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ORANGE COUNTY AMATEUR RADIO CLUB

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P.O. BOX 95, ORANGE, CALIF. 92668

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\*\*\*\*\* OCTOBER 1983 PROGRAM \*\*\*\*\*

John Browning, W6SP, (known around the bands as W6 Space Philosopher) who is Chairman of the AMSAT Board of Directors will philosophize (horrible pun) on the Amateur Satellite program, past, present, and future. If you are disgusted with the QRM on the low bands come and learn about a "new" method of communication. This is something that will prove to be "very interesting" and informative. Also, it's about time we all "get on the ball" and keep abreast of the "state of the art".....

\*\*\*\*\* NOVEMBER PROGRAM \*\*\*\*\*

\*\*\*\*\* ELECTION OF OFFICERS FOR 1984. \*\*\*\*\*

" The History of the O.C.A.R.C." by Bob Evans, WB6IXN, our Club Historian, who has been working diligently for some time compiling the history of the club since it's inception in 1933. Bob has a wealth of information, but he still wants and needs more to make the history as complete and accurate as possible. There are years he doesn't have all the needed information, so dig up a bunch of old timer's (figureatively speaking) and bring them along to the meeting. Maybe this all new slide presentation will jog some memories and will help Bob out.....

December Prorgam Notes: Mert Moser will give a talk on the operation of VR6TC, Tom Christian, on Pitcarin Island also start thinking about how much food is going to be consumed at our annual Christmas B anquet.....

# 1983 BOARD

President.....	W6IBR	Al Watts	531-6245
Vice President.....	KA6IIJ	Al Toering	730-1549
Secretary.....	W6HHC	Ken Konechy	541-6249
Treasurer.....	W6MIL	'Mac' Mac Innis	639-7384
Activities.....	WA6VKZ	Frank Smith	638-3271
Public Relations....	KA6GJI	Oscar Alonzo	531-4245
Membership.....	WB6LAR	Keith Southworth	898-7175
TVI.....	K6LJA	Ted Glick	542-1390
Member at Large.....	KA6HNY	Robin Hoff	731-4803
Member at Large.....	KD6XO	Bob Tesel	531-0926
Club Historian.....	WB6IXN	Bob Evans	543-9111
W6ZE Trustee.....	AF6C	Bob Eckweiler	639-5074
VIP Liaison.....	WA6RNA	Leonard Victor	892-1820

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## MEETINGS

THIRD FRIDAY OF EACH MONTH, 7:30 PM

MERCURY SAVINGS and LOAN BUILDING

1095 IRVINE BLVD.

TUSTIN, CA.

(100 yards east of Newport Blvd intersection)

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## CLUB NETS

<u>DAY</u>	<u>TIME</u>	<u>BAND</u>	<u>MODE</u>	<u>FREQ</u>
TUESDAY	7:00 PM	10M	SSB	28.775
WEDNESDAY	8:00 PM	15M	SSB	21.375
WEDNESDAY	9:00 PM	2M	FM	146.550

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## CLUB BREAKFAST

Date: First Saturday of each Month

Time: 8:00 AM

Location: COOKBOOK RESTURANT

(Just east of 17th St. and 55-FWY)

17329 17TH Street

Tustin, Ca.

ORANGE COUNTY AMATEUR RADED CLUB

MEMBERSHIP AS OF OCT.30, 1983

ANDERSON, JOHN	WB6DFA	Santa Ana, CA 92784
ALVEY, VIC	N6AHB	Hemet, CA 92343
ALONZO, OSCAR	KA6GJI	Fullerton, CA 92631
ALEXANDER, RALPH	W6RE	Tustin, CA 92680
BOURNE, KEN	W6HK	Orange, CA 92667
BOURNE, CAROL	N6YL	Orange, CA 92667
BOURNE, BOB	KA 6DVV	Orange, CA 92667
BOURNE, BONNA	KA6DSO	Orange, CA 92667
BERRY, WYATT	WA6EPX	Garden Grove, CA 92643
BRELLER, ALLAN C.	KA6IMP	MCAS, El Toro, CA
CHAMPION, LELAND	N6ETK	Midway City, CA 92655
CUTSHALL, WAYNE	K6RQD	Anaheim, CA 92805
CADUFF, MONTY	WD6AUS	Huntington Beach, CA
ECKWEILER, BOB	AF6C	Orange, CA 92669
EVANS, ROBERT J.	WB6LXN	Santa Ana, CA 92701
GLICK, TED	K6LJA	Santa Ana, CA 92706

HALL, KATHY	WA6KFI	1369 Harper, Westminster, CA 92683
HALL, JAY	WA6MCK	1369 Harper, Westminster, Ca 92683
HARWOOD, LLOYD	WB6ULL	459 N Handy, Orange, CA 92667
HOFF, ROBIN	KA6HNY	17551 Leafwood Ln, Tustin, CA 92680
HEYK, FRIED, SANDY	WA6WZO, WA6WZN	962 Cheyenne, Costa Mesa, CA 92626

KONECHY, KEN	W6HHC	Santa Ana, CA 92701
KARWAN, M.S.	N6AAN	Santa Ana, CA 92701

MATHERS, TERRY	WB6IHZ	Garden Grove, CA 92643
MATHERS, DIXIE	KA6DIO	Garden Grove, CA 92643
MACINNIS, STEWART L.	W6MIL	Orange, CA 92667
MACINNIS, BUNNIE	W6CHJ	Orange, CA 92667
MONTGOMERY, WILLIAM	WA6ZSS	Laguna Bch., CA 92680
MYATT, BILL	WB6YHK	Tustin, CA 92680
MALLER, ROBERTS	WB6AJV	Irvine, CA 92714

OVERBECK, WAYNE	N6NB	Woodland Hills, CA 91367
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PRITCHARD, ERNIE	WA6FOW	Garden Grove, CA 92644
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QUINN, CHUCK	KA3ASD	Westminster, CA 92683
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SHADER, FRED	AG60	Orange, CA 92667
SHADER, JUDY	WA6HBL	Orange, CA 92667
SIRGIS, LUCIEN	WA6BCY	Santa Ana, CA 92707
SMITH, FRANK	WA6VKZ	Tustin, CA 92680
SMITH, SUZZIE	KA6QVU	Tustin, CA 92680
SOUTHWORTH, KEITH	WB6LAR	Westminster, CA 92683
SWANSON, RALPH	WB6JBI	Anaheim, CA 92806

TALCOTT, JIM		Santa Ana, Ca. 92705
TOERING, AL	KA6IIJ	Tustin, CA
TWIST, GERALD		Tustin, CA 92680
TEGEL, BOB	KD6XO	Westminster, Ca 92683
VICTOR, LEONARD	WA6RNA	Westminster, CA 92683
WATTS, ALBERT	W6IBR	Westminster, Ca 92683
WATTS, DOROTHY	W6IBP	Westminster, CA 92683
WINTERS, CHRIS	K6KFW	Santa Ana, CA
YAMACHIKA, KEI	W6NGO	Orange, CA 92669

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THE GERMAN HAMSTORY

by Gerhard Jacoby, DL3ME

German amateur radio began about 1924, delayed by policies of the German Ministry for Postal Services. First licenses were issued to universities and scientific institutes. In — individuals were issued licenses EK---and, in 1927 the D4--- calls with two letter suffixes came from the German Radio Club - then DASD - formally based on the so-called "Audio Versuchs-Erlaubnis" an experimenters license which, however, was not exactly a license for amateur traffic. Since 1933 individual licenses with a D4 plus three letter suffix were granted. Membership in the DASD was compulsory except for members of the Reichswehr, the Armed Forces. In 1939 all licenses were made invalice, however, some war licenses were issued.

In 1945 all licenses became invalid again by order of the occupational forces. Possession and/or use of reception & transmission gear stood under penalty of death. Hamming was not easily suppressed. Since 1947 DA stations appeared on the air, a clandestine callsign with DA1-9 and a two letter suffix. Issuance by some unknown source worked well and was more or less sanctioned by the Western Allies and German authorities. Ham radio clubs were formed in the new countries of West Germany which came together in Bad Homburg in 1950, to unite in the still existing "Deutscher Amateur Radio Club: (DARC), All DA stations went off the air awaiting new regulations.

Under the March 14, 1949 law, licensing began. First licenses issued were DL1, 3, 6 and 9; then DJ1-Ø, DK1-Ø followed by a two-letter suffix. DL2, 4 & 5 were assigned to French, US & UK forces in Germany, DL7 was issued in West Berlin and DL8 to the Saar Territory which, under French administration, issued the callsign 9S4. DLØ was reserved for club stations. Class A was the beginners license with 50 watts input; Class B covered most of the possible activities with input power of 150 watts. RTTY & SSB and 160 meters needed special licenses.

With the growing use of two meters FM and possibility of getting cheap taxi gear easily converted to two meters, pressure became strong for a code-less license for operation above 144 MHz. Thus, Class C licenses came into being. After passing a technical exam, DC1-Ø calls were issued with two letter suffixes. There was only nominal opposition to a code-less license. Two meter and 70 cm repeaters supplied all of West Germany with a new means of communication. Repeater jamming and unlawful interference was and is still a common thing in certain areas, mostly on two meters, but it happens on 80 meters too.

In 1980-1982, the rules were again changed. The following prefixes were reserved as listed:

- DA1 & 4 with 2-letter suffixes to foreign armed forces.
- DB1-9 Code-less Class C license above 144 MHz, 150 W.
- DBØ Repeater, identification in code
- DC1-9 Class C (DCØFA-JZ foreign not in armed forces "C")
- DD1-Ø Class C (DD5 AA-DD 5 ZZ to foreign licensees
- DF1-9 Class B, DFØ Club stations, Class B, 750 W output 10, 18 and 24 MHz, 75 W, CW only.
- DG1-Ø Class C
- DH1-Ø Class A, 150 W, 3.52-3.70; 21.09-21.15; 28.00-29.70; 144-146 and 430-440 MHz.
- DJ1-9 Class B, (DJØ to aliens)
- DK1-9 Class B, DKØ club stations & special events
- DL1-9 Class B, DLØ club stations & special events
- DPØ + 2/3 letter suffix. Special in Antarctic

All other newly licensed operators receive a three-letter suffix. Of the 50,350 licenses issued (Jan 1, 1983), 48202 are individual licenses of which more than 85% are members or the DARC. Membership is not compulsory.

In the other part of Germany (DDR) hams are forced to be a member in a paramilitary organization called "Gesellschaft für Sport und Technik". There are a lot of restrictions and regulations sometimes known only to members.

- DL3ME -

THE NO-CODE LICENSE

THOUGHTS OF AN OLDTIMER ABOUT AN UNPOPULAR ISSUE

The following material has been prepared by QCWA DIRECTOR, Gerhard Jacoby, DL3ME, who has been an amateur radioman in Europe for many years. He writes of his observations and experiences in connection with no-code licenses which have been a way of life in Europe for many years.

- Ed -

If you have read my article about "German Ham Story" you will find that some 40,000 individual licenses have been issued in West German, of which about 40% are "C" licenses (no code). Our experience shows that there is a steady flow from this "C" licensed group to the higher grades of license. Statistically, 90% of our hams begin in the "C" license class and in a few years (typically 2 or 3) pass the code examination and become fully licensed hams. As far as I know, the situation is alike in all European countries which issue no-code licenses.

When the Class "C" licensing started in Germany there was opposition from many oldtimers...in general these were hams opposed to any change of existing rules and especially opposed to too much growth of the ham population altogether! As it has worked out, the newcomers with a no-code license (above 144 MHz) proved to become a very valuable part of the ham fraternity in Europe and the few who came from the "CB" side very fast learned how to behave. In many cases the guidance came not from the old-timers, but from other no-code licensees. Today "C" licensees are good members of the German Radio Club (DARC), eligible to all club offices and a steady flowing stream is enlarging the fast growing group of Class A and B (code) hams. I have spoken to many of the class C people and have heard their conversations on the repeaters. Nine out of ten were preparing to pass the code exam and most of the succeed sooner or later.

The reason for this development which should be valid also for the U.S. is that you get sooner or later bored in just communicating via a repeater or with simplex just around the corner. The occasions when one can work DX with SSB on 2 meters are rare, even though you can work several countries in Europe. The longing for the "real thing", to work DX and talk to friends all over the world becomes a very strong thing and finally you decide to pass the code exam, whatever homework may be necessary and regardless of how much time you must spend to enter that new region of ham activity

While in the US, I have learned that a "no-code" license may become a reality. From my experience in Europe, I would recommend that it might be worthwhile not to oppose such a move, but to try to guide it into right channels:

- Point 1. No-code licensees should be issued special call signs which will identify them to all.
- Point 2. Limit no-code licensees operating power to a low value, giving them an added incentive to obtain higher grades of license.
- Point 3. Limit activities of "no code" licenses to certain bands
- Point 4. Permit them to operate and use repeaters in the bands authorized for no-code licensees

I have heard that another good reason for no-code hams might be to have them populate the rarely used 220 MHz band, preserving it for amateur use...we don't have it in Europe.

The opinions herein are my own - based on experience in my Country with no-code licenses. It has worked out to the benefit of Amateur Radio. I feel that letting you know of this is worthwhile.

- Gerd, DL3ME -

Our sincere thanks to Q.C.W.A. for the re-print of the above article. And our special tnx. to DL3ME for his thoughts on a very touchy subject.....

THE PREZ SEZ\*\*\*\*\*

It's kind of hard to realize that Christmas is "just around the corner" sitting here with the patio door open and the sun shining brightly, but it's not that far away. Think it's about time we all start making plans and looking forward to a time of fellowship and great fun at our annual Christmas Banquet..... Also next month is the election of officers who will be at the helm of our club for 1984. I know we have many members waiting in the wings who could do a "bang up" job if given the opportunity..... If you're asked to run for office by the Nominating Committee don't be scared and say no right off the bat. If you're elected I know for a fact you'll have the help and backing of so many of the members you'll actually find it's really a lot of fun along with the work.

#### September Meeting (Auction Night)

As much as I hate to report the auction for some reason was kind of a "bust". With as much publicity as it had we should have had a S.R.O. crowd, but for some unknown reason we didn't. Anyway, even with the small turn out we did make a few bucks 'cause Mac, W6MIL, (the keeper of the funds) walked out of the auction with a smile on his face. Hopefully next year we'll have a much bigger turn out so even tho it's 11 months away start making plans and "talking it up".....

WANTED \*\*\* WANTED \*\*\* WANTED\*\*\*

Ye Editor needs articles for the RF. Surely someone "out there" has some bit of information that would be of interest to the club members. It need not be about "ham radio", but, human interest, etc. Perhaps you have a "Hint or Kink" about your gear or operating that makes it a lot easier. Any and all submissions will be more than welcome. Contact Chris KA6IMP with any and all ideas you have that you think would make the news letter more interesting



MINUTES OF THE O.C.A.R.C. BOARD MEETING

October 2, 1983

Meeting held at the QTH of W6IBR, opened at 3:20 P.M.

Officers in attendance: Al, W6IBR, Al, KA6IIJ, Keith, WB6LAR, and  
Ken, W6HHC

Item: Al, W6IBR, reported the success of the Southwestern Division Convention that was held over Labor Day weekend. In all 2,090 people registered for the convention including 490 who attend the banquet. So far the O.C.A.R.C. has received it's \$200.00 seed money back from the convention. Profits from the convention should be divided among the participating clubs by December.

Item: Al, W6IBR, announced the need to form a Nominating Committee at the October meeting so a slate of potential officers can be printed in the November issue of the RF for voting at the November meeting.

Item: The Board of Directors are currently reviewing candidates for the "good of the club" award for 1983.

Item: Al, KA6IIJ, reported that the speaker for October would be John Browning, Col. Ret., W6SP, Chairman of AMSAT.

Item: Al, KA6IIJ, also reported the Speaker for November would be Bob Evans, WB6IXN, the topic is OCARC Presidents, past and present along with a little club history.

Item: The board is still looking for a nice restaurant site for the Xmas Party. If any member has a suggestion contact Al, KA6IIJ at 714-730-1549. Being there was no further business the meeting was ajourned.

FIRST CLASS

ROBERT EYRNS

ORANGE, CA. 92668

PO BOX 95

ORANGE CO. AMATEUR RADIO CLUB

