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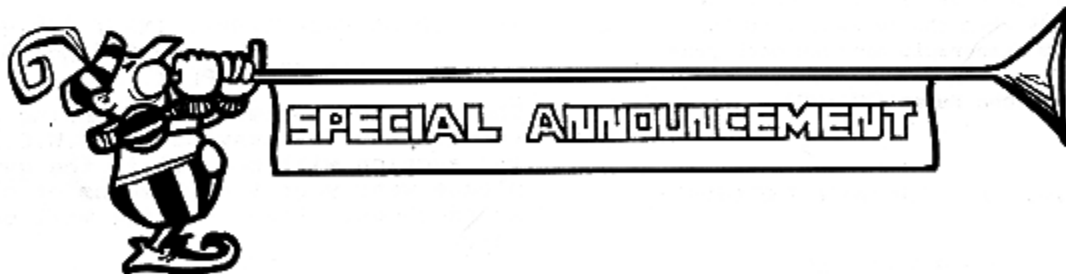
Club Meetings: 2nd Wed of month
12 Noon in 238-543. All welcome

Board Meetings: 4th Wed of month
12 Noon in 238-543. All welcome

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jpl → W6VIO CALLING



SEPTEMBER MEETING WILL BE HELD ON SEPTEMBER 14th.
AT NOON. There will be a special presentation by
our own Stan Brokl. So mark your calendar now and
come on by with your lunch and say hello.

OCTOBER MEETING WILL BE HELD ON WEDNESDAY OCT 12th.
AT NOON. John Walsh will present an update on
recent advances for ham radio computer applications
using machine language programming. John's
presentation will be from a beginner's point of view
so even non-computer buffs will find it interesting.



JOIN THE RANKS

PRESIDENT'S MESSAGE

The JPL Radio Club has been an actively affiliated club with the ARRL for some years. We have also received an invitation to become a special service club which would increase our ARRL coordination. We have enough active committees in various areas so that it is not necessary to do much more than prepare and forward the application forms.

Our main stumbling block that crops up each year is that 50% of the club membership must also be ARRL members. We are on the ragged edge.

I have been an ARRL member for many years. I once donated 10 years accumulation of QST's to a local novice. It reminds me that I may be ready for another housecleaning. Incidentally, the JPL library carries bound copies that cover quite a few years. My decision to join ARRL did not stop me from buying and reading other ham publications, some of which have been controversial. Hamming would lose considerable zest if we did not get both sides of various issues presented to us for our personal evaluation.

If you are sitting on the fence or have not thought about it, I can vouch for my personal satisfaction with QST alone. Incidentally, the club can make two dollars per subscription. Please contact our treasurer.

I am not making a pitch for ARRL per se, but it certainly would be nice to have a comfortable margin above 50% when the renewal form for affiliated club membership arrives each year.

John Repar (WA6LWD)

CONGRATULATIONS

CONGRATULATIONS

Jon Adams, WA6IRH, a member of the Club's Summer code class, upgraded to Advanced Class privileges (from Tech grade) on August 17th. Jon was inactive in ham radio for several years, but is now ready to dust off the old low-band gear and put it to a good test. He says his next goal is to achieve Extra Class before the FCC runs out of 2x1 calls. If other club members have the same ambition, give Jon a call on X-3445 - perhaps you can form a 20 wpm study group.

Paul Goodwin (K06D)



BENEFIT AUCTION INFORMATION

DATE: 17 SEPTEMBER 1983 - SATURDAY

EQUIPMENT CHECK-OUT:
10 AM TO 12 NOON
POWER WILL BE AVAILABLE

AUCTION WILL BEGIN AT 12 NOON

PLACE: Y.W.C.A.
146 N. GRAND AVENUE
ORANGE, CALIFORNIA

AMATEUR RADIO EQUIPMENT AND ALSO RELATED ITEMS.

ALL PROCEEDS WILL GO DIRECTLY TO THE FAMILY OF DAVID FARRAONE, WA6KOS WHO BECAME A SILENT KEY ON 16 MAY 83.

THE Y.W.C.A. IS LOCATED 1/2 BLOCK N. OF CHAPMAN AND 2 BLOCKS E. OF GLASSSELL IN THE OLD DOWNTOWN SECTION OF THE CITY OF ORANGE.

NEWPORT FWY (55) - EXIT AT ORANGE (W)
GARDEN GROVE FWY (22) EXIT AT GLASSSELL (N)

TALK IN ON WA6KOS/RPT. INPUT 146.400
OUTPUT 147.435

AND ON 146.52 SIMPLEX

The room for the auction is being given through the courtesy of the Y.W.C.A. The auction will be held in the gym - so please wear your tennis shoes or other soft soled shoes. Also, smoking will be outdoors only.

PARTIAL INVENTORY LIST INCLUDES:

Motorola C53MNS Repeater, Station Monitor, Manuals, Logger Recorder for use on logging transmissions, signal monitor scope, tube testers, power supply board, frequency counter, VTVM, Tristate power supply, RF signal generator, transistor checker, 8-track mobile, microphone (in box), speaker, Yaesu FT202R hand held, and other items too numerous to mention here.

So if you're in the market for any additional equipment, come and take a look and maybe everyone's day will be a little happier.

DX NEWS BY BOB N6ET

Based on all indications available to me at this time, September should be a great month on the DX scene. At least through the 14th. of September. The sunspot predictions are quite good. Also, there appear to be quite a bit of interesting DX available or planned. Here's a sampling, primarily stolen from the LI DX Bulletin.

Crozet Island - PB8WI is active Sunday at 0630Z on 14220 kHz on the VK9NS net.

Egypt - Look at 14280, 21380 & 28580 kHz on the 6th. of each month for SUI MR & SUI ER. Propagation to that area is best in the early morning over the long path.

Andorra - C30AAL will be active from 12-17 September. 5k from the low band edge on CW (10-80 meters). On SSB, look for them on 14145, 14195, 21195, 21295 & 28495 kHz.

Gabon - TR8JLD is active on 21020 kHz from 2100Z and 14020-14030 kHz from 2300Z.

Sierra Leone - LA2WW/9L1 is available on CW at 14017 kHz from 2300Z. On SSB, look at 21333 kHz at 1830Z.

So. Yemen - 701AB claims to be ready to operate from this rare location. He's in So. Yemen now! Skeptics claim that amateur radio operations from here are impossible. Your vote?

Sudan - DK6NJ/ST2 is active on 14007 kHz at 2200Z and 14038 kHz at 2300Z.

Have fun chasing all this good stuff!

Bob N6ET



JPL BIKE CLUB NEEDS RADIO CLUB SUPPORT

The JPL Bicycle Club is having their Annual Angeles Crest Century Bike Ride on Sunday September 25, 1983. They have asked the Radio Club to provide communication between checkpoints and along the route. If you would like to do this, contact Bruce Beaudry at M.S. 264/11 or phone 354-7872.

P.S. Even if you can only spare a few hours, it will be of immense help and will also be lots of fun as an added benefit. Lunch will be served.

Bruce Beaudry (WD6HEZ)

JPL ARC BOARD MEETING MINUTES

* Note: The meeting minutes are a month behind their normal schedule but should be caught up next month. Mike has been moving and in confusion with vacation, etc. this past month. So here are your July meeting minutes and the August meeting minutes will be here with September minutes next issue.

Minutes of Board Meeting - 27 July 1983

Present: N. Chalfin, K. Erickson*, P. Goodwin*, J. Repar*, M. Stewart* (* denotes Board member)

1. A quorum being present, the board meeting was called to order by President John Repar.

2. K. Erickson presented the Treasurer's Report, showing a club funds balance of \$751.38 as of 19 July.

3. A discussion of the club's mailing lists, and a review of non-renewing members was conducted. The following actions will be taken:

(a) Non-renewing members will be dropped from the mailing lists at the next update.

(b) Distribution list T-2 (on-lab "interested" non-members) will be discontinued, on the basis that those sufficiently interested in club activities and mailings can join as associate or regular members.

(c) Family members on the off-lab mailing list will be transferred to the on-lab list in c/o the on-lab family member.

4. Paul Goodwin provided a write-up to go in the September 9th. "Universe" announcing the 83-84 Club classes.

5. A general discussion was held on the desirability of applying for, and the possible uses of, an ERC grant. Possible uses of such grant funds discussed included station equipment upgrades, loaner handi-talkies to support Club public service communications, and a novice station equipment pool for loan to new Club licensees. No specific action was decided and the discussion will be continued at the next board meeting.

6. K. Erickson and M. Stewart will prepare the Club's application for ARRL Special Service Club status.

7. John Repar reported a written request for a donation to support the development of solar power equipment for emergency communications. Norm Chalfin will follow-up and provide a recommendation.

7. The meeting was adjourned at 1250.
(J.M. Stewart - Secretary)

HAMS

HAMS OF THE MONTH

ERIC ARCHER - Eric (WB6GYD) holds a General class license and has been a ham for 8 years. He was born in Los Angeles and grew up in La Crescenta. He operates mostly on 15 m cw and 2 meter. Single, Eric is presently President of the Cal Poly Amateur Radio Association. His other hobbies include computers and he plans on being a part-time academic after the summer ends.

KENT KELLOGG - Kent (N6KH) holds an Extra Class License and has been a ham for 9 years. The former WB6CDC was born in Los Angeles and grew up in Bakersfield. He's single and operates on 80, 40, 20, 15, 10 and 2 meters. He holds the ham award of Bi Cen. WAS C.P. 25. Kent is a member of the ARRL and of the Kern County Radio Club where he was formerly Editor of KCRC Newsletter, "The Splatter". His other hobbies include Astronomy, Cars and Sports.

CARL R. STEVENSON - Carl (WA6VSE) holds a Technician Class License and has been a ham for 10 years. The former WT6NAB was born in Pittsburgh, Pennsylvania and grew up in Toronto, Ohio. He operates presently on 2 meters but hopes to expand soon to all band capability and upgrade his license. He is a member of the ARRL and the Radio Club of America. His other hobbies include computing and he's interested in amateur satellites and packet radio, Amtor, etc. - i.e. new technology design and construction projects.

STEVE BEDNARCZYK - Steve (NJ6J) holds an Extra Class License and has been a ham for 20 years. (Another playpen code learner) The former WB6MJK was born in Long Beach, California and grew up in Minn, California. He is married and has a son five years old. Steve operates on 80-10 meters and also 2 meters and 220 MHz. He is a member of the Baja Amateur Radio Racing Association and is a member of our own Repeater Committee. His other hobbies include shortwave listening and camping, hunting and fishing.

JON ADAMS - Jon (WA6IRH) holds a Technician Class License and has been a ham for 9 years. He was born and grew up in Los Angeles. Jon is single and operates any frequency bands that are legal. His other hobbies include desert driving, hiking, mine-exploration, bicycling and some volunteer work for BLM.

DERIL M. SCHMITT - Deril (KA6YIX) holds a Technician Class License and has been a ham for less than a year. He was born in Kansas City, Kansas and grew up in California. He is married and has three children. (No hams so far) He operates on 15, 40, 80 and 2 meters and also 220. His other hobbies include fishing and skeet shooting. He also enjoys four wheeling-offroad.



WHAT HAPPENED IN SPACE?

YES? NO? MAYBE?

As explained in the last commentary on Space Shuttle Audio, the JPL ARC decided to adhere to the conditions set forth in the extension to the original waiver, that the extension would be the last. Informal checks with the FCC indicated that additional waivers would not be granted.

Something happened during and after the STS-7 flight to change the FCC's approach to the Shuttle Audio situation, and additional waivers have been granted for STS-8 and the all-important STS-9.

There is no guarantee that anything beyond STS-9 will be approved, but the request has been submitted and is receiving the attention of the Commission. We hope that they will act favorably and grant permission for additional flights.

As Amateurs, we all recognize the benefit to emergency communications preparedness as well as the enjoyment that stems from the listening to the Shuttle Activity on the amateur bands. It is also known that the FCC has concerns about the potential for wide-spread abuse of such an activity. It is up to us all to keep the activity beneficial to amateur radio and not allow it to become a public broadcast service hogging an inappropriate proportion of the radio spectrum.

At the JPL ARC, we feel that only those UHF/VHF systems with a true interest in the activity will carry the audio, and/or act as relay links. No system operator will permit his system to be dedicated for such extended periods if the system users do not want the activity. We feel this is the limiting factor, and rightly should be.

As of now, STS-8 was a yes, STS-9 will be a yes, and STS-10 and beyond are still maybe.

Jim Lumsden (WA6MYJ)



JPL AMATEUR RADIO CLUB
1984 MEMBERSHIP LIST

CALL	CLASS	NAME	LAB ADDR.	EXT.
NW6H	Ext	Adams, Jon T.	238-528	3445
KA6SQM	Tech	Anglin, Richard L.	180-703	
WB6GCI	Tech	Atkisson, James B.		
KE6FE	Adv	Aumann, Hartmut H.	264-469	7925
KA6SMP	Nov	Baird, Kathleen W.	183-501	3705
K6CV	Ext	Bastow, Jay G.	144-218	2500
W6WLH	Ext	Baumgartner, Walt S.		
WD6HEZ	Tech	Beaudry, Bruce	264-119	7872
NJ6J	Ext	Bednarczyk, Steve M.	T-1182	7747
N6DE	Ext	Brown, Stephen F.	507-114	177-9101
W6MWP	Tech	Bunker, Robert L.	198-112A	3912
KB6DVK	Nov	Buratti, Bonnie	183-301	7427
N6HON	Tech	Burcham, Donald P.		
W6GTV	Adv	Burrell, Randal	CalTech	161-6632
K6PGX	Tech	Chalfin, Norman	180-302	6833
N6FHC		Clark, Gilbert		
WA6PBM	Gen	Cowley, John		
WB6DRH	Adv	Crawford, Gordon A.	156-142	7385
N6FVU	Tech	Cronk, Larry	CalTech	161-6596
WA6TPT	Tech	Cunningham, Glenn E.	233-307	2013
N6ETS	Tech	Dantas, Bob	T-1180	5595
WA6VYH	Adv	Denning, Richard	T-1182	2795
WA6PEA	Adv	Diem, Walt	233-307	6422
N6CTT	Adv	Earnest, John E. Jr.	171-220	7112
WD6CIN	Gen	Ehrlich, Raymond	506-418	167-9195
W6GC	Ext	Emig, Irvin L.		
WA6YIG	Gen	Endsley, Earl F. (Rick)	238-420	2988
WA6IUR	Adv	Enmark, Harry T.	11-111	4187
N6IRC	Gen	Erickson, Danette	233-208	
N6DSG	Tech	Erickson, Kerry	233-208	3567
WA6VIY	Gen	Fleming, Gordon	198-136	4936
K6AOC	Ext	Fong, Marshall	183-501	5378
WB6HIE	Adv	Fuhrman, Jim C.	125-143	
KA6RBK	Nov	Gardner, Robert J.	171-210	8054
WA6DUD	Tech	Gauthier, Margaret A.	T-1180	
K6ICS	Adv	Gauthier, Mike	T-1180	2126
WA6ULW	Gen	Goldberg, Jack	126-300	6004
KF6GW	Adv	Goodwin, Kathleen H.	264-801	
KD6D	Ext	Goodwin, Paul S.	264-801	6102
AE6S	Ext	Gosline, Bob	238-528	6255
N6IJT	Tech	Gosline, Linda	238-528	
WB6PTX	Adv	Hall, Justin R.	238-528	6016
NJ6I	Ext	Hansen, George R.	161-137	8295
		Harris, Shari L.	201-110	2240
K6KZQ	Gen	Harris, William M.	186-1111E	5183
N6BH	Ext	Hartley, R. Booth	264-338	5812
W6WXL	Adv	Hawkes, Jerome	150	2542
W6EJJ	Ext	Holladay, Jay	233-208	7561
KA6MHB	Nov	Hurich, Michael G.	144-218	4794

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WB6JQY	Adv	Irvine, Dale	122-123	
KB6ANJ	Tech	Ivlev, Robert	168-222	3645
WB6DLK	Adv	Johansen, Carl	Retired	
WB6VWH	Tech	Johnson, Sid	158-205	6026
EA4GX	Adv	Kerstjens, Tony	125-B17	3794
		Kenworthy, Blanche V.	Off Lab	
		Kenworthy, Frank J.	Off Lab	
KA6IBF	Tech	Kesterson, Jim	130-117	7599
WA6HGB	Adv	Kinney, Laurence R.	CalTech	
N6BCI	Tech	Kovatch, Jason J.	238-737	3980
WB6WRX	Gen	Kuchler, Albert M.	179-123	7743
KA6HVU	Nov	Kushner, Leonard	511-201	167-9868
KA6JEX	Tech	Lawson, Betty M.	233-119	
WA6SDF	Adv	Lawson, Donald B.	233-119	5609
W6LTC	Gen	Layne, Robert W. (Maillo)		
KA6CTX	Nov	Litty, Ed C.	198-112	4097
WA6KPW	Tech	Longthorne, James E.		
N6IXB	Tech	Lord, Don	161-137	4117
KE6SU	Adv	Luers, Edward B.	264-803	6377
WA6MYJ	Adv	Lummsden, Jim	233-103	6726
WB6WXX	Tech	Lyman, Peter T.	264-800	4500
N6HJZ	Tech	MacMedan, Daniel J.	233-208	
HK4CVV	First	MacMedan, Elvia	233-208	
N6ND	Ext	MacMedan, Merv	233-208	7004
KF6FK	Adv	Malm, Richard	179-203	3975
N6BBP	Gen	Mason, Peter V.	183-901	4056
KG6Y	Ext	Mathison, Richard	238-540	3924
		Mayall, Sherwood (Woody)	169-506	4395
K6GPJ	Adv	McGee, David P.	264-737	7118
KA6DGV	Tech	McKinney, Eileen	233-208	
N6AVW	Tech	McKinney, John	233-208	6610
KA6DAN	Tech	McKinney, Richard P. (Rick)	168-327	3968
W6LFT	Adv	Morecroft, John H.	510-264	167-9354
KA6JAM	Tech	Morris, Constance L.	238-420	
WA6ABW	Ext	Morris, George A.	238-420	7066
K6DNS	Adv	Mushagian, Walter H.	238-420	2824
		Nicolich, Eric	198-136	4123
N6CUV	Tech	Nolte, Scott	183-401	3103
W6DRG	Adv	O'Hara, Tom		
W6THU	Adv	Paul, Floyd A.	Retired	
WA6OPB	Adv	Pirowmian, Maurice A.		
	Nov	Pohorsky, Steven	168-514	3495
KA6MHE	Nov	Presley, Charles E.	198-136	4126
WD6EWN	Tech	Quinn, Rex B.	238-737	4677
W6YFG	Adv	Raines, Merlin	83-122	5166
W8FDG	Adv	Rauch, Lawrence	238-540	6334
KB6DVB	Tech	Reder, Leonard J.	238-240	4620
	Nov	Reese, Matt	Off Lab	
WA6LWD	Adv	Repar, John	157-507	7261
W6PAJ	Ext	Reymann, Joseph		
WA6KNZ	Tech	Ross, Paul		
W6VFN	Adv	Ross, Walt J.		
N6MP	Ext	Sander, Stan	183-601	2625
	Tech	Sarture, Charles M.	198-112A	7246

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NT6N	Ext	Sato, Takeshi	183-701	3933
KA6YIX	Tech	Schmitt, Deril M.		
WB6INZ	Gen	Schneider, Horst W.	507-201	167-9026
KE6ET	Adv	Shou, Paul B.	503-118	167-9628
KB6NI	Adv	Sebastian, David L.	238-737	3980
WB6IZR	Tech	Shebel, Dennis	198-112A	6141
N6HQK	Tech	Smith, Ernest K.	161-228	8040
KW6J	Ext	Stapleton, Brian		
WB6CWR	Gen	Stapleton, Mary E. (Mimi)		
WD6FLY	Tech	Stevens, Gary	238-420	6766
KA6SWM	Tech	Stevens, Kirk L.	514-209	167-6914
N6BTL	Gen	Strickland, Riley	238-528	3957
WA6SPV	Tech I	Sutton, David W.	230-202	7974
ND6X	Ext	Sutton, Jim C.		
WB6UWA	Adv	Thomas, Leonard	CalTech	
WB6Cub	Adv	Tucci, Michael E. (Mike)	Off Lab	
		Vines, Kenneth W.	156-132	6554
KA6DOC	Nov	Von Roos, Oldwig	507-228	167-9994
KA6OUX	Nov	Wagner, David	264-119	7840
N6UK	Ext	Walsh, John V.	125-134	3303
KA6SMR	Nov	Watkins, John L.	169-327	3362
WA6JKM	Tech	Weeks, Kent C.	138-312	4197
WB6EMO	Gen	Weaver, Sam	198-B9	3997
N6YM	Ext	West, Ralph	230-104D	7817
WA6JBZ	Tech	Wetzel, Richard (Dick)	Off Lab	
KE6GB	Adv	Wiggins, Cecil P.	238-540	2076
WA6BZB	Gen	Wirth, Vince	179-220	4124
WB6FXJ	Adv	Wood, William O. Jr	DSCC/25	166-481
KA6SUG	Nov	Yamane, Nob	T-1182	2142
W6QJA	Adv	Younger, Herb	510-271	167-9400
W6TUZ	Adv	Zenone, Ron		