

CNARC board meeting the Monday following the club meeting, at the St. John's Episcopal Church, 1930 hours.

Hospital Net first Monday of each month, 1900 hours, 146.985.

Club Breakfast held at Hunny's on the Wednesday after the club meeting, 0800.

PRESIDENT'S MESSAGE--

CNARC is a general interest ham club. That is, our common interest is simply ham radio. It's not just DX or T-Hunting or RACES or Packet or contesting or ATV or volunteer testing or county hunting or any other special part of our hobby. Rather, it 's all of these activities to the degree each of us is involved in them.

We try to arrange activities and programs which will appeal to everyone in the club, and Field Day is one such activity.

Field Day is a special time, one for all club members, new and old alike. I really hope every club member will participate this year. Participation means helping to set up antennas and stations, operating one of the stations and keep it going for most of the 24 hours, bringing coffee and donuts on Sunday morning or a pot of chili on Saturday evening, tearing down the stations Sunday noon, and of course, swearing to make more contacts next year.

For the newcomer, Field Day is an excellent chance to get a taste of contesting. Or, to operate on 20M phone. Or, to operate on two of the WARC bands (12M and 17M). Or, to work CW in a contest environment. Or, to see how an old hand runs a contest. It shouldn't be a time to just stand around, or worse yet, to stay home and cut the grass.

I hope those with younger hams in the family will make the special effort to get them to come out and operate...even if you have to threaten them.

Let's make this Field Day a great one, a time to remember as a club activity with a really high percentage of member participation.

ELECTION OF CNARC TREASURER--

We should have elected a new Treasurer at the last meeting, but not enough members were present to have a quorum. Please plan on attending the June meeting with your candidate in mind. Think about it.

CW CONTEST WINNERS ANNOUNCED--

Well, it was a no-contest-contest! Fred 'busted his butt' and made over 100 CW contacts to win the CW contest, paddles down. Congratulations, Fred, W6TKV, and good show to the only two other contestants, Dick-N6XUC, and Dick-AF6F.

CNARC QUICKIE CONTEST #4--

This test of operating skill is a WAS (Worked All States) contest which ends at the club meeting. The idea was to work as many states as possible, and if more than one club member works them all, whoever does it first will be declared the

winner. W6TKV will present the CNARC Travelong Trophy to the winner. If you haven't started yet, you better get your *** in gear.

MARCH AFB MUSEUM TOUR--

The CNARC tour of the Air Force Museum at March Air Force Base was really worthwhile. The tour of the 39 aircraft was conducted by a retired Air Force pilot who provided such interesting data on each airplane. It was one of the 20-year old SR-71's, recently retired, that set the cross continental speed record just a few weeks ago...coast to coast in 1:08 hours.. that's humin'.

FIELD DAY 1990-- June 23rd and 24th--

Field Day Chairman N6MWH advises our Field Day site will be Foothill Elementary School, located in Corona on Buena Vista, just south of Ontario. It's a good site with an RF view to the east, and it comes complete with football goal posts, basketball posts, and tether ball posts...all great for holding antenna masts erect. And, it's a windy spot.

CNARC will be in the 3A class, which means 3 transmitters plus a Novice/Tech station (our exchange will be "3A ORANGE"). During the daylight hours, we will have a 20M SSB station with a tribander, a 15M SSB station with a 2-element Quad, and a 12M/17M/40M SSB station with Dipoles...plus a 10M Novice/Tech station with a vertical. During the nighttime hours, we will have the 20M SSB station, a 40M station with dipole and a 75M station with dipole. Anyone who has a better antenna for any band, should call N6MWH.

Each of the four stations require a transceiver (preferably like the TS-440, FT-757, etc.), operating table, 2 chairs, desk lamp, sun/wind shade, clock, power strip, pads and pencils. Be sure and dress for being out in the sun, and for being chilly at night. CNARC has antenna masts with guy lines, but will be adding some more.

Anyone with a trailer or RV should plan on driving it onto the Field Day site (parking lot or football field... no rocks, no bumps).

There are bonus points for publicity, for receiving the ARRL message, for sending a message to our Section Manager, for operating with solar power, for packet operation, and for handling five traffic messages. We need to be sure we cover each of these areas.

The hardest part is in arranging for enough operators. During the day, we will probably be okay, but we do need nighttime operators. And, anyone interested in CW operation, please raise your hand! N6MWH is working to develop a rough operating schedule, so please give him a telephone call with your availability.

Field Day set-up will start on Saturday, June 23rd at 0800. Radio operation will start at 1100 until Sunday at 1100 when we tear down (which will take about an hour).

NEW NOVICE CLASSES TO BEGIN--

Bob Leo, KJ6B, reports that the new Novice classes will be advertised and start in the Summer. Nineteenth of June is the official start date for the Summer Novice Class. Register through the Corona Parks and Recreation Department, 6th Street, Corona.

THOUGHT FOR THE MONTH--

A committee is composed of the unfit, appointed by the unwilling to do the unnecessary.

THE MAY MEETING--

QRP was duly explained with hardware shown, sources documented, techniques explained, and some slides showing the extent of this specialty- both here and in England. England seems to be a real hot bed of QRP enthusiasm. Cam Hartford, N6BA, did a good job of whetting enthusiasm for this sport. Seems there is a QRP Amateur Radio Club International besides many other more local clubs, publications (we received samples), and awards devoted to this mode of operation. NF6Y was very much surprised when Lee, WD6DBI pulled his call from the envelope of members for the door prize, a collection of RF connectors. Can't have enough of them... The raffle prize, an ARRL Operators Manual was won by Mike, N6VMB. That was almost a 'welcome back' for Mike, he's been living in the Seattle area for some time. Field Day was mentioned but no plans announced. Only about 4 weeks from the time you get this until it's HERE! Meeting adjourned at 2123- not bad.

YOUTH W.A.S. TROPHY--

We are going to award a Youth WAS (Worked All States) Trophy. (See the December or January issue of THE COMMUNICATOR.) Of the seven candidates who will win?

CNARC BREAKFAST--

At the monthly breakfast on 9 May, KC6BTI, NF6Y, WM6S, and W6TKV discussed CW, Antennas, graffiti, saving string and foil, and everyone who was not there... SOOOOO, come join us, 6 June, 0800, Hunny's.

T-HUNT RESULTS--

Visitors are always welcome to participate or just to ride along as observers or critics...

This month's T-hunt was held on Saturday, May 19th. There were three club members involved: John, N6SBU-hider; Diane, KB6VKL-assistant hider; and John, NF6Y-hunter. What a good position to be in- first place assured, no competition, no pressure, no embarrassment if three or four hours go by without finding the hider... well, almost. This one was a bit extra fun for me, as Rudy-KC6BTI was monitoring on the 'club' frequency, and I kept him informed each time I took a bearing and what I planned to do next. John and Diane were at the park near the Corona Airport, it took an hour and a half. We got together with Rudy for lunch afterwards at Carl's on Magnolia near the 15 Freeway. A good hunt, a good get-together for lunch. Visitor hunters as well as ride-alongs are always welcome. Next hunt starts at 1000, 16 June, from

THE DX WINDOW--

From KB6GNZ-Mark, W6TKV-Fred, and John-NF6Y:
5W1HM-Western Samoa, KB4CL- Cuba, 2K1XQ-Cook Islands, PZ1EL-Suriname, JA9IPF-Japan, ZL2ANB-New Zealand, C6ACN-Bahamas, HB9MX-Switzerland, DJ2NM, and DB8RR-Germany, FD10HS-France, Y22FB-Lithuania, SM4CTT-Sweden, LA9WD and LA9CE-Norway, KH6UPI-Oahu, ER2Q-Latvia, ON4DY-Belgium, KP4DX-Puerto Rico, UA3DUA-USSR, YV5MRR-Venezuela, 3D2AM-Conway Reef, Fiji Islands. 40M- ZK1WL-No. Cook Is.; 20M- A7IRU-Qatad, AH3C/KH5J-Jarvis Is., BV2FA-Taiwan, CR2COK-Portugal, DJ2NM and DL6FBL-W. Germany, DU/KAORBY-Philippines, EA9LZ-Ceuta and Mellilla, EN3A and ES7FQ-Estonia, F65BB-Buadalupe Is., and stations in Reunion Is., Kerguelen Is., Scotland, Switzerland, Korea, Italy, Japan, American Samoa, Bulgaria, Czechoslovakia, Sweden, Poland, Egypt, Kirabati, San Marino, Turkey, Ukraine, Russia, Kazakh, Asiatic Russia, Eastern Carolines, Brunei, Australia, Lord Howe Is., Norfolk Is., Millis Is., Falkland Is., Chagos Is., Pitcairn Is., Sudan, E. Germany, Yugoslavia, Venezuela, Niue Is., Spratly Is., Conway reef, Franz Josef Land, Nigeria, Malaysia, and Eastern Malaysia.
15M- Jarvis Is., Nigeria, Cuba, Spain, Estonia, France, Korea, Italy, Belgium, Mali, Bylorussian, Kazakh, Yugoslavia, and Brazil.
10M- Cuba, American Samoa, Niue Is., and Paraguay.

ARRL VE EXAMS--

The Riverside County Amateur Radio Association (RCARA) has scheduled license exams for, June 2nd, September 1st and December 1st (all Saturday mornings at 0830) at Riverside General Hospital. For information call 780-2680. The Inland Empire ARC has exams the LAST Monday at 1930 at Montclair Civic Center, Bonito, off Central, couple blocks south of the 10 freeway and to the west of Central. NF6Y is now an official VE, having applied to the W5YI National Volunteer Examiner Coordinator.

RAMOS DOES IT AGAIN!--

In his continuing pursuit of the Ham ticket, Rudy Ramos, KC6BTI, journeyed to the Inland Empire Test Session on 21 May and successfully passed his written exam for GENERAL! Now there will be a continuous series of DITs AND DAHs heard emanating from the Ramos Studio Of Photography in Corona as Rudy prepares for his code test.

CIRCLE CITY COMMUNICATOR DEADLINE--

The target date is the Sunday, a week before the regularly scheduled club meeting. 24 June is the next deadline. Copy for the Circle City Communicator may be sent to: John B. Miller, NF6Y, 775 7th St., Norco, CA 91760, or to: NF6Y @ KD7XB-1, via packet, 145.05 MHz.

CLUB BADGES AND JACKETS--

Club badges may be ordered at any time at a cost of \$4.00 with your order (or \$5.00 upon delivery). Club jackets are available at an approximate cost of \$25.00, however, we have to order at least 10 jackets at a time. Anyone interested

should speak up at the next meeting and we'll start a new list.

JUNE BIRTHDAYS---

Five of our members were born in the month of June! KC6BTI-Rudy-14, KB6VKL-Diane-23, K6ZCE-Barry-23, N6XFB-Curt-23, and N6CFQ-Chuck-25. A very Happy Birthday to you all and many more to come. Three on the 23rd- PARTY TIME!!

ARES/RACES CORNER-

ARES/RACES still needs volunteers for: TRAINING OFFICER, RESOURCES OFFICER, NET CONTROL OPERATOR, ASSISTANT EMERGENCY, COORDINATOR. Interested? Contact Ron, N6RND, 371-0960.

ARES/RACES

by Barry, K6ZCE

City of Corona-

We had a meeting with Corona Fire Chief Bob McNabb recently. Chief McNabb heads the disaster planning committee for the city.

Corona plans to have a disaster preparedness position established by October. This will give ARES/RACES someone to liaison with. Meanwhile RACES will be worked into the new city plan. Plans are also underway for a new emergency operating center (EOC) to be included in one of the city's new buildings, due in 3 to 5 years. In the interim, a temporary EOC is being set up in the police department multi-purpose room. Arrangements have been made for relocating the RACES radio to a locked cabinet in the new EOC. This is in the budget for July.

Some other topics included:

- * A disaster committee sub-committee will be formed and will include RACES.
- * A two meter antenna to be installed at Corona airport.
- * A new tag-identification program to be implemented in 6 months. RACES will be included.
- * Chief McNabb would like to meet with the ARES/RACES planning council.

Coachella Earthquake (drill)-

Coachella held an exercise April 26 and six westend cities were asked to play the role of "support city". They included Corona, Norco, Lake Elsinore, Perris, Sun City and Idlevild. Messages coming out of the "earthquake devastated" area requested "resources" from the support cities: ambulances, water tenders, dump trucks, police units, strike teams etc.

Participating at Corona EOC was Milt-NM6S and at Norco John-NF6Y (who set up a station from scratch) and Barry-K6ZCE. The exercise went well. Nice job.

"Are you H,B,P,M or T?"

Confusing? This is a short-hand notation system for classifying your radio equipment. When we have an emergency, we won't have time to discuss equipment while making assignments. The Emergency Coordinator (EC) will be compiling a list of manpower and equipment requirements and the Resources Officer will be filling these requirements.

To save time, the equipment is divided into just 5 classifications. These are:

H Handheld, with extra battery pack or belt mounted Gel-Cell battery, earphone or headphones and extended range antenna.

B Base station, at-home station with high power and good antenna. Could be used for NCS (with training), relay station or telephone access (patch preferred).

P Portable, base or mobile unit that can be brought to a field location, including power supply (AC power available at site), or battery, antenna and coax (25 feet min). Earphones are a must.

M Mobile, permanently installed radio in your vehicle with high power and good antenna. Operator must be willing to use vehicle for travel.

T Transferrable, mobile unit that can be transferred to another vehicle. Cigarette lighter adapter, battery clips or high capacity Gel-Cell battery. HT requires amplifier. Mag-mount antenna (5/8 wave preferred).

An emergency or disaster will require mostly H,P and T equipment. Does your's meet these requirements? A little extra investment and you will be ready to assist next time.

When you check into net, give your equipment classifications H,B,P,M, or T.

RIVERSIDE COUNTY RACES COUNCIL MEETING OF 17 MAY 1990-

The following appointments and changes were made (as of July):
Chief RACES Officer- John Wendt, WA6BFH.
Deputy RACES Officer (West)- Dean Chambers, KB6YS.
Deputy RACES Officer (East)- Brett Rower, N6NLN
Two advisory positions were formed to aid and support Chief Greg Scott and the RACES program:
ARRL Local Govt Liaison- Joe Brown, W6UBQ;
ARRL Asst Section Manager- Bob Mann, W6LKN.
(Six other staff positions are in the planning stage.)

Thirteen RACES Districts were formed, eliminating the 7 Comm Districts (Morcomm, Vescomm, etc.) which had been in place for 5 or 6 years. Riverside County's seven Emergency Committees still exist and will be supported by the 13 RACES Districts.

The District titles indicate the center or focal point of the District which includes the surrounding communities and county territory. The Deputy Races Officer (DRO) West will oversee Riverside, Corona, Norco, Mira Loma, Moreno Valley, Sun City, Lake Elsinore, Hemet, Mountain and Anza. The DRO East will oversee Coachella, Pass, Palm Springs, and Palo Verde Valley. de Bob Mann, W6LKN, ARRL Asst, Section Manager.

CNARC CW NET FORMING

We have hereby established a 'club frequency' of 28.290MHz.

Listen in, call "EN de (call)". A more structured net will be held on this frequency at 2000 hours on Wednesdays. Listen in, put your oar (paddle?) in, and have a go- you'll be among friends. Don't give up after one try, be persistent.

DO YOU HAVE A PK-232?

Adjust the input voltage to 13.5 volts. Apparently the unit is sensitive to low voltage- causes the computer to lock up.

CINCO DE MAYO PARADE-

The parade went very well. It started on time and was over by about 1130 hours. Only problem was that it got pretty HOT weatherwise about the end of the parade and it was good that it was over when it was. The post op critique was pretty unanimous in the opinion that a speakerphone or an earphone-boom mike would be a big help, especially when the bands and PA systems got going. Barry, K6ZCE, has a great source for a boom mike phone from Radio Shack. Our newest Technician, Rudy Ramos, KC6BTI, was co-Brand Marshall in the parade. He and "Ace" Acevedo, the other Brand Marshall, rode in a RED Ferrari convertible, Rudy monitored the frequency all the way through the parade- a FIRST for CNARC! Sure was handy to have the handheld radio to rendezvous at the park after the parade.

KP4DX RENDEZVOUS UPDATE-

Luis was in town on the weekend of the 12th and I got to talk to him on 2M. I asked about the time/frequency sked he kept. We had it wrong! (First mistake this year...) The time is every day between 1500 and 1700 local time and the frequency between 28.450 and 28.475 MHz. Anyone need Puerto Rico?

FIELD DAY MINI-SEMINAR-

By Warren Hoffnung, KF6VV, condensed from the INTERMOD, West Coast ARC, from the A.R.N.S. Bulletin, June 1989.

EACH PERSON HAS A ROLE

Even though Field Day is simulated emergency operation, it is not supposed to be a big surprise. In fact, the very preparation that goes into Field Day is the best training for the planning required should some serious disaster occur. Consequently, it is of great significance and must be carried out months in advance. Unfortunately, all too often, this planning is done by the same small group of people year after year. They, of course, will be well qualified to exercise good planning skills in the event of a disaster. Unfortunately for most communities there will just be too few with real experience.

What is planned during these pre-Field Day meetings? To list just a few items, site selection, table and chair arrangements, team captain appointments (at least one for each station position), team assignments and scheduling, radio equipment specification, antenna positioning (to minimize interference between stations at the site), station positioning and so forth.

Once Field Day arrives, the success of the next 24 hours (so far as contacts are concerned) rests squarely on the shoulders of the Operator, the Logger and the Duper at each station.

Although at times these are all the same one person, ideally we should have a separate individual for each function. In addition, the roles should be rotated periodically and new people moved into the cycle on a regular basis. Logging is the easiest task and should be the starting point for the inexperienced Ham. After 30 minutes the Logger should become the Duper, the Duper the Operator, the Operator should be relieved and the next new Ham should move in as Logger.

In addition to the three key people at each station, others not involved at the moment could fetch coffee, doughnuts, sandwiches, cold drinks, or whatever to enable the team at the radio to operate at peak efficiency. They could also help with checking generators for fuel level, help tally on-the-fly results, and many more tasks. Involvement is the key. It is the responsibility of the team captain to make certain that any Ham who comes around gets a chance to participate and be smoothly worked into the station.

MAXIMIZING CONTACTS

Field Day can be divided into five basic periods:

- 1) Contest Start
- 2) The Hectic Hours
- 3) The Wee Hours
- 4) Back to The Grind
- 5) The Tail End

Each of these periods requires its own unique operating style to maximize contacts. Follow along as I describe the techniques.

CONTEST START

About 30 minutes before Field Day officially begins, scan the band that you will be working. Get a feeling for the band conditions, what sort of range you will be working, check different directions if working with a directional antenna, and generally tune up to be listening carefully for call signs. Working a lot of stations requires intense concentration, blocking out everything but the sounds coming from the receiver. It is impossible to simply turn this mood and level of intensity on and off as you would a light switch. Start before the contest begins and you will be prepared once it begins.

THE HECTIC HOURS

From the moment Field Day begins until the band you are working starts to fade, you can count on an abundance of signals. The technique recommended for this period is to perch on a frequency and let the world come to you. Since you will be involved with every contact, it is simple logic that you will get more contacts this way than if you hunt for a station who is already perched with a pileup. Once perched, the intensity of your concentration becomes paramount. When

you throw out your QRZ, and you hear 3 or 4 or 5 stations come back, make sure that between the three of you working the station you write down all of the calls. Then acknowledge all of them, state that you will work them one at a time but that they should listen to your report (as it will not change, "Sxy, 3A ORANBE") to speed up the process. You will be amazed how large a pileup you will generate with this operating technique. Anyone tuning the dial and hearing your style will immediately know that it is possible to waste little time to get a contact with you. Follow this style throughout the hectic period.

THE WEE HOURS

After the band begins to fade and your pileups become non-existent, it is time for you to become the hunter. Tirelessly and endlessly you must alternate between a sweep of the band looking for new opportunities and perching to grab those doing likewise. In fact, if you find someone with a minor pileup, get in line, contact them (even if it's a dupe--I'll explain in a moment) and at the end of your contact announce that you will move to --kHz. Guess what? You will wind up with your own minor pileup because all of those stations who were in line behind you for the station you contacted will hear your announcement and will follow you as soon as they have made their contact. Now you understand why you need to make the contact, even if it's a dupe. You simply need the opportunity to announce where you will be found.

BACK TO THE GRIND

When the new day dawns, the bands begin to come alive again. When the bands are busy, you can once again return to your hectic period tactics. However, you will soon find that you have already worked a great number of the stations out there. This begins the final period: The Tail End.

THE TAIL END

This is when your most open natured operator needs to get busy. During this period, we have successfully made numerous contacts by coaxing people to make contact with us saying things like, "We know you're out there and probably don't know exactly how to play the game. Just toss out your call sign and we will guide you through with no problem." Things like this will encourage the Hams who have not participated in Field Day and have no idea of the letter designator or section they are in to get involved with you. However, it does take a sort of showmanship type of personality and is not for everyone.

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**1990 SW DIV CONVENTION, SAN DIEGO,
AUG 24..26, FRI. SAT. SUNDAY-**

FOR SALE:

HW-101 w/2 mics: Shure, D-104. Spkr. Enclosure.
HQ-1 Miniquad for 10, 15, 20 Meters, Alliance Rotor.
\$250, or trade for 2 meter gear.
Telescope- Colter optical 10.1" reflector w/assorted TeleView eyepieces; Telrad viewfinder, assorted star catalogs. \$500.00.
Al Jaszcar, KA6IDE, Evenings and weekends- 789-9759.