

Name: _____ Call: _____

AMATEUR RADIO EMERGENCY SERVICE REGISTRATION FORM



Address: _____

City: _____ State/Prov.: _____ Zip/PC: _____

Bus. phone: _____ Home phone: _____ County: _____

License Class: _____ Primary radio interest: _____

Check (✓) bands/modes you can operate:

	160	80	40	20	15	10	6	2
CW								
FM								
RTTY								
SSB								
MOBILE								

Can your home station operate without commercial power? YES NO

If yes, what bands? _____

Signed: _____ Date: _____

Detach and send card to ARRL, 225 Main St., Newington, CT 06111 or directly to your EC (if known)

To All Radio Amateurs:

The Amateur Radio Emergency Service (ARES) is a voluntary organization of licensed radio amateurs, who have registered their capabilities and equipment for providing emergency communications as a public service to the community. The purpose of the ARES is to furnish communications in the event of natural disaster, when regular communications fail or are inadequate. Sponsored by ARRL, the ARES functions at the local level to meet local communications needs.

The ARES has a long history of public service going back to its formal inception in 1935. Since that time the ARES has responded countless times to communications emergencies.

Experience has proven that radio amateurs respond more capably in time of emergency when practice has been conducted in an organized group. There is no substitute for experience gained *before* the need arises.

The ARES in each locality operates under the direction of the Emergency Coordinator (EC), whose function is to direct the activities of the ARES to maintain a state of readiness.

To register in the ARES, send the detachable Registration Form above to ARRL Headquarters for forwarding to your EC. *League membership is not required for registration.* Registration does not require possession of any specially designed equipment. All amateurs can be of assistance to the ARES. There is provision in the ARES for *every* amateur regardless of class of license, equipment owned, or personal circumstances.

Won't you join us in providing this essential Amateur Radio service?

John F. Lindholm, W1XX
Communications Manager

MERGER -- N6BLN

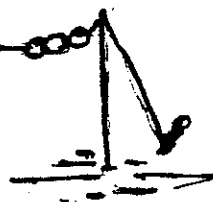
Presently a group of 4 responsible amateurs are looking into the PROs and CONs of merging the two local clubs. All parties involved are fully aware of the responsibility of this undertaking. Of primary concern is the continued operation and maintenance of the present 2 meter repeater; and for the continued addition and upgrading of future repeaters. The over all response to the merging proposal is favorable. Those not in favor are justifiably concerned about the lose of integrity and control of the repeater. As the proposal committee lays out its plans, suggested By-Laws will be drafted to insure the continued financing and maintenance of the repeater. A proposed plan will be to establish a repeater Executive Board which will control and administer the repeaters. The small group that flatly oppose the merger, are opposing on the grounds "it did not work before and it won't work now." Sounds like something said to the Wright brothers and Thomas Edison. The merging committee has been appointed by the Presidents of both clubs. They will endeavor to put together a fair and functional plan. Once it has been developed it will be presented to the FULL membership of both clubs. The membership will voice its opinion and make its suggested changes. The plan will then be revised accordingly and then re-submitted to the FULL membership for a vote. It will be the membership of both clubs that decides the final out come. It would not be fair to suggest or imply that the actions of this committee is an attempt of one club to take over another. The primary goal is to effectively channel the resources of both clubs to the common good of all amateurs in Sonoma county. All club members and concerned amateurs are strongly encouraged to contact any member of the merger committte and make his or her suggestions and comments known. WB6PMN Gary 539-4071, W6DTV Hank 823-7885 N6BLN Lyle 829-2026 or KN6S.



Sonoma County Radio Amateurs, Inc. ~

Short Skip

Vol. 6 - No. 7



Field Day 1981
Ragle Park
Sebastopol, Ca.
June 27-28

DX FOR JULY by CHOD, VP2ML

July is the low point in the annual roller coaster of DX Propagation. The bands tend to be noisy, weak and propagation is usually short. The high point of the month is the IARU Radio Sport Competition July 11-12. This contest attracts all the Russian and Eastern European countries in force, and is an excellent opportunity to make those last few contacts. (Of course, those Russian QSL's take several years through Box 88, Moscow.)


July does offer **EXCITEMENT** on the DX bands. However.. The sunrise/sunset hours can increase signal strength enough for some good long haul DX, and exotic propagation modes are at or near their peak: Transequatorial and E skip in particular. Watch 10 Meters around midday, even when the band is "dead" 910 meters is never really dead; I worked 160 countries on 10 at the bottom of the sunspot cycle using 100 watts and a vertical! Keep your beam aimed south and listen for South Africa, South America, and Australia. E-Skip (short skip 400-1000 miles) opening can be first noticed on 15 Meters. If you hear signals from nearer stations getting louder (the skip is "shortening") try 10, with the beam in the same direction. Don't just listen; call CQ. And watch for, and call for, double hops. I.e., if Texas is coming in strong, call for Caribbean stations.

And keep an ear out for VP2ML the last two weeks of July, in the general portions of the phone bands, The highest band that is open, and in the lower half of the Novice CW bands. BCNU

73, Chod VP2ML.

THINGS THAT MAY HAVE BEEN HEARD AROUND FIELD DAY 81

If anything can go wrong -it will--Murphy---There's always one more bug--
Lubasskip Law of Cybernetic Entomology---It works better if you plug it in--
Saltingers Law---If it jams-force it-If it breaks, It needed replacing anyway--
Lowery's Law--- It won't work--Jerkinson's Law--- Oh well it was a great Day.

Vern  in charge / More to Follow

CLUB OFFICERS

President Len Gerald K6ANP
795-4335

V Pres. Lyman Wilshire
833-2000 WB6SMY

Treas. Gary Davis WB6PMN
528-4304

Sect. Doug Stewart N6DHT
523-2118

Board: Alan Bloom N1AL
527-0840
Steve Schaffer KD6GC
546-8860
Chuck Sabin N6DDK
795-2371

Short Skip Hank Davis W6DTV
823-7885
Lyle Meek N6BLN
Chod Harris VP2ML
DK Watch
Don Bremmer KB6LO
Terry La Duke WA6RNF
Printer

Call Sign-- W6LFPJ

Club Meeting-- July 1st.--3400 Chanate Rd., Childrens Day Care Center. Board meeting the 9th of July at Steve Schaffers Home.. Steve will talk you in.

COMMITTEES

Mobile Unit--Doug Stewart N6DHT at 523-2118 or Don Bremmer at 546-7047.

Educational--Gary Davis WA6PMN at 528-4304.

Explorer Post-599 Mike Ter Sarkisoff N6DBZ 823-8977.

Parts Mgr. Lyman Wilshire WB6SMY 833-2000.

Club Merger. Lyle Meek and Gary Davis.

Field Day--Don Osborn--829-0565.

Radio Shack has been very good with donations for the Club Raffle, stop by and say hello or buy an item or two.

Radio Shack

Store No. 3850

ZANE BATES

510 Farmers Ln MGR. 546-8423

Santa Rosa
Ca.

COMMENT BY WA8LLY

Are you an unintentional jammer? There is more to ham radio than FM. The OSCAR Satellites are my vice. Unfortunately the local FM gang is causing MUCH QRM to the OSCAR gang. By gentlemen's agreement 29.4 -29.5 MHz has been set as for satellite downlinks. When 29.6 is busy, the locals seem to move down in frequency rather than up. The wide FM signals use up most of the downlink pass band.

2 Meters has similar problems. 145.1-146.0 MHz is used for both up and downlinks on OSCAR. The most common problem is "going down 1 MHz", for FM Simplex QSO's. 1 MHz down from the 146.91 repeater puts you on 145.91 in the middle of the OSCAR band.

The region from 144.0 to 144.5 MHz is used for weak signal SSB/CW work. During the recent EME Contest K1WHS was constantly QRM-ed by a local FM station.

Most of the QRM from the FM gang is caused when trying to work simplex on a private channel. The region from 145.0 to 145.79 was left unallocated and is excellent for this use.

So before going on simplex, check the frequency you may not hear that SSB/CW QSO or the OSCAR downlinks but they will certainly hear you.

Thanks
Steve
Steve WA8LLY

COMMUNICATIONS

The Valley of The Moon Racing Club Annual Monte Rio Russian River Race. Six miles from Monte Rio to the Bridge at Ducans's Mills and return.

Warren WB6RHP, Mike N6DBZ, Ron Wb6NBR, NCS, Hoppy Jr. WD6CKP, Hank W6DTV, and Sarak Ka6MCU.

Six check points were taken care of for some 342 runners. A great success.

Another race had to be canceled because of lack of time to organize. It was 200 miles.

GROWING OLD W5VI

Everything hurts and what doesn't hurt, dosen't work.

2-METER ORGANIZATION

Like a lot of things....there's no end to newcomers on 2 meters. Many 2 meter neophytes want to know how the band is organized. What modes are used where? Some repeater vets. have asked the same question, so here, by popular demand, is an annotated 2 meter organization chart.

144.0-144.1CW, Only is legal in this part of the band, most of that activity is between 144.09-144.1...

144.1-144.5SSB-USB-144.2 is the calling frequency.

144.5-144.6-linear translators-plus FM inputs-20kHz spacing in populated area.

144.61-144.89-FM inputs 20kHz spacing.

144.9-145.1- nonchannelized simplex weak signal (non FM) operation.

145.1-145.2--Linear translators: see above.

145.21-145.49-FM repeater outputs every 20 kHz.

145.50-145.79-open

145.8-146.0-OSCAR CW and SSB up-link or downlink.

146.01-146.37--FM repeater inputs, 30 kHz and or every 15 kHz in or out.

146.4--146.58 FM Simplex in some areas inputs of repeaters up to 146.46...

146.61--146.97--FM repeater output 30 kHz or 15 kHz spacing.

147.0--147.39-- FM repeater output

147.42--147.58--FM Simplex. WIAW transmits on 147.555.

147.6-147.99--FM repeater inputs

OFFICE CHANGE

Bob Olsten, treasure of SCRA, Inc. has resigned his office. We the members of the Club wish to thank Bob for his fine work during the year.

Gary Davis has agreed to fill Bob's office for the remainder of the year. Good luck Gary.

CLUB MONIES

Money on hand \$840.00
\$200.00 set aside for the finishing of the trailer. Items needed must be submitted to the Board first.

\$150.00 issued to Chef for food for field day. To be repaid by charges to field day members.

Out standing bills. Reno Ticket payment. Amount unknown at this time.

AILING MEMBERS

Glen Crowover is home recovering from a back problem. Glen has to be in the horizontal position most of the time. Give him a call on 13/73 and chat with him.

Lyman Wilshire, Vice Pres. of both clubs is back in Oak Knoll Hospital again.

EDITOR'S TRIP

Your editor attended the Field Day rap session of the San Juan Amateurs. N7JN, John Deeds, a former member of our group lives on Orcas Island, invited me to attend the meeting. The group was evenly divided between Xyl and om's. This is Ham Country. Radio poles are only a step away in your back yard. Some are 5 to 6 inches at the base and only 3 or 4 at the top-60 to 70 feet away.

One item of agreement was to run the 120S from a battery supply floating a charger on same. It seems problems were had with emergency generators and spikes in the past.

In this area amateurs go to Field Day via the Ferry Boat. Each major island has at least one amateur living there but they all get together on one of the Islands for meetings, etc.

CERTIFICATE SEEKERS

July 4-5--1500-2100-4th--1700-2100 5th-Freq. 7245, 14290, 21390, Novice 7125, 21125--SASE, 9"x12" to Hannibal ARC, WOKEM, 2108 Orchard Ave., Hannibal, Mo. 63401--plus your QSL.
National Tom Sawyer Days, From Tom Sawyers, (Mark Twain's) home town.

★ — FOR SALE — ★
A NUMBER OF MOTOROLA 6 FOOT
CABINETS - REPEATER / REMOTE RADIO
60 WATT 2MTR FM
CALL QUESTOR OR ROSE 3.
546-2746

W5YI REPORT.....

Page 4
June 1, 1981

3138 R. D. Carter, WA4WUS	Eliminate cw as requirement for amateur license
3138 Jim McDaniel, N6IR	Amend Part 97 to increase Novice and Tech. privileges
3181 Mark Skylaney, WB3FKP	Limit power in 3-30 Mhz range to 250w using cw
3211 L. Rand	Delete age limits for volunteer examiners in ARS
3238 Charles Cox, AB5X	Expanded Extra Class phone privileges
3248 Academy of Model Aeronautics	222-224 MHz for radio-controlled models
3272 John Carroll, AB1Z	Bandwidth limitations in Amateur Radio Service
3299 CB Magazine	Allow CB single sideband operation 27.545-27.995 MHz
3314 Amer. Radio Relay League	Allow Novices A1, A2, A3, F3 privileges on 220-225 MHz
3317 Wash. State CB Radio Assoc.	Formation of no-code radio service 27.4-28.0 MHz.
3458 Shannon Cisco, WB4AZT	Change subbands so that upgrading is more attractive
3474 John Hopkins Applied Physics Amateur Radio Club	Allow unattended automatic control of beacons and to restrict beacon operation power and frequencies
3522 Charles Spencer, K4RXX	Amend rules to require notification of harmful interfer.
3541 John Willard	Provide Grandfather rights
3565 Arthur Bauernfeind, W9MCJ	Extend General Class amateur radio privileges
3618 Robert Thornburg, WB6JPI & David A. Faraone, WA6KOS	Repeater users -- not repeater owners/licenseses to be responsible for repeater retransmissions.
3664 Henry B. Ruh, KB9FO	Restrict new amateur bands to ASCII, RTTY and SSTV
3705 Philip E. Galasso, K2PG	Phone band expansion in Amateur Radio Service
3714 John Gebuhr	Extend i-d (identification) time periods
3728 Schenectady ARA, Inc.	Proposal to allocate subbands in new 10-MHz band
3729 David Novoa, KP4AM	Expand HF phone subbands
3734 J.H.Simon W1YY/W.H.Bennett W7PHO	Expand HF phone subbands
3761 Charles T. Rauch, W8JI	Requests exclusive cw subband at 160 meters
3768 Joseph Schrabal (withdrawn 5/6)	Req. amateur exam credit for "recognized accomplishments"
3788 Amer. Radio Relay League	Allow authorization of more digital techniques
3831 R. Kramer, WD8POA	Expand 40-meter phone band
3833 Fred Huntley, W6RNC	Expand 40-meter phone band
3834 Fred Huntley, W6RNC	Assignment of 10 MHz band
3855 Amer. Radio Relay League	10-MHz band proposal (250 w max.-A1, F1-Gen. up)
3960 Amer. Radio Relay League	20m phone band expansion (25-50 kHz more A3 on 20)

PETITIONS FOR RULEMAKING AFFECTING AMATEUR RADIO (Awaiting FCC action)

2419 G. Schlesinger, WA6LBV	Higher ERP for 6m repeaters
2567 Mt. Diablo ARC(w/ARRL support)	Allow alternative cw reception methods for deaf
2775 S. P. Wilds	Change Novice and Technician operating privileges
2830 Nat'l Assoc. of Broadcasters	Permit rebroadcast of amateur/CB stations by BC sta
2838 J. Walsh	Allow Nov/Techs A1, F1, A3 between 28.9-29.4
2863 R. D. Carter	Provide Gen. privileges to Tech. except cw privil.
3027 H. Ruh, WB9WWM	Eliminate Tech. and Advanced Class licenses.
3035 Amer. Radio Relay League	Increase 80m Novice subband
3042 J. Walsh	Allocate part of 10m band to Novice and Techs.
3053 H. Lacey, Jr.	Amend amateur exam mailback rule
3091 Alan Kaul, W6RCL	Establish phone band, 25 watts AM only, 28.4-28.5
3137 Dan Schwartz, WB2UBQ	Amend Part 97 to allow 2 Kw for EME, etc.

EMERGENCY SERVICE

Fellow Amateurs:

Do we need RACES or ARES? No... Do we need a TRAINED group of volunteer amateurs, organized for emergency service? YES... Conflicting statements- Perhaps. True RACES and ARES are a group of volunteer amateurs dedicated to emergency service. However, every amateur considers himself dedicated to emergency service. So what's the point? Training and participation in drills, that's the point. RACES and ARES provides us with the foundation on which to build a sound and workable emergency program. Unfortunately the amateur community seems to align itself into three categories: RACES, ARES, and/or the willing but uncommitted.

At present, we here in Sonoma County are not having the problems others are having with RACES vs ARES. Our current leadership sees the validity of both functions and as a result have harmoniously brought both RACES/ARES to mean, one in the same. They have learned that its not the name or tittle of a group thats important, its the quality of portection and service it rencers to the community. This quality service should reflect on the amateur community as a whole.

Whats the problem then? The problem is the willing amateur, waiting for the emergency to happen and expecting to immediately be absorbed into the emergency system. NO WAY.... Its unrealistic to expect any group or organization to effectively deal with the untrained volunteer, during an emergency. To much depends on team work, automatic reaction and familiarity with the emergency situation. These desired qualities can only come about as the result of training and drills. "WHO NEEDS TRAINING" you say? "I am a licensed amateur radio operator and hold the RCC, WAC, WAS, DXCC, and belong to MARS. What more do you want?" Well, you may have a rifle in your closet too, but that doesn't make you a soldier. You also have a garden hose in the back yard but that doesn't make you a fireman, either. Therefore it goes without saying, an amateur radio license does not always make a qualified emergency communicator. Well "I don't like RACES because its run to much like the military, Furthermore, I don't like ARES because its part of the ARRL and I've got no use for them. In fact what you are saying is, if I can't be the TEAM CAPTION I'll take my ball and glove and go home. Try to over look the personality problems and consider the primary objective, SERVICE to Sonoma and surrounding counties..

We must train and practice so we know who is capable of performing effectively during an emergency situation. We must have organization and control so as not to add further confusion to an already hectic situation. We must have the surveys completed and returned (when requested) so we will know what equipement and capabilities are available. We must have the RACES/ARES membership forms completed so we will know who is committed and willing to work under the established procedures.

We need all the help we can get. When the emergency hits, what we don't need is 100 self appointed net controllers and traffic handlers. Believe me when the big one hits there will be plenty of work for everyone. PLEASE JOIN US--WE NEED YOU.

N6BLN/K6QXB

If interested in emergency services-please complete the attached AERS form and return it to the address on the back of the form. For those of you having completed the form in the past, please do so again.

N6BLN

PUBLIC SERVICE FOR EVERYONE

160 Meter Band Update

Summer is here and the opportunity for public service is everywhere. Some of the possibilities that exist are:

1. Grass or timber fires to report.
2. Highway accidents
3. Travelers with vehicle or medical or lodging problems.
4. Message centers at public gatherings.
5. Outdoor activities such as Walk-a-thons, Bike rides, Charity fund raisers that need communications.
6. Amateur Radio demonstrations any place, any time. Shopping centers, Parks, Campgrounds, Flea Markets and such. Use your imagination.

These are but a few of the possibilities to consider. Try setting up your own message center or get out that transceiver and go public. Share your Amateur Radio with others and get the most out of your hobby. Band conditions are not very good but that should not keep you from being active.

Effective June 10, 1981, FCC will permit full power privileges on the Frequencies, 1800 to 1900 kHz, 1000 watts maximum DC plate input. However, some power and operating restrictions will continue to apply to some parts of the U.S. for the frequencies 1900 to 2000 kHz for protecting LORAN A radionavigation systems operated in eastern Canada. Before operating on the frequencies 1900 to 2000 kHz, send a case to ARRL Hq for details or wait for the details to appear in July 1981 QST. Mode limitations of A1 and A3 emission remain in effect for the entire 160 meter band.

MARIN COUNTY FAIR RADIO EXHIBIT

The Marin County Amateur Radio Club will be sponsoring an exhibit at the Marin County Fair beginning July 1 thru July 5. They would like to have amateurs from our area to participate. Don Bremer, KB6LO has proposed a Sonoma County Day. We would operate the exhibit for an entire day rather than go down individually. We will need operators for a twelve hour shift. Each team will work four hours. We could carpool and make parking easy and would be working with our own members. Since we will not be having our own Fair this year, it would be a good idea if we got involved with our neighboring club and helped out. If you would be willing to get into this operation, please do not wait. Let Don know immediately so he can co-ordinate. Proposed date for our operation will be July 3, Friday. If interested, call Don at 546-7047 NOW!!

GOLD COUNTRY EXPEDITION : ARE YOU READY???????

Permission has been granted for a mini-expedition at the site of Gold Discovery in the town of Colma. We have not set a date yet, but would like to hear from anyone that might be interested in this operation.

This could really be a fun trip for the Club. There is a Commercial Campground very close to the site so we can go in luxury. We will be operating within site of the famous Sutter's Mill and could really turn out a good operation.

Our Club was one of the leaders in the mini-expedition type activities and all who went on the previous trips enjoyed them. So how about some new blood on this one?

Food For Thought

To the optimist, all doors have handles and hinges, To the pessimist, all doors have locks and latches. Where do you fit???????

PUBLIC INFORMATION OFFICER NEEDED.

There is a desperate need for someone to fill this position in our Community. Surely there is some member who is adept at letter writing and capable of taking the story of Amateur Radio to the Press. If you don't know where to start, FEAR NOT, we have all the training materials and sample news releases available to assist you. Amateur Radio Needs You.

OSCAR NEEDS YOUR HELP

Oscar Phase 111B has gotten a go ahead on another Ariane Launcher. YOU CAN HELP Your donations, large and small will be matched dollar for dollar by the ARRL Satellite Fund. Send Check To ARRL. It's TAX*DEDUCTIBLE

SWAP**SALE**WANT

- FOR SALE: Kenwood 511S . needs finals--checked by N1AL. Pwr. and Spk. 550 Watts at \$300.00., Call KA6KJJ 795-3388 ask for Dennis.
- Wanted: 450 UHF Gear . Prefer Unmodified and working. Mobile or fixed. Call Don KB6LO 546-7047
Need VFO for 520S Kenwood. Call KB6LO
- SWAP: QST's some from the 1950 area. Will swap . KB6LO
- Whatever: Still have a few pieces of good junk left need room for the nest load. Come and make a deal. KB6LO
- FOR SALE: For sale 80/40 meter Heath Apache TX-1 Transmitter with the SB10 Sideband adaptor and matching RX-1 Mahawk Receiver. Working. \$150.00---Also SX130 Rec. G.C. with Ham Band Spread. \$50.00 N6DDK, Chuck--795-2371
- For Sale: Antenna Tuner--Yeasu 107 10/80 SWR/WATT Meter--250 WATT PEP \$75.00 Phone Geo 523-2436
- Wanted: Hank-W6DTV is looking for an item called a finger wrench. It was a set of sockets make like thimbuls. If anyone has any or knows of any please call Hank at 823-7885
- ARRL B UL.. An amateur station will be operated from the 1981 Canadian Scout Jamboree in Calgary During the first ten days of July. Listen for the Station on 3743, 14193, 21327, 28457, SSB and 14087, 21087, RTTY.....Go.....GO..
- The Niagara Peninsula ARC Will Operate GJ3VM July 2, 81 through 7 to mark the 200th anniversary of Niagara On The Lake, Ont. and a special Boy Scout Camporee in the Area. Special QSLs will be available from NPARC, Box 692, St. Catherines, Ont. L2R _ 6Y3
- SCRA, Inc. Betty AG6C graduated three Novices. KA6PXO--Jerry--KA6PKS-- Louise--and KA6PXR--Martha--There are plans for a trip to SF soon.
- Notice: Bob Maple wishes to give up the control of W6LFJ if some one wishes to take over please get in touch with K6ANP Pres. of SCRA, Inc. at 795--4335----Should be some one with a Extra level license.
- Growing Older: The gleam in your eyes is the sun hitting your bi-focals--- You feel like the night before--and you haven't been anywhere. Your little black book contains only names ending in MD. You get winded playing chess. Your children all look middle aged. You finally reach the top of the ladder and find it leaning against the wrong wall . Your mind makes contacts but you do not get any QSL's. You know all the answers but no one asks you the questions. Your favorite part of the newspaper is 50 years ago today. After painting the town red you need a long rest before a second coat is needed. Your back goes out more than you do. W5YI + W6DTV 7.

SONOMA COUNTY RADIO AMATEURS, Inc.

P. O. BOX 116

SANTA ROSA, CA. 95402

CLUB CALL. W6LFFJ



Bart Holmes
2818 Cochina Ct
Santa Rosa, Ca
95401