I need to do now is to collect five outstanding QSL cards to get on the ARRL Phone Honor Roll. Anyone know how to get QSL's from Russians??? Now for the "good stuff".

Fr. Polynesia - F083D claims he may have found a candidate for a new country. Look for him at 14235 kHz daily at 0200Z.

Cameroon - TJ1AF is occasionally on a net which meets at 21334 kHz at 1900Z.

So. Yemen - 701AB is still a possibility in early October. No other information is available, but listen on the 20 meter long path in the morning for your best shot at this one, if it happens.

China - Lots of activity planned this month from China. Look for VE7BC operating BY1PK starting 4 October at 0200Z on 14145 kHz and listening 14180-220. I understand he could operate for up to 6 weeks from 0200 to 1600Z daily! Also, BY4AA is opening from 12-15 October both CW & SSB on 10-40 meters. This may be our lucky month!

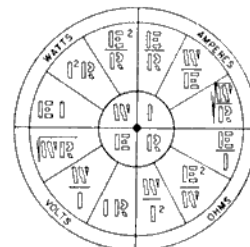
Malpelo - The Colombians will put this all but inaccessible island on the air as HK0TU from 11-16 October on 10-80 meters, both CW & SSB. Work this one if you can. It's been a long time since it's been active. I still need it on SSB! Look for them 25 kHz above the low band edge on CW and on SSB on 28595, 21295, 14185, 7085 & 3795 kHz.

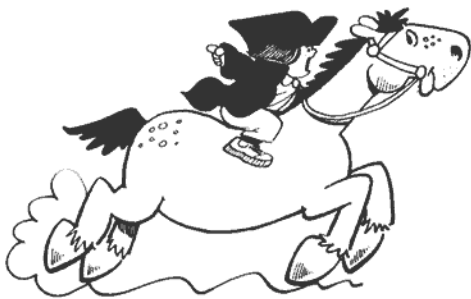
Chatham Islands - Look for ZL40Y/C on 21345 kHz from 0000Z.

It looks like there's a lot of relatively rare DX possibly showing this month. Have a ball in the pileups.

(Bob N6ET)

OHMS LAW





JPL AMATEUR RADIO CLUB

MINUTES OF THE BOARD MEETING

24 AUGUST 1983

PRESENT: J. Adams, K.Erickson, P. Goodwin,
J. Holladay, G. Morris, J. Repar,
S. Sander, M. Stewart

1. A quorum being present, the Board Meeting was called to order by President John Repar.
2. The minutes of the July Board Meeting were distributed and approved.
3. Kerry Erickson provided the Treasurer's Report, with a funds balance of \$789.38 as of 24 August. Kerry stated that the current club budget had been based on receipt of an ERC grant, which has not yet been applied for.
4. John Repar reported receipt of a letter from Brazil requesting information on the STS-9 ham operating frequencies, which has been forwarded to the ARRL for answering. A letter has also been received from ARRL describing the coordinated PIO effort for the STS-9 Amateur Radio operations. Additionally, a set of orbital parameters for the nominal STS-9 mission has been sent to us by the Johnson Space Center ARC, and repro copies will be made available to interested members.
5. Paul Goodwin reported that the Summer Code Classes, with John Walsh instructing, have gone well, and that information on the proposed Novice exam questions, which will be used by the Club in administering future Novice exams, has been received. Paul expressed his concern on the current employee-employee test administration constraint. Jay Holladay stated that the ARRL has filed a petition requesting relaxation of this rule, since it adversely affects many organizational clubs such as ours.
6. Stan Sander provided a facilities status report: the large beam rotator is operable from the remote switching box at the water tanks, with the control line to the shack yet to be connected; the last hardline has been fixed; the dipoles are yet to be reinstalled. Stan will be organizing a Work Party for cleaning and restowing the Club Shack. Stan

also recommended that the next major facility work should be to repair and upgrade the station satellite equipment for use with OSCAR 10 and STS-9. A general discussion ensued on equipment upgrades required. Stan stated that a new elevation rotator is needed, together with two new antennas and a low-noise preamp, and that a new 432 transceiver is desirable. Jay Holladay recommended that a turnstile or vertical antenna, with a borrowed power amp, should be utilized for the STS-9 operations. (Jay strongly recommended that the Club work STS-9, and that a video tape of the operation be provided to the ARRL.) Jay also recommended that new 2m and 70cm antennas, a low-noise preamp, and a power amp be procured for OSCAR 10 ops. Stan and George Morris agreed to put together a proposal for the satellite equipment upgrades.

7. It was moved by Kerry Erickson, second John Repar, that an ERC grant proposal be drafted, with the grant funds to be utilized for implementation of the satellite equipment upgrades and repair. Motion approved by Board vote.
8. Jay Holladay provided additional information on the ARRL Special Service Club (SSC) program, with the main intent being to strengthen the ARRL - area club relationship and services. Although optional for the JPL ARC, it was Jay's recommendation that we proceed to affiliate as an SSC. (Note: the SSC application is in work.)
9. Jon Adams, WA6IRH, reported that he and a group of interested friends are installing a 450 voice and packet radio repeater in the Palos Verdes area. Jon is interested in contacting other members interested in packet radio.
10. The meeting was adjourned at 1300.

J. M. Stewart
Secretary



Strange sounds lure you into a room
Your fingers are becoming knobs
A human body which was you takes on the form
of a, yes, a radio
The mind can't make sense of it but
The body is gone
You have become
SOLID-STATE.

BY LES CAMMER
WB6OLL

OWEN GARRIOTT - W5LFL - Launch date for the mission is now set for October 28th. and the ARRL will be the QSL manager. You will transmit from 144.910 to 145.470 (in 20 kHz steps) and listen on 145.550.

Garrriott will transmit on the even minutes (for one minute) and then listen on the odd minutes (for one minute). He will log all calls heard and then acknowledge the calls heard. There may also be the possibility of regular-type QSOs.

Ground stations should be able to make excellent contact with 10 watts to a vertical. However, a turnstile antenna - - no higher than rooftop level (giving a higher angle of transmission) - - may be preferable at times. In fact, it is believed that 1½ watts into a "rubber duck" will be sufficient for contacts. The signal from Columbia will be strong enough to be received on a scanner indoor antenna.

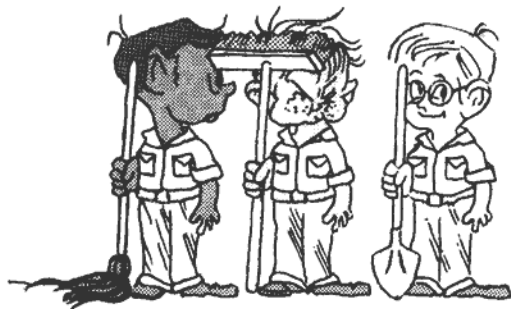
Columbia - will have an altitude of 155 miles and will circle the Earth in 90 minutes. Garrriott's amateur activity will be on his rest periods. The crew will have a 12-hour work schedule and a 12-hour off schedule.

Garrriott will call for areas or sections of the countries he passes over. With an inclination of 57 degrees, most of the Earth's land will be covered during a day. It is expected that Garrriott's operating time will be about one hour per day. He hopes to make contacts with amateurs in all nations.

The ARRL will furnish you with press information for your local media, and it is expected this will be outstanding publicity for Amateur Radio. You could tape record the contacts and give it to your local broadcast station.

Still being worked out are HF relays to assist amateurs in tracking of Columbia. Starting on 1 September. 73's and Good Hunting. (Article passed on to us by Paul Goodwin K06D)

VOLUNTEERS NEEDED



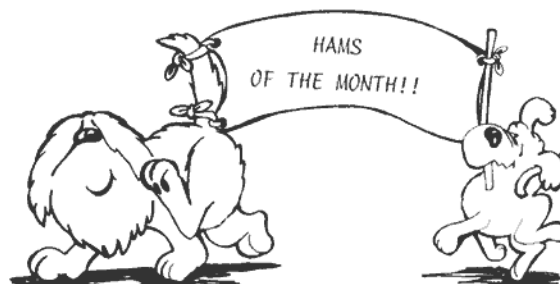
WORK PARTY PLANNED

On Saturday, October 22nd., we will be having another work party to repair, maintain and upgrade the W6VIO Station. Activities will focus on the following tasks:

1. Feedlines up to the mesa - organize and maintain.
2. Install dipoles and VHF antennas.
3. Install hardware for OSCAR 10 Satellite Station.
4. Clean up and organize trailer.

We will meet at 8:00 AM on the mesa. Refreshments will be provided. Please call me at X2625, if you think you can come. Your help for all or part of the day will be appreciated!!!

(Stan Sander N6MP)



DON LORD - Don (KA6SMU) holds a Technician Class License and has been a ham for 2 years. He was born in Caldwell, Idaho and grew up in Utah. He is married and has two grade school children. He operates on 220 MHz. His other hobbies include computers.

BOB DANTAS - Bob (N6ETS) holds a Technician class license and has been a ham for 5 years. The former WD6FNz was born in Rio de Janeiro, Brazil and grew up in New Jersey, Michigan and California. He is single and operates on 2 meters, 220 and 450 MHz. He is a member of the ARRL and also the Fullerton Radio Club where he is the membership chairman. His other hobbies include bicycling, woodworking, backpacking, mountaineering and scuba diving. He is also interested in Yoga and Tai-chi.

LINDA GOSLINE - Linda (N6IJT) holds a Technician Class License and has been licensed about 4 months. She was born in Redding, California and grew up in Barstow. She is married and operates on 15 and 40 meters and also 220 MHz. Her other hobbies include photography.