

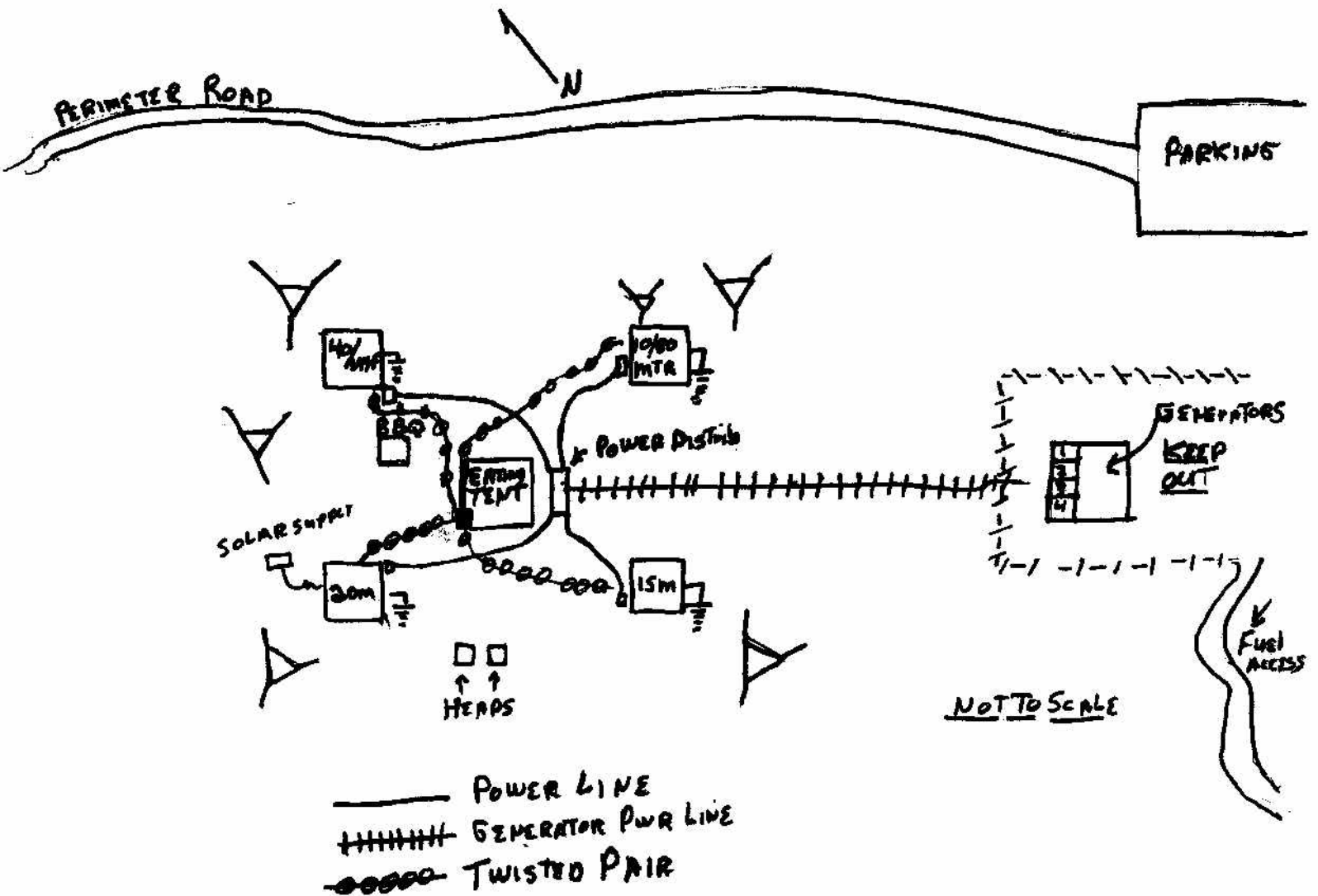


# R F



ORANGE COUNTY AMATEUR RADIO CLUB

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



FIELD DAY 1981 - W6ZEE - SITE SKETCH

- Additional important details inside -  
MEETING - JUNE 19<sup>th</sup> - BE THERE

CLUB OFFICERS

President	FRANK SMITH	WA6VKZ	838-3271
Vice President	ROBIN HOFF	KA6HNY	731-4803
Treasurer	FRANK GREGG	WB6KJS	968-1450
Secretary	HOWARD ATWELL	KA6CZI	779-5797
Activities			
Membership	BOB TEGEL	KD6XO	554-0836
Publicity	SID SHISHIDO	N6AQC	521-8380
T V I	BOB ECKWEILER	AF6C	639-5074
M A L	ERNIE PRITCHARD	WA6FOW	530-0738
M A L			

\*\*\*\*\*  
 EDITOR JOHN CHRISTOPHER WD6GXZ 557-6399  
 \*\*\*\*\*

NETS:

Tuesdays: 10 Meter SSB-----On or about 28.775 Mhz at 7:00 P M local time. Need some 10 10 numbers or info, why not check into this net. Look for W6ZE as Net Control.

Wednesdays: 15 Meter CW Novice Net--On or about 21.175 Mhz at 7:00 P M local time. All novices are invited to join in. We will slow down for you. Look for W6ZE as Net Control.

" " 15 Meter SSB-----On or about 21.375 Mhz at 8:00 P M local time. Look for W6ZE as Net Control.

" " 2 Meter Simplex Net---Look for W6ZE as Net Control on

\*\*\*\*\*~~146.55 Mhz simplex at 9:00 P.M. local time~~\*\*\*\*\*

ORANGE COUNTY AMATEUR RADIO CLUB BREAKFAST:

PLACE: MILE SQUARE COUNTRY CLUB HOUSE  
 Located midway between Brookhurst and Euclid, on the South side of the Park, in the city of Fountain Valley.

TIME: Around 8:30 AM

Date: First Saturday of each month.

\*\*\*\*\*

OCARC\*\*OUR NEXT CLUB MEETING WILL BE HELD

JUNE 19 1981

MERCURY SAVINGS & LOAN  
 1095 IRVINE BLVD  
 TUSTIN, CALIFORNIA

TIME: 7:30 P M

Everyone is welcome to come. Why not bring a friend or neighbor and introduce them to the Amateur hobby and happenings!

ORANGE COUNTY AMATEUR RADIO CLUB

MAY 3, 1981 BOARD MEETING

1. An opening on the board exists for Activities' Chairman and a Member-at-Large.
2. The OCARC is this year's Picnic sponsor for the Orange County Council of Amateur Radio Organizations. The OCCARO annual picnic will be held in October. The details for this event have yet to be worked out.
3. Club VP, ROBIN HOFF, KA6HNY, gave a short report on upcoming club events. These include FIELD DAY, EARTHQUAKE PREPAREDNESS, on hand for June. July's program will be presented by WAYNE OVERBECK, noted Author and Quagi Inventor.
4. Another club campout is being planned for 30, 31, October and 1 November, with the place yet to be determined. A beach campout has been suggested. Other suggestions are being solicited by the board.
5. TREASURER'S REPORT (SUMMARY) for April.  
INCOME: \$70.00  
EXPENSES: \$110.36  
BALANCE (CHECKING & SAVINGS): \$924.19  
GENERATOR FUND: \$136.75
6. Discussion was continued on how to reduce the cost of publishing the Club Newsletter. Alternatives to the present printing method were discussed. A suggestion to publish a Bi-Monthly "RF" was turned down by the board as not in the best interest of the club.
7. The club sponsored EXPLORER POST Amateur Novice Class has only (3) attendees at present. Club President, Frank Smith, WA6VKZ, would like to continue the program until the fall to see if interest picks up.
8. Robin Hoff, KA6HNY, is in the process of drafting (2) letters to express the club's feelings about HR-2203 and certain aspects of the FCC's proposed plain language rules and regulations governing Amateur Radio. These will be presented to the membership when completed.
9. A general license study class is scheduled to begin on May 12th or 19th. See Frank for details.
10. Frank Smith has written to the ARRL requesting the necessary Field Day forms.

## FCC encourages experiments

WR

Consistent with a recent Commission Amateur Radio definition that, "The Amateur Radio Service is for technically-inclined persons who wish to learn about and experiment with radio communications equipment and operating techniques" (Commission Order of 6 November 1980), interested radio amateurs are encouraged to experiment with new methods of transmission and new radio technologies.

The Commission realized that in certain instances proposed experiments may conflict with existing rules, and may therefore require a Commission rule waiver. The Commission is willing to grant rule waivers for many different experimental purposes, including: Spread-spectrum modulation techniques; Packet-switching networks; Radioteletypewriter codes, other than ASCII and Baudot; "Beacons" for propagation studies; Medium-scan television; Frequency and/or amplitude "companding"; Digitized voice techniques; Digitized video techniques; "Trunked" repeater systems; and EME communications.

For example, on 6 March 1981, the Private Radio Bureau granted Special Temporary Authority (STA) to 25 radio amateurs affiliated with the Amateur Radio Research and Development Corporation (AMRAD) to experiment with spread-spectrum transmission. (Spread-spectrum is an application of broad-band transmission that appears to make more efficient use of congested frequency bands than does conventional narrow band transmission.) On 15 August 1980, an STA was granted for two years to a radio amateur to conduct experiments in digital phase shift keying in the high frequency (HF) phone band, where slow-scan television is authorized. During November 1980, four amateur licensees were granted a rule waiver to permit transmissions of the digital teleprinter code for the purpose of conducting experiments to develop an error-free mode of amateur teleprinter communications.

These recent examples represent only a small segment of the many avenues of experimentation open to licensees in the Amateur Radio Service.

Licensees wishing to conduct experiments within the amateur bands should first refer to the Commission's rules to determine if a Commission rule waiver is required. If the experiment may be conducted in accordance with the rules, no communication with the Commission is required. However, if a proposed experiment will conflict with any of the Commission's rules, the licensee conducting the experiment must write to the Commission requesting a waiver of the specific rule(s). Waiver request letters should be addressed to: Federal Communications Commission, 334 York Street, Gettysburg, PA 17325, Attention: Technical Section.

The content of the waiver request letter should cover complete details of the proposed experiment, including all technical parameters, specific frequencies to be used, and a justification for the project. The Commission will approve or deny your request in writing, and no experimentation may commence until the written approval is received. □

## Fast action saves a life

WR

### Dorsey Price, K5EDS

On Saturday, 21 March 1981, Shirley Wolter, WB6QFU, and her husband, Harry WA6WYP, were preparing breakfast in their Phelan, California home. As usual, they were monitoring the WA6EFW repeater which serves the high desert just north of the Los Angeles basin. At 0800 the repeater squelch was broken by a highly agitated voice asking for help. Shirley answered the station but the man speaking was so shaken, he could only ask for help. By talking slowly and confidently, Shirley was able to ascertain that the party was Kin Adams, WB6CUO. She has talked to him the night before directing him to the Barstow Sheriff Department. He had requested information on shooting areas in the desert.

Due to a freak accident, 10-year-old Heather Gloe, Kin's cousin, was severely wounded in the chest and required immediate medical attention. Harry immediately phoned the sheriff and briefed them on the situation. He held the line open so he could update them as Shirley got more information. Kin placed Heather in his van and started driving. Being near panic, Kin was disoriented and had no idea where to go. Shirley calmly started directing him toward Victor Valley Hospital in Victorville, which was about 15 miles away.

Meanwhile, Harry briefed the sheriff who had two police cars and an ambulance heading toward the scene. Shirley kept reassuring Kin and giving him position updates until he was intercepted by the Highway Patrol who led him to the hospital. Heather went into emergency surgery and was soon in stable condition. Dr. Soo, the surgeon, said time was critical and the quick arrival saved her life.

Since then, Shirley has visited Heather in the hospital. The whole incident took less than 20 minutes but it meant the difference between life and death. I believe that Shirley and Harry both deserve recognition for their quick and positive reaction to such a critical situation. □

DE:

WORLD RADIO

## QSL information

WR

One of the most frustrating aspects of DX'ing is waiting for that QSL card confirming the contact. You send out your card with the necessary IRC or "green

stamps" direct to the DX station and sit and wait. And wait! After time goes by you become discouraged and wonder why the station does not answer your QSL, especially when you have provided the addressed envelope and funds.

Jim Simmons, W7KVV, Public Relations Officer for the Grande Ronde Radio Amateurs of eastern Oregon, puts some light on the subject. Jim states:

"For the information of the uninitiated, missing QSL's and/or snipped envelopes are not generally the fault of foreign amateurs or censorship by foreign governments, but is likely the work of mail thieves. The practice occurs mainly in less-developed countries whose per capita earning is but a fraction of ours and is a system for supplementing the incomes of the individuals involved. In some instances, the DXer's envelope and contents are stolen entirely and his QSL discarded before reaching the foreign addressee; in others his QSL and SAE are delivered but only after the enclosed green stamp(s) or IRC's are removed by the thief.

"The latter process is a simple one: the thief has but to carefully cut or tear off a corner of the DXer's envelope, and after observing its contents, remove them by employing a slotted device such as a bobby pin. The green stamp(s) or IRC's are wound into a small cylinder and deftly removed.

"Regrettably, many of the countries on DXers' "Most Wanted" lists are also those in which postal theft is rampant. I can offer no real solution for the dilemma; however, one possible improvement might be for many more foreign stations to contract with QSL managers in "safe" countries. Equitable compensation for both the foreign operator and his manager would be required.

"How ironic that operators who avidly send green stamps or IRC's plus foreign airmail postage to DX stations feel little obligation to expend the funds to receive an identical card from a stateside manager. For only the investment of his QSL and SASE, the stateside operator is asking for a DX confirmation from a foreign station who may need his card about as much as he needs a wart on his nose.

"In closing, may I suggest we rethink our DX QSL'ing procedures and values on an international basis and stop supporting postal thieves. I believe we can greatly improve QSL sent/received ratios by considering cards sent to stateside managers as requiring the same compensation as if they were sent direct. Such action would surely encourage more DX stations to seek "safe" managers, thus reversing the current trend, which

too often rewards thieves while penalizing foreign operators and their managers.

ORANGE COUNTY AMATEUR RADIO CLUB

CLUB MINUTES

May 15, 1981

1. The meeting was opened by Robin, KA6HNY, Club V.P., in the absence of President Frank, WA6VKZ.
2. Roll call by Secretary: Member-at-large, Ernie, WA6FOW, and Club President Frank, WA6VKZ, were not present.
3. The Treasurer's report was accepted as published in the "RF".
4. The April Meeting Minutes were accepted as published in the "RF"
5. COMMITTEE REPORTS  
TVI: Nothing to report from TVI CHAIRMAN. Lloyd, W6ULU, reported that he is experiencing TVI problems associated with his neighbor's cable system.  
VIP: Al, WB6IBR, reported briefly on the VIP PROGRAM & ACTIVITIES for the past year. Approximately 75-80 VIP's have been exposed to Amateur Radio through this program.
6. Jaakko, KA7CHX, reported briefly on the local MARS Station activities for ARMED FORCES DAY.
7. OLD BUSINESS:  
Robin, KA6HNY, gave a FIELD DAY update. A site inspection was held May 14, 1981, by several club members. We still need an 80/10 meter band Captain.
8. A need still exists for a 15 Meter CW net control operator for the W6ZE Novice Net. See Bob, AF6C, if you are interested.
9. Vic, N6AHB, reported that the students in the Novice Class have passed their code tests, and are now waiting for their written exams to arrive. The General License class will begin May 19th. Good work Vic!!
10. NEW BUSINESS:  
Robin, KA6HNY, urged all members to send a QSL CARD to their Congressman expressing their opinions of HR2203. More time is needed for public comments and suggestions. More to come in the next edition of the "RF". Sandy, WA6WZN, also urged all members to write Senator Goldwater and California Senators in support of Senate Bill S.929. Details of this bill are in latest QST.
11. Robin, KA6HNY, introduced Chip, K7JA, who with his wife, presented a great program on Amateur Radio in Japan.
12. The Club program for June 19, will be presented by Bob, AF6C, and Ken, W6HHC, who will give a presentation on Field Day, past and present.
13. Robin, KA6HNY, concluded the meeting with an introduction of visitors, new and old as well as the regular membership.

AMEN!

## FCC NOTES

If you are one of the many Amateurs out there still waiting for your official Amateur license to come from GETTYSBURG, hold on to your hat. Seems the FCC had a major computer break down a few weeks back, and the applications have piled up over the weeks. The word now is that they are back in bussiness, and are now sending licenses out now to all who are waiting. One of the delays concerning the cause of this mess was question 9 on the new 610 form, concerning antenna structures that are near airport runways. If an amateur marks (YES) in the number 9 box, this is going to cause a delay in getting the said application passed and confirmed. Also the FAA Has to be notified if you exceed the height limits or distance between points of the nearest airport runway.

QST 6-81

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Still no word on whether or not HR 2203 is going to make it through Congress or not in the near future. There are two new bills up for Congress at the moment, also HR3239 and a bill in the Senate S. 821 would permit the FCC authority to charge fees for licenses it issues. It is still undetermined whether or not these new proposed bills will reflect on the Amateur community any new license fees, as it was years ago. On January 1st 1977 the FCC was ordered by court decision to drop all fees for radio licenses. Could there be a change in the wind?

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The ARRL has filed a petition with the FCC RM-3860, which would expand the present 20 meter phone band in this country down to 14.150

The ARRL also has a petition on file with the FCC on the subject of the new WARC band 10.1 Mhz. The Arrl is requesting holders of a General class or higher license be permitted A1 and F1 operations with no more than 250 watts input RM3855. (Editors note, I would like to see this one passed, not because of the CW only mode, but because of the power limits.)

## OCARC GUEST LIST

The Orange County Amateur Radio Club wishes to thank the following persons for attending our May Club meeting:

JOHN KOHL-K04A

JANET-KA6LKE & WALTER-KA6LKF SCHLICK

TED KURISAKI-JG1UMO

BOB-N6DWV & CAROLYN SHERMAN

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Congratulations to Pat, KA6CIR, who recently had a short QSO with a 7land station up in salt lake city. Pat is working towards his W A S 10 meters and still needs a few more, but Utah wont be one of them now.

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John, WD6GXZ, reports that his Advanced license has finally shown up in the mailbox after a wait of 4 months! John is still waiting to find out if he is going to get a new 2x2 call or not? One thing for sure it wont be a KD6 call, as they are just about finished giving them out, they are into the Z's now, and the word is the Advanced licenses are increasing rapidly, and 2x2's are going like hot cakes.

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HAPPENINGS

BOB TEGEL ex WD6DPK is now KD6XO!! Congratulations Bob on your new call letters. IT is not much for phonetics, but I must admit the call does roll off the ole tongue pretty easily HI.

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T V DX

Yes indeed, the evening of May 23<sup>rd</sup> proved to be most interesting. Seems there was a good sporadic E cloud over western america that night and several of the western states appeared on 10 meters around 9 PM local time, but that was not the only thing happening on the local scene. Seems that the sporadic E was affecting some of the local TV channels also, 2 and 4 about the same time with the usual give away, FLUTTERING VIDEO! If any of you out there turned your TV sets to channel 3 a little after the 9 PM hour, one could see a station up in the state of Montana coming in at times in color! Dont know what the stations call letters were, but did catch some letters in the upper left hand corner of the picture which were MNT NEWS BUTTE, during a sports report. Did anyone in the club catch this TV DX ?\*\*\*\*\*the editor:

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FIELD DAY REMINDER

DONT FORGET TO BRING A COPY OF YOUR FCC AMATUER LICENSE! with you-when you come out to the ORANGE COUNTY AMATEUR RADIO CLUB FIELD DAY site at El Toro MCAS Field day weekend. The FCC requires us all to do this to operate legally: 97.82 97.83 FCC rules & Regulation:

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The Editor (JOHN CHRISTOPHER WD6GXZ) wishes to thank WORLD RADIO, for the many fine stories and articles used in the Orange County Amateur Radio Club Publications "The RF", this year. Keep up the fine work folks.

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ORANGE COUNTY AMATUER RADIO CLUB INC.  
FINANCIAL REPORT  
MAY 1981

<u>Income:</u>		<u>EXPENSES:</u>	
\$ 10.00	DUES.....	\$ 18.00	STAMPS.....
\$ 8.84	COFFEE.....	\$ 41.92	SWEEPSTAKE PRIZES
\$ 46.00	SWEEPS TAKES.....	\$ 7.95	BADGES.....
\$ 9.00	BADGES.....	\$ 31.27	RF PRINTING.....
<u>\$ 73.84</u>	TOTAL .....	\$ 6.94	DONUTS.....
		<u>\$106.08</u>	TOTAL

BALANCE IN CHECKING ACCOUNT AS OF JUNE 1, 1981 \$ 256.67.....  
BALANCE IN SAVINGS ACCOUNT AS OF JUNE 1, 1981 \$ 772.03.....

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

*THIS IS THE  
ACTUAL #*  
✓

In the Matter of

Revision of the Amateur )  
Radio Service Rules into )  
"Plain Language" )

PR Docket No. 80-729

COMMENTS

**SUMMARY.** (Briefly summarize your comments to give a reviewer a chance to see quickly what specific areas concern you. This is optional but recommended for lengthy filings.)

**GENERAL COMMENTS.** (This is the place to comment on the philosophy of the Docket and list any pros or cons on which you do not intend to comment further. It is a good idea to establish an atmosphere of fairness by citing some things the FCC did a good job on. You can also include a statement on any special qualifications you have for commenting on the Docket.)

**WITH RESPECT TO \_\_\_\_\_.** (This is where you tear into those things that really concern you. If you dislike \_\_\_\_\_ very much, say so, but give good, cogent reasons for your dislike. It is preferable to propose an alternate approach and say why you think it would be better than that proposed in the Docket.)

**WITH RESPECT TO \_\_\_\_\_.** (Each specific issue you discuss should have its own titled paragraph, again to aid the reviewer in finding those things that most concern him. Different Divisions of FCC are concerned with different aspects of a proposal, so the easier you make it for someone to find your comments on a specific issue, the more likely you are to be heard where it counts.)

Thank you for the opportunity to express my views.

Respectfully submitted,

Submitted: May 31, 1981

John O. Hamm  
Amateur Radio W1XYZ  
123 Main Street  
Yourcity, State 12345

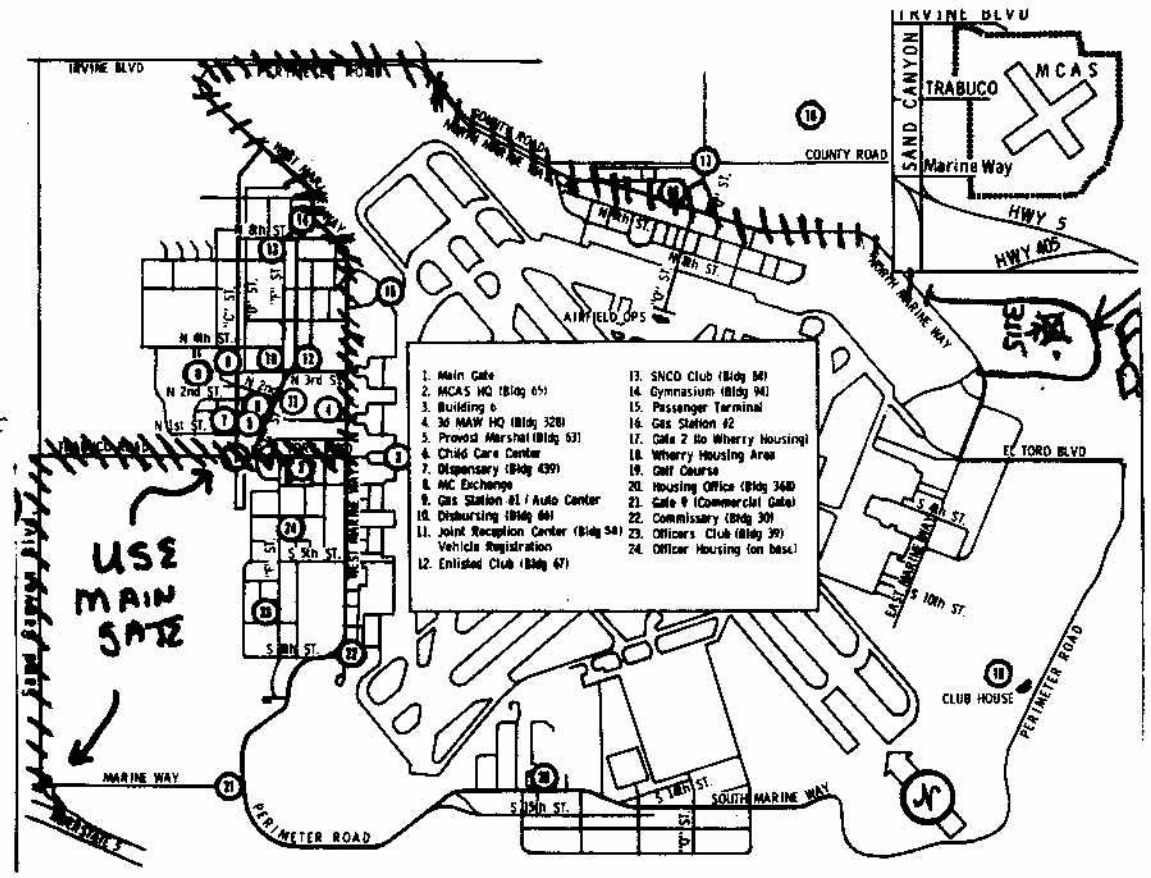
**Notes:**

1. Formal participants must file an original and five copies of their comments. It is preferable to file an original and 11 copies, so that each Commissioner will have a personal copy of your comments.
2. Make it neat -- typewritten and double spaced if practical. A neatly done, well organized response has the most impact.
3. If you submit more than one sheet, staple each copy of your filing together. The back side of a sheet may be used, but leave a margin of at least 1" on the right side, as your filing may be bound together with other responses.
4. Keep it as brief as possible and still make your point...and keep it unemotional. Name calling has a negative effect.
5. Mail comments to: William J. Tricarico, Secretary, Federal Communications Commission, Washington, D.C. 20554.

(Tnx HR Report and ARRL sources.)



1. Use the main gate
2. Be sure your pass is in window(driver
3. Follow the ~~9777~~
4. Be sure to come.



PREZ SEZ:(VP SEZ) It's June-It's Field Day-IT's 27-28 June- It's ElToro- Our upcoming field day promises to be one of the best ever. Carl, KAG0AL and CPT, USMC, has really done a fb job in securing the site for the field-day weekend. Wait until you see his support efforts. Listed below are some important details-please read them carefully. The entire board of director's urges and invited all members and thier ham friends to come out and operate. Even a few hours would be very helpful.

The June 19th meeting will focus on field days past and present. Bob, AF6C and Ken, W6HHC will conduct an operating class and there will be slides of previous field days. Several of you have been doing some homebrewing. How about bringing your project to the meeting? Elsewhere in this issue is a suggested format for filing comments on FCC proposals. REMEMBER the deadline for the plain language rewrite comments is 19JUNE-Write now!!!!

FIELD DAY 1981 Partial Check List

VEHICLE PASSES WILL BE ISSUED AT THE JUNE 19 MEETING-PSE BE THERE  
BE SURE YOU HAVE YOUR HAM TICKET WITH YOU(COPY IS OK)

Band Captains

operating table, chairs, pencils, sharpner, fan, rigs, spares, ext cord, garbage bags, beer, ice, ice chest

Members

Ham ticket, Cold drinks, Knife Fork, Spoon, Beer, Wild and Crazy Hat(Optional)

Supper, Snacks, Water, Coffee, Punch, Breakfast, Fun, Log Sheets, Aspirin, will all be provided.

NOTE: If you want to work a particular band let someone(band captains) know If your not sure or shy, come anyway, you will operate!!!!!!even FOW hihhi

ORANGE COUNTY AMATEUR RADIO CLUB Inc.  
POST OFFICE BOX 95  
ORANGE, CALIFORNIA 92688

VOL. XXII, NO. 6 JUN 1981  
FIRST CLASS MAIL!!!  
DATED MATERIAL!!!