



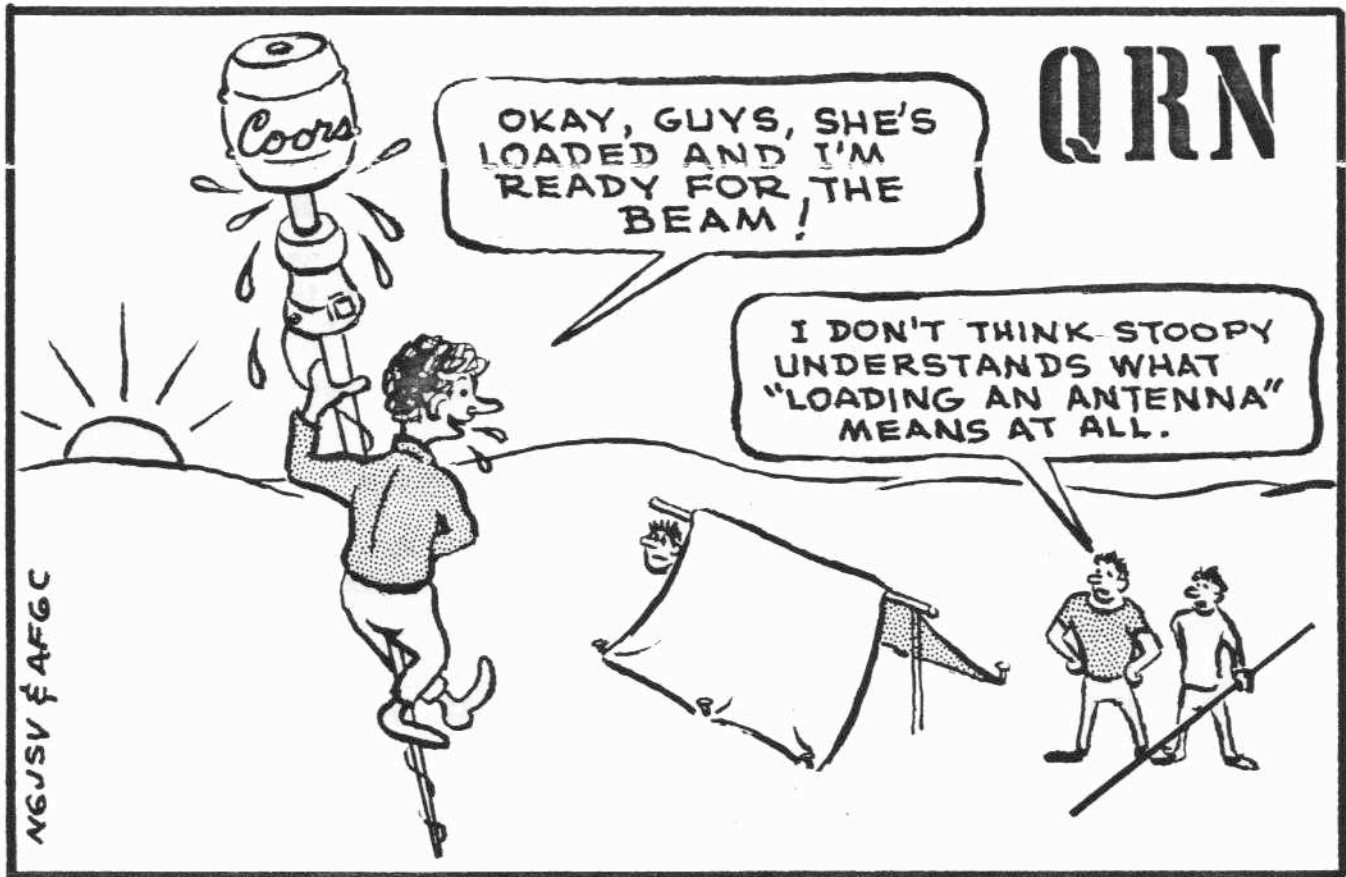
ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXVIII No. 6

P. O. Box 3454, TUSTIN, CA. 92681

JUNE 1987

FIELD



DAY

XX

1987 CLUB BOARD of DIRECTORS

President	Jim Talcott	N6JSV	838-5395
Vice President	Lloyd Harwood	WB6ULU	538-7081
Secretary	Jeanie Talcott	KB6EZS	838-5395
Treasurer	Ken Konechy	W6HHC	541-6249
Activities Chairman	Ron Toering	KB6EZP	971-5180
Membership Chairman	Bob Eckweiler	AF6C	639-5074
Public Relations	Mac MacInnes	W6MIL	594-0442
T.V.I. Chairman	Frank Smith	WA6VKZ new#	730-7142
Member at Large	Kei Yamachika	W6NGO	538-8942
Member At Large	(Past President holds another position)		

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor	Bob Evans	WB6IXN	543-9111
Teen Representative	<open>		

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CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at:
MERCURY SAVINGS & LOAN
 Jun 19th ----- 1895 Irvine Blvd. (4th St becomes Irvine)
 Tustin, Ca. Talk-in on 146.55 MHz
 Jul 17th
 (Take the 4th St. exit to the 55 FREEWAY
 Aug 21st and head east. Continue about two blocks
 past Newport Blvd. on the left.)

CLUB BREAKFAST: 1st Saturday of each month, 8:00AM at:
LE GRAND CAFE
 Jul 11th (Special 2525 N. Grand Avenue
 date!) Santa Ana, Ca. (714) 997-5393
 Aug 1st
 (1-1/2 blocks south of 22 FWY.)

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CLUB NETS

BAND	MODE	DAY OF WEEK	LOCAL TIME	FREQ MHz	OPERATOR
2 Meters	FM	Wednesday	2100 hrs.	146.550	W6HHC
15 Meters	SSB	Wednesday	2000 hrs.	21.375X	AF6C
15 Meters	CW	Thursday	2000 hrs.	21.175X	WB6IXN
(Listen for W6ZE, net control)			XPlus or minus QRM		

R e m e m b e r R e m e m b e r R e m e m b e r R e m e m b e r

FIELD DAY: JUNE 27-28

*** ON THE NETS ***

5/6 15m phone net - W6ZE/IXN checks in NG7D. We discuss the cholera-type bug spreading quickly throughout CA. IXN turns John's letter concerning VE's, over to the Board for consideration. John gets his 'W3USS' certificate & we discuss history of CW; ie: Samuel F.B. Morse's idea of CW use as a language for the deaf, and, American Morse code used by the Civil War military & the railroads. 5/6 2m phone net - W6ZE/HHC checks in K6DNR, Bob, frn Westminster, KB6NAX, Arden, Mission Viejo, JSV, NG7D, BPX, ULU, RE, & AF6C. HHC's recent appendicitis wid peritonitis were discussed. And we welcome Bob & Arden to the net! What a turnout, OPs, keep it up!! 5/13 15m phone net - W6ZE/IXN checks in LAB, RE, COJ, & friend, Bill, W6ATU. Welcome, Bill, hpe to see U-at meeting Friday! LAB is experimenting wid balloon long wire ants. fer 20 & 30m. He's waiting fer loading coils to arrive frn Ohio. COJ lost his on/off switch on the 930 & keeps it in the ON position wid tape! LAB & IXN have-'nt heard Karl, IEH, on the CW net since we changed to Thurs. eves. RE was busy last wk. wid the CA. Blood Bank Net on 3875! SM, Joe Brown, had surgery on an eyelid for a malignancy, & Sandi, WZN, has been appointed Section Affiliated Clubs Coordinator. Congrats, Sandi! COJ will investigate a 54 ft. crank-up tower, & ATU has a TS-820. LAB will attempt to copy an Armed Forces Day CW message at 25 wpm! Gud luk, John! RE fills us in on AFD freqs., & informs us that Oscar 10 will be back in service wid limited QRP starting May 15. RE (maybe JSV) are fighting annexation by the City of Tustin! 5/13 2m phone net - (via JSV) W6ZE/HHC checks in JSV, ULU, BPX, AF6C, & ATU, Bill. BPX & JSV discuss gardening & snail control. RE checks in & plays the Westlink tapes, & suddenly becomes vy weak! Alex's 'merry-go-round' ant winds all the cables arnd the mast! HHC will be airborne agn as he flies off to Chicago Sun. on business. 5/14 15m CW net - W6ZE/IXN checks in LAB & RND. LAB erects a new vertical end-fed ant. wid rapid switching. We compare sigs. between his vert. & horiz. ants. He is 2 S-units stronger on IXN's rig. RND has a new 'Butternut' vert. which he used on a camper at 7,000ft. on Table Mt., wid gud results...next stop, Bishop, CA.! LAB now joins RE in switching capability frn horiz. to vert. polarization! 5/20 15m phone net - W6ZE/IXN checks in ULU, ATU, LAB, WZO, COJ, & RE. IXN moves to 21.175.6 to eliminate QRM on the side. ATU catches the QSY before IXN informs the group! LAB works Canada last eve. on 75m CW. ULU informs us that WCARC does not test for the novice class license! Lloyd also tells us that St. Judes Hosp. will be testing on May 30. LAB uses new fast ant. switching to increase reception of weak sigs. LAB got gud rpts on 15m, & frn Costa Rica on 40m 2 wks ago. Congrats to ULU, who received the 'Cornerstone Award' frn Wycliffe Bible Translators, for handling message traffic between missionaries & their families. COJ's tower lead was a 'dud'! WZO, Fried, is waiting for Ron, EZP, to show up at the shack. RE is busy wid the Red Cross & the Hospital Major Casualty Disaster exercise fer 3 days. 5/27 15m phone net - NG7D goes to Vegas for his 'health'; meets wid his friends KA6ADS, Jim, & WB5PTO, Bob; learns abt the 'Condor' system of repeaters on 220; & comes home richer (frn Blackjack)! W6ZE/IXN also checks in ATU, LAB, & Dan, MZM, now W6PEQ! Since NG7D was the only CA ham to enter a log fer the Nevada QSO Party, John will prbly be declared the official winner! ATU informs us that Lyle, WD6ADS, is familiar wid the 'Concor' system. A PL is needed to access these repeaters. LAB remarks that he thot the last CA 'condor' had been captured, HI! & LAB goes to test for 'CW Extra' last Thurs, and is persuaded to try the written test! He passes both! Congrats, John! W6ZW was LAB's 1st contact on 220 in the 'vacuum tube' years. NG7D is building a frame ant. to pick up faint sigs in the Broadcast band. 5/27 2m net (phone)- W6ZE/HHC checks in ATU, JSV, AF6C, RE, DNB, & NAX. While RE plays the Westlink tapes, someone backs into HHC's car! NAX has a hillside location in Mission Viejo & he likes CW!

(On The Nets...cont'd): 5/28 15m CW net - IXN travels to JSV's to tune up a 2m 'weather' radio. While EZS plays the guitar, JSV & IXN talk to LAB. John is thinking abt going after the commercial ticket!!

*** NG7D REPORTS ON THE 'CONDOR' NET ***

Thanks to John, we have info. on a chain of repeaters, operating on 220Mhz, located between the coast of CA. and Las Vegas, Nevada:

<u>Repeater</u>	<u>Call</u>	<u>Frequency (Mhz)</u>	<u>Location</u>
#1	K6GZK	224.600	Mt. Hamilton - east of San Jose
#2	(temporarily broken down as of Jan. 1986)		
#3	K6KDM	223.82	Mt. Stevenson - east of Bakersfield (link intermittent)
#4	W6IYY	224.44	Joaquin Ridge - east of King City
#5	WB6RHQ	224.64	Shirley Peak - northeast of Bakersfield
#6	AA4ID	224.90	Outside of Las Vegas
#7	WB6BGK	223.94	Santos Peak - Lompoc area
#8	W6GHY	224.00	La Cumbre Peak- north of Santa Barbara
#9	W6TLG	220.50 up +1.2	Frazier Mt. - Central Repeater west of Gorman, CA.
#10	WB6RHQ	224.90	Rasnow Peak- Oxnard/Ventura area
#11			
#12	(not listed)		
#13			
#14	WB6RHQ	224.18	Mt Onyx - Big Bear/Apple Valley area
#15	N6DOI	224.14	Mt. Whitney - west of Escondido/San Diego area.

All repeaters use 156.7 Hz PL (tone encoder), or, code 5A. This info. is dated Jan. '86 and comes to us via Scotty, W6GHY, in Summerland, CA, &, our NG7D in Santa Ana. Tnx, guys!!

*** MINUTES OF OCARC MAY MEETING ***

Meeting was called to order by President JSV, at 7:30 p.m., 5/15/87. He led the salute to the flag and then introduced Corky Corcoran, D.E.C. for ARES. Corky's presentation was aimed at all Amateur Radio Operators and he made us aware of the different ways we can become involved in Emergency Services. Presently, just 6% of licensed Hams are participating in Emergency Services. He stated that there are many opportunities for using our expertise and equipment to help our communities. He explained the goals and operating procedures of both ARES and RACES in detail. It was a most informative program. The following Hams were introduced as visitors: Bill Nash, W6ATU; Bob Dillard, K6DNR, Arthur Dillard, WD6CPI; Ken Simpson, N6IDE; Vicki Strickler, N6NWG; Todd Strickler, KB6KKC. The minutes of the April Meeting and the May Board Meeting were read and approved. Dave, KA6NLY, gave a report on the upcoming Orange County Fair. Lloyd, ULU, will be handling the scheduling for our participation in the Amateur Radio booth. OCARC has been requested to host the booth on Saturday, July 18, from 10 a.m. to 10 p.m. The theme of the Fair is "It's The Egg," and the display of Amateur Radio will be called "Hams & Eggs - A Natural Resource."

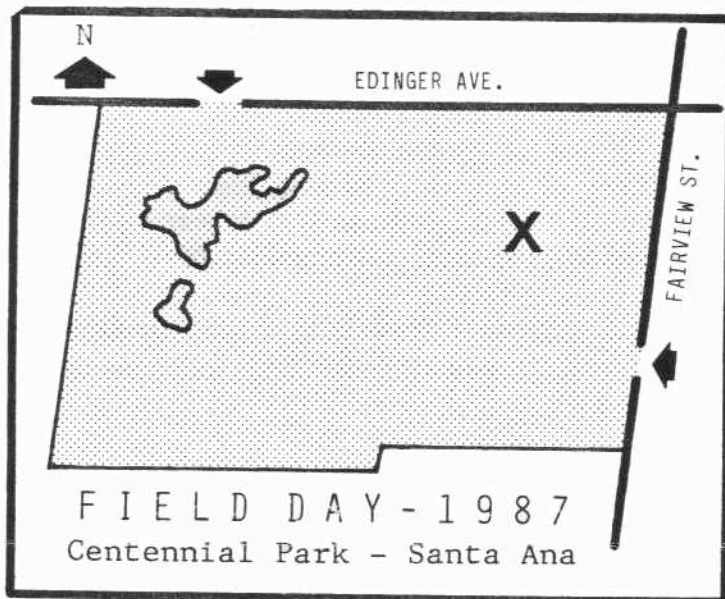
The meeting was adjourned at 9:35 p.m. and turned over to Ron, EZP, for the raffle.

Respectfully submitted,

Jeanie, EZS, Secretary

*** JUNE MEETING PROGRAM ***

Field Day will be held June 27 & 28, at Centennial Park, Edinger & Fairview streets, in Santa Ana. Besides firming up plans for Field Day, Ken, HHC, and Jim, JSV, will be showing slides of Field Days past!! Come one! Come all! This is always a fun meeting! The map below will show you the Field Day site in southwestern Santa Ana. Also plan to join us on Field Day! Come operate and log, and bring along some friends. We always have a great time! And remember, any funny anecdotes, etc., that happen in your tent (bar none!) will be fully covered in 'RF', once they reach the ears of IXN, ofcourse!! See you at meeting!



*** COMMODORE 64 INFO CORRECTED ***

In last month's BIE column, there were some typos in the article concerning another way to convert a program file to a sequential file on the Commodore 64:

Section 2. Type the following on the keyboard:

OPEN8,8,"FILENAME,S,W:cmd8:LIST return

("Filename", ofcourse, is the name of the file you want to save on the disk as a seq. file.)

The above line should have read:

OPEN8,8,8"FILENAME,S,W":CMD8:LIST

Hope none of you had problems with this. (tnx, Ed, K2UK, for the correction) frm: May NARC RADIO Newsette.

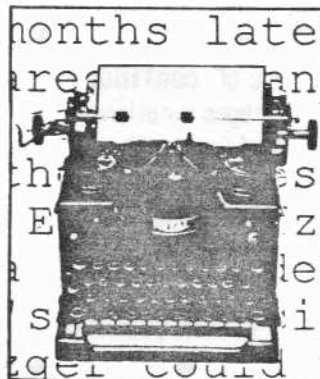
CURIOS:

Some great typing feats have been accomplished in Orange County. For example, on Jan. 3, 1912, the Orange County Business College entertained Raymond P. Kelley, a Remington representative, who typed "familiar matter" at the rate of 233 words per minute. Kelley could strike 12 keys per second! Three months later, H.O. Blaisdale ap-
frm May 11, O.C. Register frm JSV. Tnx, Jim

peared at Santa Ana High and typed 123 wpm from dictation.

Another impressive display was by E.A. Trefzger. Demonstrating a 1913 Underwood to Santa Ana High's commercial students, Trefzger could type 232 words of "unfamiliar text" perfectly in two minutes while carrying on a conversation with the instructor.

— 3rd Orange County Almanac
By Jim Sleeper,
Orange County historian



Give you any ideas on how to become CW COPY CHAMPION!!!

VOLMON News Release

4 November 1986

From: The Los Angeles Section of "The Amateur Radio Auxiliary to the FCC's Field Operations Bureau," also known as the **VOLMON** program (VOLunteer MONitors).

Introduction: Public Law 97-259 (Congress), which created the VEC program, also allowed the ARRL to create the VOLMON organization, and allows for cooperation between VOLMON and local FCC offices in matters pertaining to violation of the law. The VOLMON organization is now the first line of defence against law violators, and is backed up by the FCC.

The VOLMON Organization

Official Observers: The OOs monitor for unintentional violations (i.e. operation outside the band, key clicks, harmonics, splatter, etc). He sends friendly advisory notices and files monthly reports to the ARRL via the OO coordinator. He may monitor particular frequencies looking for flagrant violations (in support of other sections of VOLMON).

The Regional Monitoring Station: The RMS coordinates monitoring activities over his area (such as an ARRL Division), works with other RMSs across the country on HF interference, and notifies serious violators.

The Local Interference Committee: Skillfull in Radio Direction Finding, they locate the source of problem signals and noise, and collect information used in identifying the person or source responsible. The Los Angeles County LIC has a written working relationship with the Long Beach FCC office. Members have received special training approved by that office.

How Does VOLMON Work?

The traditional role of the OOs is maintained.

Once a jammer, bootlegger, or noise has been located and the responsible party identified by the LIC, the VOLMON organization will attempt to resolve the issue. If that is not possible, it will turn the information collected over to the FCC for its action. There will be no public disclosure of specific activities of VOLMON, either before, during, or after they occur.

Obtaining VOLMON Assistance

(Other than routine OO notices, VOLMON cannot initiate a case on its own.) Requests for assistance **must** originate with an organization, such as a radio club or MARS group, and **must** be filed by a member of the group's leadership. (If no organization exists, form one.) The problem **must** be one of **continued violations of the law**. All complaints **must be in writing** (this encourages a rational, well-thought-out complaint more accurate than a verbal one, and can be re-read for verification of understanding). (Don't send complaints to the FCC; this will only delay action, as they will forward them to VOLMON.) VOLMON will send instructions to the leader. Members can help by following the requests of their leadership, and by **not talking on the air** about the efforts to locate the interference source or bootlegger.

HF Problems: Contact your ARRL Division Director (page 8 of any recent QST magazine).

VHF & UHF Problems: Contact your ARRL Section Manager (page 8 of QST).

PHONE PATCH and AUTOPATCH GUIDELINES

Radio amateurs in the United States enjoy a great privilege: the ability to interconnect their individual stations and repeaters with the public telephone system. As with any privilege, this one can be abused, and the penalty for abuse could be the loss of the privilege.

The Amateur Radio Service is not a common carrier, and its primary purpose is not handling of routine messages on behalf of nonamateurs. However, third-party communications as an incidental part of Amateur Radio adds an important dimension to our public service capability.

It is the policy of the American Radio Relay League to safeguard the prerogative of amateurs to interconnect their stations, including repeaters, to the public telephone system. An important element of this defense is encouraging amateurs to maintain a high standard of legal and ethical conduct in their patching activities.

1) Phone patches or autopatches involving the business affairs of any party must not be conducted at any time. The content of any patch should be such that it is clear to any listener that business communications is not involved. Particular caution must be observed in calling any business telephone. Calls to place an order for a commercial product must not be made, nor may calls be made to one's office to receive or to leave business messages. However, calls made in the interests of highway safety, such as for the removal of injured persons from the scene of an accident or for the removal of a disabled vehicle from a hazardous location, are permitted.

2) Phone patches and autopatches should never be made solely to avoid telephone toll charges. Phone patches and autopatches should never be made when normal telephone service could just as easily be used.

3) Autopatch facilities must not be used for the broadcasting of information of interest to the general public. If a repeater has the capability of transmitting information, such as weather reports, which is of interest to the general public, such transmissions must occur only when requested by a licensed amateur and must not conform to a specific time schedule. The retransmission of radio signals from other services is not permitted in the Amateur Radio Service. However, the retransmission of taped material from other sources is permitted.

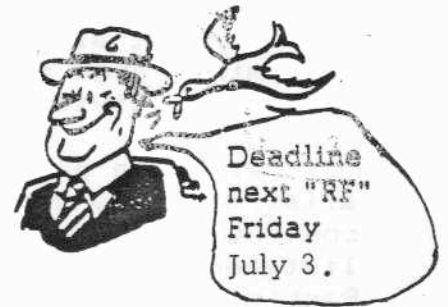
4) Station identification must be strictly observed. In particular, U.S. stations conducting international phone patches must identify in English at least once every 10 minutes, and must also give their call sign and the other station's call sign at the end of the exchange of transmissions.

(from FVM&K 'KEY CLICKS')

CHA
 C. HOELZLE ASSOCIATES, INC.

Dan Danknick
 Retail Sales
 Division Manager

CHA ELECTRONIX OUTLET
 1300 (D) East Edinger Avenue
 Santa Ana, California 92705
 (714) 541-0522



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FIRST CLASS!