

jpl → W6VIO CALLING

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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 given to "W6VIO Calling".

PRESIDENT: John Repar WA6LWD
 VICE PRES: Paul Goodwin K06D
 SECRETARY: Mike Stewart WA6VQI
 TREASURER: Kerry Erickson N6DSG

DIRECTOR AT LARGE: John McKinney N6AVW
 Trustee: Jay Holladay W6EJJ
 Emergency Comm: Merv MacMedan N6NO
 Editor: Eileen McKinney KA6DGV

Club Sponsored OPEN Repeater: W6VIO/R 222.44 in/
 224.04 out. Has user operated link to WR6AZN 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.

REMEMBER DUES ARE DUE!!

Send your \$3 check now to
 Kerry Erickson MS 233-208.
 Off Lab members see JPL
 address above. Please hurry
 and send now to avoid time
 wasting bookkeeping for Kerry.



Pictured Above - New 1983 JPL ARC Board of Directors
 From Left to Right - John McKinney N6AVW - Director
 at Large, John Repar WA6LWD-1983 President,
 Mike Stewart WA6VQI-1983 Secretary, Kerry Erickson
 N6DSG-1983 Treasurer & Paul Goodwin K06D-1983
 Vice President. Congratulations to the Board and
 to the Club for obtaining such a fine Board for
 this year.

PRESIDENT'S MESSAGE

Our new year began with a bang. High winds caused
 the tower which supports our 40 meter beam to
 collapse. In addition, the hard line to the TH-6
 is also malfunctioning. We are striving to make
 repairs as soon as possible. There may be other
 problems which have not surfaced yet. In addition,
 some of you may have suggestions to offer concerning
 the improvement in station facilities, club
 activities or programming. Please let your views
 be known to the appropriate chairman or myself.

The following is a list of current committee
 chairmen:

<u>COMMITTEE</u>	<u>CHAIRMAN</u>
Repeater	Jim Lumsden
Emergency Communications	Merv MacMedan
Education	Paul Goodwin
Publicity	Norm Chalfin
QSL Bureau	Bruce Beaudry
Facilities	Stan Sander
Programs	John Walsh
Interference	---
JPL Tours	Gordon Crawford
Field Day	Stapleton/Sander

I have always been impressed by the activities in
 which our club has engaged. With your help, we
 will try to sustain the fine traditions which our
 predecessors have established for us.

(John Repar WA6LWD)

FEBRUARY MEETING NOTICE

The February meeting will be held on Wednesday 9 February, 12 Noon, 238-543. Topic will be "Design of a Broadband Amateur Vertical for 40-30 20-15-10M". Guest Speaker will be Paul Schou KE6ET. Paul is a JPL Contractor. As part of his amateur activities he has designed and is currently selling a line of broadband helically wound multiband vertical antennas. His novel approach to the construction may represent a valuable advance in antenna design.

MARCH MEETING PREVIEW

The March meeting will be held on Wednesday 9 March, 12 Noon, 238-543. Topic will be "A Sophisticated Computer Based RTTY, ASCII, Amtor Morse Send/Receive System". Guest speaker will be John Walsh N6UK. Why make a dumb terminal out of a fine computer. Using machine language and interrupt program, a program has been developed which maintains full use of all computer capability with split screen, active clock, full duplex, mailbox and much more. This is a no compromise approach to machine based communication.

(John Repar WA6LWD)

TELECONFERENCE RADIO NET INAUGURATED!!

On Thursday March 3, 1983 at 5:30 PM local time, Vic Clark, W4KFC, ARRL President will discuss "The Future of Amateur Radio", live, on the Club's W6VIO/R Repeater, 224.04 MHz. The event is part of the Teleconference Radio Net, a new idea in ham communications. Over 3,000 amateurs across the U.S. are expected to be tuned in with Vic by a teleconference interconnection of VHF repeaters.

Repeaters currently scheduled to tie into the net are located in such cities as Phoenix, Wichita, Minneapolis, Long Island, San Antonio, Milwaukee, Washington, D.C., Chicago, Rochester, Dallas, San Francisco and several others with a total of 18 repeaters participating. The net is organized by the Honeywell Amateur Radio Clubs of Minneapolis, Phoenix and Billerica. A multipart teleconference bridge is used to tie the participating repeaters together by telephone to a central node in Minneapolis.

The format of the net will consist of a ½ hour discussion by Vic Clark followed by a two-way Q&A session with questions fielded on a round-table basis from participating repeaters. We have not yet determined whether the W6VIO repeater will operate in a one-way or two-way mode, but one-way operation seems likely at this time. In addition, we plan to re-transmit the net proceedings after the regularly scheduled Tuesday night news net at 8 PM on March 8, 1983.

Teleconference radio nets will be held quarterly in 1983. On Thursday, June 2, also at 5:30 PM PST, the speaker will be Joe Riesert, W1JR. The topic will be "Antennas".

(Stan Sander N6MP)

CLASSIFIED ADS:

FOR SALE: Wilson 220 MHz Handi-talkie w/carrying case, charger, touch-tone pad. Has xtals for club repeater's phone patch. \$100.00.

Heathkit 2036A 2-meter mobile with touch-tone mic. \$125.00. Call Rick Endsley X2988 (lab) or 358-0604 (home) regarding either of above.

THE NOVICES ARE COMING-----

---THE NOVICES ARE COMING!

Yes, by two's and one's, our fall Novice Class members are receiving their licenses. Here are the recent additions to our ranks:

KA6YLA Dannette Erickson (Kerry's XYL)
KA6YLB Joel Smith
KA6YNR Ken Vines
KA6YJPJ Dennis Whalen

Still awaiting call-signs are: (chrono-order)

Yeeman Lo
Pete Hubbard
Al Wong
Fred Stuhr
Won Dokko

Club members willing to become "Big Brothers" for these new hams are being solicited. Remember how hard it was for you to get on-the-air and make your first few contacts? Here's your chance to return that favor! Call me at X6102.

(Paul Goodwin K06D)

TUNEUP CLINIC RESULTS

On Saturday, January 22, the club held its sixth annual VHF/UHF radio tuneup clinic. As he has done at these clinics for the last six years, Mike Santana WB6TEB, provided the professional test equipment, his garage, and his technical expertise to all who came with their sick radios. We kept warm on the chilly, rainy morning, with Mike's spirited humor and real Colombian "excelso" coffee brewed by Elvia, HK4CVV. Donuts and danish pastries were also available, courtesy of the club.

Now the results: Some 18 radios were tested and put on frequency with correct modulation levels. Surprisingly, quite a few of these needed repairs, too. One had an intermittent ground lead on a mike cord; one needed a replacement 200 pf oscillator capacitor; one had spurious receiver responses that mysteriously caused a high received noise level (which could only be seen using Mike's spectrum analyzer); one set transmitted fine on two of the four channels but there was no output on the remaining two, and it turned out to be a marginal oscillator tuning adjustment; and one receiver with extra-hot front end transistors (0.1 uv sensitivity) had to be "tamed" by staggering the amplifier tuning! All these and others were cured.

This year, six radios were "sent in" to the clinic. These were used as fill-in work between the walk-in customers. It seemed to successfully solve the complaint we had last year where some clients had to wait too long in the queue for service.

Again, many people wanted to come but were unable to. As a matter of fact, WHERE WERE YOU? Some of those most in need of a clinic are the ones that never show up! We are thinking about having another one in the summer (when it will be warmer!) If you would be interested in such a session, please give me a call at X7004 so we can assess whether there is sufficient interest. Thanks!

Merv (N6ND)



HAMS OF THE MONTH

JIM LONGTHORNE

Jim (WA6KPW) has been a ham for eight years and is a Technician Class License holder. He was formerly WN6KPW. He was born in Los Angeles, California and grew up in Alhambra. Jim and his wife Pollie have a ten year old daughter Amy. He operates on 2 meter & 1 1/2 meter and also 220. A member of the JPL ARC, Jim also belongs to BARRA-Baja Amateur Radio Racing Association (supports Baja 500 & 1000 off-road races, etc.) and he's a member of the So. Calif. SMA. He's supported various JPL ARC club activities such as Field Day and the JPL-Bike Club Runs. His other hobbies include 4 wheel drive camping and backpacking (and he takes his ham radio on both). Jim worked at JPL for eight years when and where he became a ham. In 1976 he changed his occupation to land mobile communications. After three years with the City of Pasadena he is now employed with the Los Angeles County Flood Control District. His duties include radio system maintenance, coordination with the Corps of Engineers telemetry system, and up-grading of the districts underground radio system.

WESTON WEEMS

Wes holds an Advanced Class license and has been a ham for 41 years. His call sign presently is W6PVR and he is the former W5LLL. He was born in Olustee, Oklahoma and grew up in Wichita Falls, Texas. He and his wife Phyllis have one son and three daughters. He operates on 2 meter-220 mhz-10-15-20-40-and 75 meter. In 1981 he was awarded the Barstow ARC Outstanding Award. He is a member of the Goldstone ARC, Barstow ARC, JPL ARC, Baja ARC and is President of the Goldstone ARC. He is also the Trustee of Club Station WB6MXU. Wes is the past President of the Barstow ARC and is the present Trustee of the Barstow ARC Repeater 147.15 up 600 located 5 miles north of Barstow on Flash II Hill. His other hobbies include amateur astronomy, motorhome camping, hunting and fishing. Wes is also a private pilot. During World War II he served 4 years in the United States Navy and after being discharged attended college. He worked in electronic survey of oil wells in Texas, Oklahoma and Louisiana. For 16 years prior to joining Bendix in 1961. He says that he's looking forward to retirement in about 3 years so he'll have more time to enjoy his hobbies. He is presently a supervisor at Goldstone M&I Section.

ERNIE SMITH

Ernie has been a ham for a couple of months and has been issued the call sign of N6HQK. He holds a Technician class license. He was also the former XE2ES (unofficial: 1937-40). He was born in Peking, China and grew up there until the age of eighteen. He is married with three daughters all of whom are also married. He operates on 20 meters. He is a former member of ARRL. His hobbies include an interest in emergency preparedness, tennis, and singing. Ernie spent 25 years with the NBS Central Radio Propagation Laboratory and its successor organizations in Boulder, Colorado. He is the U.S. member of International Working Party 6/8 (VHF propagation by sporadic E) of the International Radio Consultative Committee (CCIR), and has had a long-standing interest in sporadic-E propagation.

SKIP REYMANN

Skip (W6PAJ) holds an Extra Class License and has been a ham for 30 years. He is the former K2CAM, WA4EAG and W5SWY. Skip was born in Hempstead, New York and grew up on Long Island in Mineola, New York. He and his wife Nancy have 4 children; Krista - 18 who's attending USC, Carolyn - 17, Chip - 15, and Mike - 7. He operates on 80-10 meter, 144, 220 & 432 Mhz. He has been an L.A. Section winner in VHF contests and is a member of the ARRL and AMSAT. He has served as Satellite Committee Chairman. His other hobbies include computers and photography. Skip has also just started his own company. ComType - which offers Z-80 computer versions of polyFORTH II (tm) under license from FORTH, Inc. We wish him lots of good luck in this endeavor.

BOOTH HARTLEY

Booth (N6BH) holds an Extra class license. He has been a ham for 24 years and was a Novice in 1958. His former call sign was K6KVC. Booth was born in Long Beach, California and grew up in Glendale. He is single. He operates on 220 mhz and also 2 meters (outside of Los Angeles). He is a member of the ARRL. His other hobbies include running (he's run 14 marathons and 5 triathlons), bicycling (just completed 1200 mile bicycle trip through Utah and Northern Arizona), swimming, and flying (over 2,000 hours logged. He flies often in Baja with Flying Samaritans supporting medical clinics). His other accomplishments included flying AMSAT/OSCAR transponders on 3 flights around California. He also operates ham radio in Baja off-road races.



MAGICALLY THEY'LL BE MORE HAMS OF THE MONTH IN MARCH.

A 1982 RECAP OF SOME OF OUR CLUB ACTIVITIES IN PICTURE VERSION (THESE WERE WERE ACTIVITIES NOT SHOWN DURING THE YEAR BECAUSE THE PICTURES WERE RECEIVED AFTER THE STORY WAS PRINTED).



A 1982 SMA Meeting when JPL ARC members showed up en masse. A door prize drawing was held with our 1982 Secretary John Earnest holding the tickets and Michael John McKinney (son of John N6AVW and Eileen KA6DGV) drawing the two lucky tickets. The two drawn were Jim Lumsden WA6MYJ and Michael's mother Eileen McKinney KA6DGV. JPL cleaned up!



A sampling of the attendees at the 1st. Annual Unofficial - Unorganized JPL ARC Picnic held at Oak Grove Park down the street from JPL. Pictured above Randy Johnstone-top left-WB6QWR---Stan Brokl N2YQ sitting next to Randy---Norm Chalfin--K6PGX--standing---sitting in front row from left to right are Randy's niece from Costa Rica who was visiting and next to her Lijia Johnstone Randy's wife and next to Lijia---Eileen McKinney KA6DGV.



Pictured above is John McKinney 1982 JPL ARC Pres. counting the Novemberfest Hot Dog Profits. Such a look a deep concern!



While John counted the money the rest of the group (partially pictured here) worked. Left to right Stan Sander N6MP- being handed a hotdog by Eileen's dad Frank Kenworthy while Eileen eats lunch. Those McKinney's really work hard! Bruce Beaudry WD6HEZ pictured to the right. Mike Stewart who was in charge along with Bruce was hard at work in the background along with Blanche (Eileen's mom). Also not pictured was Kerry Erickson.



Pictured to the left are some of the members who attended the January 1983 meeting, with George Morris W6ABW as guest speaker seated in front by slide projector.