

SHORT SKIP

SONOMA COUNTY RADIO AMATEURS, Inc.

SEPTEMBER, 82 VOL. 7, #9

73 Magazine DX Column November Chod Harris VP2ML p. 1

The Top Ten

What are the Top Ten? No, not the best selling rock-and-roll records, but the most sought-after countries in the DX world. Every year The DX Bulletin surveys the top DXers in this country and other countries to determine which countries are most needed. The DX Bulletin concentrates on those DXers with more than 250 countries worked, and is the most prestigious of all the bulletins. Its Top 73 list is the most complete and well-respected of any such list in the world. Some amateur radio manufacturers determine who will receive DXpedition rigs on the basis of this survey. The DX Bulletin recently granted permission for this column to reproduce 1982 list of the most needed countries. Here is the list, with comments on future amateur radio activity. (For further information on the DX Bulletin write 306 Vernon Avenue, Vernon, CT 06066.)

1. China (BY). China tops everyone's most wanted list, with almost no legal amateur radio since the early 1950s. But that is changing (see this column, July). More BY stations are coming on the air, and BY will move down the most wanted list in future years. Not rapidly, but it will slowly move down until everyone has worked BY.
2. VK/Heard. This tiny rock near Antarctica will host one or two major DXpeditions in 1983. Watch Heard drop completely off the most wanted list next year.
3. VU/Laccadives. The only island worth landing on in this archipelago is the base of considerable pirate activity. No, not radio pirates, real life pirates, who don't leave live victims. Noone is their right mind goes anywhere near the Laccadives.
4. Albania ZA. It's the political climate that keeps amateur radio out of Albania. As one of the poorest of the Eastern European countries, and one close to the Soviets, Albania has taken a dim view of ham radio for years. There are signs of a softening of this attitude, however, and rumors continue to fly of a DXpedition to Albania any day now. Don't hold your breath, but don't hesitate to work any ZA you might hear.
5. Cambodia XU. Political turmoil and civil war preclude ham radio from Cambodia. Official permission is unlikely in the near future; we'll just have to wait until things calm down.
6. South Yemen 70. A similar case to Albania. South Yemen is in the Soviet camp, and they don't endorse amateur radio.
7. Bouvet 3Y. Another tiny island near Antarctica, Bouvet sees occasional tourist and scientific traffic. Permission from Norway can be obtained, and Bouvet might well be a target of a DXpedition soon, but probably not this winter.

CLUB OFFICERS 1982

President	Len Gerald	K6ANP
	795-4335	
V. Pres.	Spencer Barnes	WA6IXC
	526-1514	
Sect.	Bart Holmes	KA6HGW
	528-3955	
Tres.	Frank Gleason	KB6OK
	584-6907	
Rpt. Chair	Al Bloom	NIAL
	838-4524	
Activities	Chuck Sabin	N6DDK
	795-2371	
Board Mem.	Steve Schaffer	KD6GC
At Large	546-8860	
Scra Inc.	W6LJF	
Rptr.	WB6PVS	
Shart Skip	Hank Davis	W6DTV
	823-7885	
	Sarah Davis	N6FAX
DX Watch	Chod Harris	VP2ML
Educ. Train	Al Bloom	NIAL
Explorer Post	Mike Ter Sarkisoff	
599		N6DBZ
Raffle Chair.	Lyman Wiltshire	WB6SMY
	833-2000	
Club Badges	Jim Tomer	W6CYM
Club Mgr.	Jim Tomer	W6CYM
Public Service	Hank Savis	W6DTV
Coord.		
Repr. Tech.	Al Bloom	NIAL
Field Day	Don Osborn	WA6ACX
	829-0565	
	Gary Davis	WB6PMN
Public Rel.	Van Gross	W6GFY
	544-3485	
Club Trailer	Al Schmidt	KD6NT
	542-4793	

Your Trailer needs help, Please call Al if you can help in any way.

Club Meetings--1st. Wed. each month EOC.
 County Operations Room--
 Board Meetings--Week following Club Meeting.
 Location announced at Club Meeting.
 Pacific Dir. Bill Stevens-2074 Foxworthy Ave.
 San Jose, CA. 95124 W6ZM
 Vice. Director, Jettie B. Hill, W6RFF
 22410 Janice Ave. Cupertino, CA. 95014
 RACES, Officers
 Radio Officer Herb Sullivan K6QXB
 526-3307

Assn. Radio Officer Lyle Meek N6BLN
 526-3233

Comm. Dir. Press Thomson WB6PUE
 527-2677

CURRENTS AROUND THE CIRCUIT

Lots of items are floating around the circuit during late summer--A new wierd split remote base or repeater is located on Yerba Buena so I hear. 147.42 T and 146.42 R- Oh Well---

Our Good Friend from Paradise Isle. Geo Wallace, N6DSW, will be at the Vets Hosp. at Fort Miley, SF, (49th and Clement). Starting Aug. 16 and lasting for several weeks. We all wish Geo a fast recovery.

Al NIAL plans a CW Contest at the next meeting in September. A Club Certificate will be issued for the various speed levels.

Don't forget Van Groos is into Novice Classes at the ECO operations room, call him if you have an interested party.

Again I am sorry to let Dan Gerald know that his name was the one that was called at the August meeting. He lost \$6.00.

Amy Pardini of March of Dimes sent a Battered Boot Award to the Club for our effort in the 82 Walk-a-Thron.

A Trip To The Coast-- Some where over thirty amateurs and their families motored over to Wright's Beach on the Sonoma Coast. This was the weekend of Aug. 15--and the the trail boss was Don WA6ACX. For some it ended as a 2 or 3 pound weekend. (heaver that is) Another trip is now in the planning for the month of September, see Don if you are interested. It will be at Fort Bragg. It was a beautiful weekend, all the fog moved to Santa Rosa and Sebastopol, a fine for a camp fire. The Sunday breakfast was a go getter.

A Rumor--This is a rumor that may be here soon as the real thing--Uncle Sam plans to have his own WoodPecker. which will be located east of us. Here is the clinker--It will have such power that 220 to the lower 432 area may be out in this area as a mode for use. After reading this go back to the W5YI report and read what they are doing in the Portland area and their radiation there will be chicken feed compared to the WoodPecker.

Radio Shack

STORE NO. 3855

ZANE BATES
 MANAGER

510 FARMERS LANE
 SANTA ROSA, CA. 95405

TELEPHONE
 548-8423

ACTIVITIES - OF INTEREST

SANTA CRUZ CO. AMATEUR RADIO CLUB

INVITES YOU TO THE

1982

ARRL PACIFIC DIV.

CONVENTION

October 8, 9 & 10

Holiday Inn 611 Ocean St. Santa Cruz

Technical Forums

Ladies Program

Swap Meet

Banquet

Prizes

PREREGISTER NOW!

FOR HOTEL RESERVATIONS CALL HOLIDAY INN 408-426-7100

Convention Chairman-Susan Tracy WA6OCV 408-426-6691

September 11/12--Possible over nite campout to Fort Bragg Area see Don WA6ACX 829-0565

September 18-----Club picnic-Doyle Park Santa Rosa, CA--Doyle Dr. off Sonoma Ave.

Chuck N6DDK and Len K6ANP, will be there early to hold down space.

Club furnishes 807's, Pop, Charcoal, Fluid, A to N bring Salads and M to Z bring Dessert--Main dish could be the Chilli Cookout Contest.

If you would like some other main dish bring same. Steve Schaeffer is games director--See him if you have some special game--Prizes

Cooking Judges are Chuck, Hank, and Don O--each could be bribed----

October 6 82----Marquee Theatre--Support your Club and have fun at the same time.

October 8-9-10---ARRL Pacific Div. Convention. A vacation week end on the coast.

MARQUEE



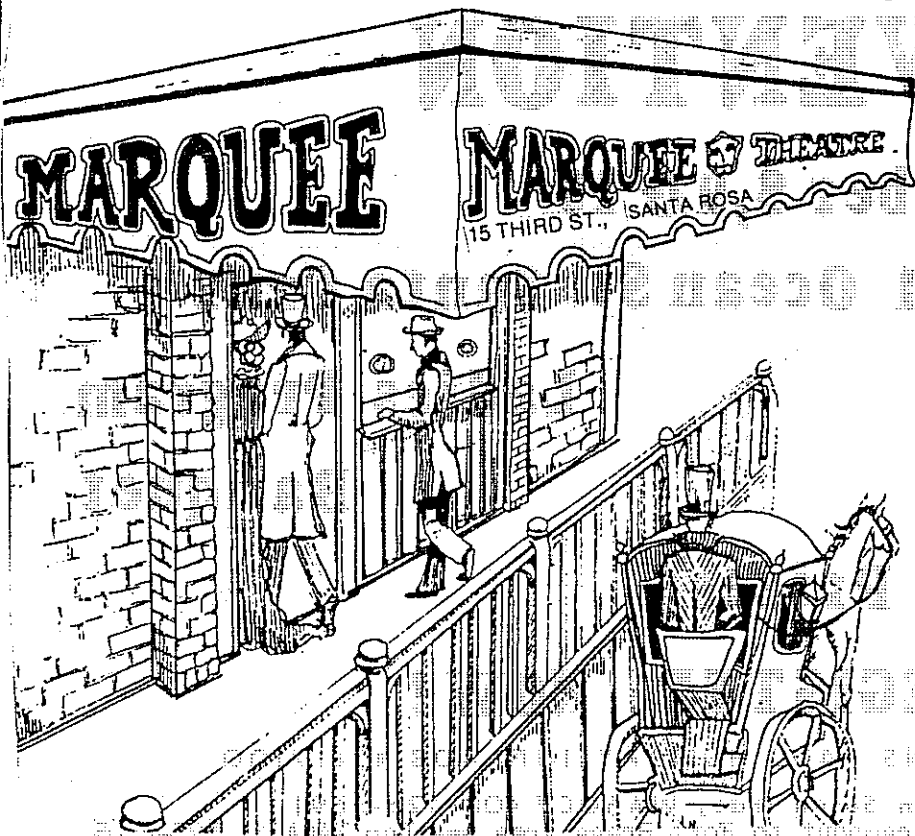
THEATRE

OCTOBER 6 TH 7:30 PM

Let us introduce you to the MARQUEE--a very special theatre, in a unique setting, that guarantees to provide you, your family, or your group with an unforgettable entertainment experience.

What we do at the MARQUEE is live melodrama and vaudeville--and both critics and the public agree that we do it very well! Located in Santa Rosa's colorful Old Railroad Square (a National Historic Site), the MARQUEE is Sonoma County's only year-round professional theatre company.

Since opening in October of 1979 the MARQUEE has staged 18 successful productions enjoyed by over 65,000 people. Many of those 65,000 are now confirmed MARQUEE patrons, returning for each new production and encouraging their friends and associates to attend also. Here's why:



*The MARQUEE is an intimate theatre, with cabaret seating and a total capacity of 180.

*The MARQUEE offers authentically staged melodrama and vaudeville in a congenial setting--sawdust on the floor, pictures of past theatrical stars on the walls, and interior decor with a turn-of-the-century flavor.

*The MARQUEE serves up a varied menu including hot dogs, popcorn, soft drinks, beer and sweets.

*The MARQUEE is the best place around to celebrate a birthday, anniversary, or any special event--for a couple or a crowd! We'll sing you a song to fit the occasion, and get the whole audience to join in.

The MARQUEE is also the ideal spot for your business get-togethers or your group's fundraising activities. The theatre can be rented for meetings and other functions on most days and non-performance nights. **SUPPORT YOUR CLUB ON THIS 1982 FUND RAISER. IF YOU HAVE NOT BEEN CONTACTED ABOUT TICKETS IT IS BECAUSE THEY HAVE BEEN HANDED OUT AT THE CLUB MEETINGS. PLEASE SEE OR CALL ONE OF THE PERSONS BELOW. THEY HAVE TICKETS AVAILABLE.**

HANK DAVIS 823-7885

CHUCK SABIN 795-2371

LET'S MAKE IT 100 %

W5YI REPORT

WHAT WILL THE LEAGUE DO ON THE NO CODE LICENSE ISSUE????

Actually the ARRL doesn't have much choice. The League is a member organization and what might be in the best long term interest of amateur radio or even the ARRL itself is secondary to the feelings of the membership. And they have spoken.

Back on April 7, 1980, the ARRL contracted a survey by N4WA, PhD, FUIinst.. Question #22 of the survey dealt with the code prerequisite question... (#22) In your opinion, how essential to the future of amateur radio is continuation of the Morse Code requirement for:

	Absolutely Essential	Important Not Essent.	No Strong Opin.
a. HF Operating Privileges	61%	22%	9%
b. VHF/UHF Opr. Priv.	33%	32%	19%
a. Should be dropped	8%		
b.	16%		

Cross tabulations of the survey, however, yielded some interesting results. The higher the class of license held by the amateur, the more he felt the code was necessary. (72% of the Extra Class Amateurs felt the code was "absolutely essential". While only 44% of the Novices and Techs did for HF Operation.) 73% of the ARRL members felt the code "absolutely essential", verses only 47% of the "Never a Member" of the League Group.

On the basis of this survey you can expect the ARRL to firmly oppose any attempt at eliminating the Morse Code requirement for any amateur operation.

ARRL TO SUPPORT BURBANK, ILLINOIS AMATEURS.....

On the afternoon of July 9th. the Executive Committee of the ARRL met by telephone conference call. It was unanimously voted that the league wholeheartedly support the radio amateurs of Burbank, Ill., in their fight to overturn an anti-amateur ordinance adopted by that city.

Radio amateurs of the United States and Australia may now exchange messages on behalf of the public (third-parties). An informal agreement exists between tiny Pitcairn Island and the U.S.

ARRL COMMENTS ON SUBARU AUTOMOBILE ELECTRONIC SYSTEMS----

Sabaru of America recommends that electrical transmission devices (CB AMATEUR) not be installed in 1982 Subaru vehicles, since such installation may interfere with the electronically controlled carburetor and possibly result in erratic driveability. So check before you buy a Sabaru.

BROADCASTERS FACE RADIATION ORDINANCE --HAMS VERY CONCERNED ABOUT FUTURE.?????????

Several years ago, a group of local residents living in Portland, Oregon's West Side began blaming high levels of RF radiation for a statistical increase in miscarriages, birth defects and other medical problems. The first bill never made it. This group which has grown in size and includes a few lawyers, have been successful in putting pressure on the county planning department "to do something". The tightest standard in the nation to protect citizens from radio and tv radiation was approved July 20. The maximum allowable power level at private property lines was set at 200 microwatts per square centimeter. Existing broadcast transmitter antenna sites are not affected by the ordinance-only new construction. The final ordinance exempts amateur radio until further study. Amateurs are concerned. Keep an eye on this. Ed.

GOVERNMENT ESTABLISHES 420-450 MHZ MILITARY RADIO PROTECTION AREAS-----

For Beale AFB a 150 mile radius exists. This is within our area. 50 watt limit.

JAPAN

We received a note from Joe Speroni, AH0A, president of the Tokyo International Amateur Radio Association (TIARA)- a group of alien resident amateur operators. He reports that negotiations for full reciprocal licensing with 12 countries are underway #so we are hopeful that alien operation privileges will be expanded".

YL NEWS BY N6FYV

It has been a fairly quiet month for the YL.

Never the less there have been several great accomplishments.

Pat N6FYV upgraded to Advanced and her new call is KF6AG. Terri has not received her new call. She is still N6CYV. Congratulations Pat and Terri on a Job well done.

New technician calls are Georgia N6GZU and May N6GZV or Green Zucchini Vegetable and congrats to both.

Two of the YL's had enteries in the Sonoma County Fair. May N6GZV entered strawberry and raspberry jam. May received a 2nd place on her raspberry jam.

Judy KA6RQK entered 6 pies of different varieties and won 4 firsts, 1 second, and 1 third. Terri had better watch his waist line.

Sarah N6FAX is keeping Hank in line. Since Hanks eye operation his eye sight has greatly improved.

Connie N6FYV and Terri N6CYV attended the Northern California Traffic System picnic on Aug. 1 in Lafayette. Terri and Connie also helped with communications with the Marin Century 82 bike ride.

YLs attending the Wright's Beach Party were, Terri N6FYQ, Judy KA6RQK, Sarah N6FAX, Betty AG6C, Helen N6GTF, Irma N6FFL, Linda KA6UFT, Cathy WB6UAZ, and Pam KA6RLU. From the rumors it was quite a party and everyone had a great time.

Betty AG6C and her OM spent Sunday afternoon aboard the "KASKELOT" a yacht belonging to Anita N6GGU and Eric. They are planning to take a world cruise for a year beginning early this fall.

There are several Nevice Classes beginning so the OM's better be prepared for some more YL's on the air in the future. Have a good month.

73 Connie

LATE NEWS--

As this issue was on the way to the printer it was learned that our friend from Paradise Isle. Geo Wallace N6DSW is now out of the Hospital for a while.. He has to loose 13 more pounds, so folks do not feed Geo so we can help him loose that poundage.

ED.

SWAP---SALE---TRADE---

Sale---Drake TR4, RV4-VFO, AC4 Supply \$195.00---Call Gary WB6PMN at 528-4304 or 539-4071 Bus.

Sale---Swan 750---AC Sup., Spk. Matched Finals---520PP OUT---\$400.00---Call Gil K6GIF, 539-2987 H, 584-9462 Bus.

Sale---Mod. 2 TRS80, Large Printer, Disc Drive, Table---Call Anita N6GGU, 544-8655.

Sale---E-Z Way Crank Up Tilt Over Tower, Mod RBS 50/60, Nested Height 34", Extended 50" \$250.00---Call Jim W6KXG 415-345-6973 or Local 707-823-1375 John W6CCY.

Sale---Heath Kit HW12-Mike-AC %DC Pwr. Sup.---Heath Kit Field Strength or Mobile Tune Meter---Waters Coax Switch---Hallcrafters HT-37---Drake 2A+2AQ Multiplier---Heath Kit Phone Patch Mod 19---VoM RS---Heath Kit 2 Mtr. PA---40/50 Watts---Heath Kit Drectory/Dialer Kit in box never started---Sears 2 Mtr. Mag. Mount---12 Ohm/6 W Horn Spk---Heath Mike Mobile type---BW Trap Antenna New in Box for 80/40---2 Mtr. 11 El Beam---Gonset 2 Mtr.

Transceiver Mark 4---Dow Coax Antenna Switch. For any of this material call Hank Davis at 823-7885 If no answer call again.

Sale---TS 820, MC 50 Mike, 220 Scope Panadapter, \$875.00---Call Van at 544-3485---

NEW OR DIFFERENT REPEATERS

In the near future on Coddie Peak north of us will be 146.79 down 600. Not connected to FWRA system.

147.15 up 600 Gualala on the coast. 147.42 in Simplex and out 146.42 Out located on Yerba Buena in the Bay. 224.78 Out Sacto Area.

REPRINT ON GOOD PHONE OPERATING--WE ALL NEED IT

1. Listen much--with care.
2. Time your calls: with breaks to listen.
3. Use push to talk. Speak near the mike.
4. Make calls short, with breaks to monitor your frequency.
5. Make notes. Avoid missing points for comment. Avoid repeats.
6. Talk in connected thoughts and phrases. Notes help.
7. Speak naturally. QSO's need not be cut and dried. A degree of uniformity in use of phonetics. Use the standard list.

ARRR

THE FORUM

BAND PLANS -- PART I -- Two meters

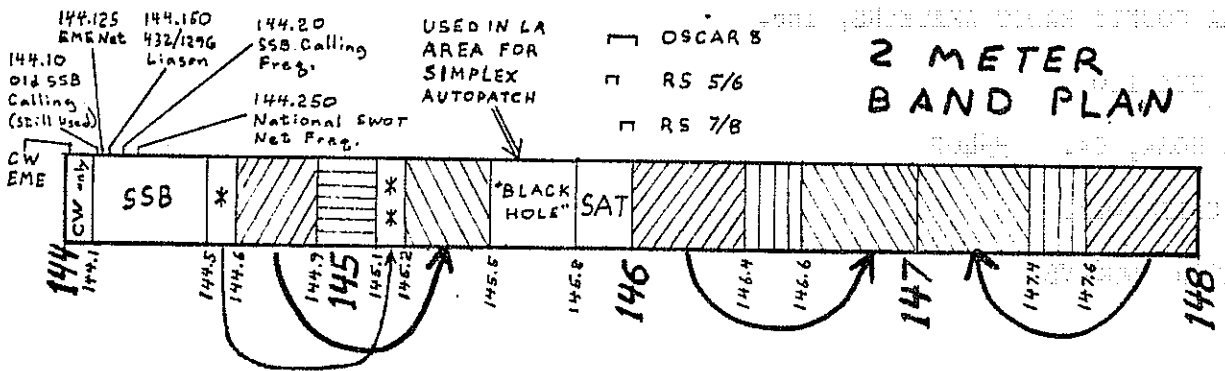
--NIAL

Since the earliest days of Amateur Radio so-called "Gentlemen's Agreements" have existed among hams to enable the most efficient, interference-free use of our frequencies. In the days when the entire Amateur Rules and Regulations could be printed on a single sheet of paper, there were no FCC-mandated phone and cw bands, rather these were set up out of necessity by the Amateurs themselves. For years the only enforcement was the strength of moral suasion.

In recent years the FCC has piled up the regulations, but still most of the order that does exist on the ham bands is due to cooperation between the amateur users themselves. Take two meters for example. As long as you don't try to operate phone in the CW band (144-144.1) or put a repeater on a frequency outside the repeater subbands, you comply perfectly with the letter of the FCC regs. Over the years, however, certain usages and customs have evolved which have been formalized in the ARRL band plan as illustrated in the diagram below.

Let's say you want to talk simplex FM to a friend across town. The obvious place would be one of the frequencies set aside for FM simplex such as 146.52 (the national simplex frequency) or 146.49. If you desire more privacy, one of the less-used channels, perhaps up in the 147 MHz range might be preferable. For even more seclusion, there is a segment (144.9-145.1) set aside for "non-FM" simplex that is rarely used in Northern California, or you might try the "black hole" near the center of the band at 145.5-145.8 that remains unassigned under the ARRL band plan.

By working together, we can ensure the most enjoyable operation for everyone. We'll continue this series next month with 10 meters.



- FM Repeater inputs
- FM Repeater outputs
- FM Simplex
- Non-FM simplex
- SAT = Satellite subband
- * = Linear translator inputs
- ** = " " outputs

FM SIMPLEX FREQUENCIES

146.40	147.42
.43	.45
.46	.48
.49	.51
.52	.54
.55	.57
.58	

National Simplex Freq.

THE FORUM

-191-

PART 1 -- Two weeks

Since the earliest days of amateur radio, the FCC has been the most efficient, most lenient, and most helpful of agencies. In the days when the Radio Amateur Rules and Regulations were not as strict as they are today, there were no FCC-licensed operators and no license fees. The only enforcement was the simple threat of a fine.

In recent years the FCC has been the most helpful, and still is, of any other agency. It has done a great deal to improve the cooperation between the amateur and commercial radio services. It has done a great deal to improve the cooperation between the amateur and commercial radio services. It has done a great deal to improve the cooperation between the amateur and commercial radio services.

If you want to call someone on a radio service, you will find that the FCC has done a great deal to improve the cooperation between the amateur and commercial radio services. It has done a great deal to improve the cooperation between the amateur and commercial radio services. It has done a great deal to improve the cooperation between the amateur and commercial radio services.

We would like to see you in the next issue of THE FORUM. We would like to see you in the next issue of THE FORUM. We would like to see you in the next issue of THE FORUM.

SONOMA COUNTY RADIO AMATEURS, Inc.

P. O. BOX 1116

SANTA ROSA, CA. 95402

CLUB CALL W6LFFJ

REPEATER WB6PVS

FIRST CLASS

EMERGENCY SERVICES

11.5	11.5
12.5	12.5
13.5	13.5
14.5	14.5
15.5	15.5
16.5	16.5
17.5	17.5
18.5	18.5
19.5	19.5
20.5	20.5

FM Repeater Input
FM Repeater Output
FM 2 Input
Non-FM Input
SAC - 2nd Floor Substation
1st Floor Substation Input
Output