

SHORT SKIP

SONOMA COUNTY RADIO AMATEURS, Inc.

OCTOBER, 82 VOL. 7, #10

73 Magazine DX Column November Chod Harris VP2ML p. 2

8. Andamans VU. At least one amateur is listed as having a license for the Andamans, but activity has been non-existent. The Indian rules prevent outside amateurs from getting licenses, and the locals don't seem to show enough interest in activating one of the rarest of all DXCC countries.

9. Burma XZ. The official Burmese government says "No" to any amateur radio, and the ARRL refuses to accept the operations from the "rebel" north half of the country. This political mess shows no signs of being straightened out in the foreseeable future.

10. San Felix CEØX. Getting a license is trivial (I have one) but getting onto the island is impossible. The entire island is a military base (like Aves in the Caribbean) and "gringos" are not welcome. Even the Chileans have been unable to convince the military higher-ups that they mean no harm in their planned DXpedition. A recent "operation" from San Felix turned into a fiasco when the Chileans claimed the operator was nowhere near the island at the time. This could break at any time, but I rate it doubtful.

The main difference in this list from a similar one twenty years ago is in the reasons for lack of activity from a country. 20 years ago the reasons were physical inaccessibility and lack of transportation and accommodations in the country. It's hard to mount a DXpedition when you have to pack your gear, generators and fuel in on camels. The transportation picture has changed for the better, and no spot on this earth is out of reach of a determined amateur.

But the political realities have changed for the worse. Certain cheats and frauds in the last 20 years, and increasing sensitivity to feelings in developing countries have lead to a more formal approach to the documentation needed for a DXpedition to "count" for DXCC. The conservative attitude of the ARRL DXCC staff means an amateur cannot simply operate from a country; he must be welcomed by that country, and operate with their full cooperation. This is simply impossible in many countries. Many emerging countries are reluctant to put anything down in writing, although they are eager to give verbal permission to operate.

Another reason for the reluctance of countries to permit even visiting amateurs to operate is the fear of spying, internal revolt or outside takeover, all of which require radio communications. Unsophisticated customs officials cannot differentiate between spy gear and a TS830. (On second thought, are there any real differences?) So it is simpler always to say "No" than to see if it is possible to say "Yes." We probably won't see this attitude change quickly. Only patient demonstrations and years of support, documentation and assistance will win jittery governments over to the value of amateur radio, as we see happening in China.

What does this mean for the DXer? If you want to get on the Honor Roll, (having worked almost all the DXCC countries) you must

Cont.
on page
8—

CLUB OFFICERS 1982

President	Ian Geraldi	K6ANP
	795-4335	
V. Pres.	Spencer Barnes	WA6IXC
	526-1514	
Sect.	Bart Holmes	KA6HGW
	528-3955	
Tres.	Frank Gleason	KB6OK
	534-6907	
Rpt. Chair	Al Bloom	NIAL
	838-4524	
Activities	Chuck Sabin	N6DDK
	795-2371	
Board Mem.	Steve Schaffer	KD6GC
At Large	546-8860	
Scra Inc.	WOLFJ	
Rptr.	WB6PVS	
Short 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 QSL 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 meeting October- 7:30 Pm Marquee Theatre
15 Thrd. St. Santa Rosa, Ca.
Board Meetings-Week following the CLUB meet-
ing. Location announced at Club Meeting.
Pacific Dir. Bill Stevens 2074 Foxworthy Ave.
San Jose, CA. 95124 W6ZM
Vice. Dir. 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

Well another month has gone, leaves are dropping--So to work we go for another Short Skip. As recorded before I would like any member, So far on, to send me an article for Short Skip that would help the Club. Around 50% of our members are non-active, there must be a reason--Let us know what it is so some-thing can be done about the problem. Just more members is not the answer unless they are of the active variety. A non-active Club is a dull Club--where do we stand? Let us know. I would like to see a membership so active it would work the BEJABERS out of every board member and committee member. What say?

There are many activities in the Area which you can attend and be a part of--Try It--The SANTA CRUZ ARRL PACIFIC CONVENTION on October 8-9-10--You are welcome. The Mt. Diablo Amateur Club presents Wayne (never say die) Green, Editor of 73, He may be for you? Our own fund raiser on October 6th. at the Marquee Theater--Please support your Club and attend--at present ticket sales are low. Come and have a fun evening.

Those of you that like to combine Ham Radio and the Out Doors may want to talk to Wagon Master Don, WA6ACX--Don and Irma are planning a near home trip so non overnitters may attend. See article on The MOBILMERS. Those that wish to combine Ham Radio with Public Service can go two ways--The American Red Cross have their winter classes programmed--call 546-0125 and find out what interests you. Chuck Sabin has the need for help on march of dimes, see or call him.

The main idea is to become active in your Club and affiliated agencies. RACES needs additional active members in Sonoma, Rohnert Park/Cotati, Northers Sonoma, and all other areas. Investigate and find your nitch.....

Sonoma County RACES was on ALERT STAGE 1 from about 1200 hrs. Sept 12 to about 1300 hrs. Sept 13, 82. Only one crew went to St Helena Fire House CDF to help the Napa Crew as relief. N6BLN Lyle, K6QXB Herb, KD6GC Steve, and WB6PMN, formed the Sonoma Crew.

146.715 -600 is a repeater in the Sonora area if you plan to travel that way.

W5YI REPORT

PENDING RULEMAKING IN THE AMATEUR RADIO SERVICE

1. Add F0 to the 51 to 54 MHz band. 2. Change in power measurement techniques in the Amateur Radio Service. The FCC feels that output power levels make more sense from an enforcement standpoint. 3. The last ARS rulemaking was to have been a Report and Order on Digital Code in the ARS above 50 MHz, but this was taken off of the Circulation Agenda since some Commissioner objected or at least felt it better covered at a regular Open Agenda Meeting of the full Commission.

NEW IMPROVED ELECTRONIC TECHNOLOGY DEVELOPED

A new type of police radar has been developed by famed Mass Institute of Tech. which promises to alleviate some of the inaccuracies of present microwave radar technique. The MIT system uses a pulsed infrared source for its LIDAR, Light Detection And Ranging. Light is far less susceptible to RF interference than microwaves.

LITTLE KNOWN FACTS ON THE ORIGIN OF THE WIRELESS SIGNALING

The electric telegraph has a complex and disputed ancestry. America, Russia, Germany, and England have approximately equal claim to its origin. While Samuel Morse is remembered above most of his rivals, he was very far from being the first man to transmit information by electricity. Electric telegraph started about Feb. 13, 1753, 38 yrs. before Morse was born. Eighty years later during the 1830 period Samuel Morse who mistakenly thought his was a new idea, devised his telegraph using the newly discovered electromagnet.

FCC RELEASES PUBLIC NOTICE ON INTERNATIONAL AMATEUR RADIO ARRANGEMENTS

The United States has arrangements for third party communications, messages sent on behalf of others, and for reciprocal operating privileges, operating amateur radio in foreign countries without the necessity of further examination, with the governments listed following: Recent additions to the third party list are Antigua, Australia, and St. Lucia. The country of Belize, formerly British Honduras, has been recently added to the list of reciprocal agreements.

ARRL CANADIAN DIVISION RESPONDS TO HAM TELEPHONY EXPANSION

Docket 82-83, the FCC proceeding that proposes to expand the 20 meter ARS voice subband down into the so-called foreign phone band has been very controversial up in Canada. They don't care for it one bit. For one thing, it would increase the QRM substantially to Canadian ham operation since, at present, U.S. amateurs are prohibited from voice operation below 14.200MHz.

HAM BILL PASSED BY HOUSE OF REPRESENTATIVES, SENATE.....

HR-5008 was passed by the full house on August 19th--It will be known as the Communications Technical Amendments Act of 1982. Also approved by the Senate. Rumor has it that the President has signed same. It will be interesting to see what the final bill really turned out to be. ED.

Educational publishers like Bash are not pleased with this bill.

W5YI SEPT. 15, 82

H.R. 5008 doesn't really exist any more. The bill became H.R. 3239 and is composed of several bills H.R. 6162 & S. 929 & H.R. 5008. Among other things, H.R. 3239 amends the Communications Act of 1934 and gets rid of numerous instances of obsolete language, permits the FCC to have greater flexibility in reorganizing staff and reduces unnecessary paper work. (It will be nice to get a full copy later to see all the changes. Space is short here. Ed.)

FCC CRACKS DOWN ON CALIFORNIA JAMMERS.....

The FCC has taken care of three more jammers in southern California. In time the FCC may get up this way..

30 METER BAND.....

In return of a letter from Goldwater. I appreciate your apprising me of your interest in this matter and I fully support early access by United States amateurs to the 30 meter band. The Commission is anxious to begin the implementation of the Final Acts and I look forward to ratification of the Treaty at the earliest possible date. Sincerely, Mark Fowler/ Chairman (FCC)

COMPUTERS.....

Rumor has it that prices may change on home size computers next month. RS Color may be one. It is predicted that by 1991 ten million personal computers will be sold each year.

THE MOBILEERS

The weekend of Sept. 11/12 was the third in a series of summer programs of the Mobileers, a Club and Non Club activity. The group is under the Staunch leadership of Wagon Master Don WA6ACX and his communications officer Irma N6FFL. Cassini Ranch, Wright's Beach, Mac Kerricher State Park, Ft. Bragg, are the areas visited so far.

Several went up early Friday Nite to sort of arrange spaces--boy did they learn fast--They dont bend too far--Next time the one that goes early should have all tickets in his little hand. Saturday was the day--final count was 32 people--9 to 11 were from the area of Ft. Bragg which was fine as we used their repeater. Lyle N6BLN, chief cook of the RIBS did a fine job. Plenty of other goodies on the table for all. Sunday morning the LaDuke and the Boyett families took their kids to the beach and tired them out so they would sleep all the way home. The following were there--I hope I do not leave anyone out--W6MHZ & wife NA6T and Family, W6SJE and wife, from Ft. Bragg. N6FQZ & Betty, WA6PYW & Helen, Mr. and Mrs. Giles, WA6ACX & N6FFL, W6DTV & N6FAX, WA6RNF & KA6RQK, W6GFY & Vi, WB6UBA & WB6UZA, N6BLN & Pam.

There will be more of these week end outings so leave your name with our Wagon Master Don WA6ACX. The next one will be close to home so those that cannot stay over nite can come out and have fun. Happy Trails-----

SWAP--SALE--WANT.....

KD6JF Gary, Looking for a Heath Kit VFO---542-8116..

N6DSW Geo, looking for a TS 120, 762-8600
WB6TMY Warren, 527-8124---Free Grebe Syncro phase 6, with pwr.7 tubes.--Wants xtals for 160/10/Warf--FT243 Holders.---Sale 129x-HQ \$25.00...

Sale--SB102--\$200.00--2-Swan Mono Pwr.

\$130.00--Call K6LVD 539-3449 nites.....

Club Money Dept.

Income July-Aug. 425.09 \$

Expense " " 355.10 \$

NLAL Al Bloom has agreed to take over the licenseeship of WB6PVS/R as AG6C had to decline.

Next Board meeting will be Oct. 13 at the home of W6DTV and N6FAX.

Club will have new letterheads soon sample was viewed by the board. Club donated \$25.00 to Westlink News.

MARQUEE THEATER

OCT. 6,82- 15 Third St. Santa Rosa, CA. Doors open at 7:30 PM. A fun night and a chance to support your club. Please come and enjoy--and at the same time support your CLUB.

YL NEWS by N6FYV

There are two new calls to remember. Vi received her technician license, and her call is KA6ULA. She is the wife of Jack W6TFO.

Terri received her new advanced call which is KF6CA.

There was a good turn out at the Ft. Bragg outing. Attending were Irma N6FFL, Sarah N6FAX, Helen N6GTF, Kathi WB6UAZ, Judy KA6RQK, Vi the wife of W6GFY and KA6RLU Pam.

Gerri N6FCV and Don KB6LO have taken a cross country vacation and are expected home soon. On Sept. 16th W6DTV talked to them when they were on the top of Pike's Peak in snow.

Jan N6FXY and her family have moved to Lake Port.

Terri KF6CA and Connie N6FYV acted as message liasons for the National Traffic System during the Silverado Fire on St. Helena.

Connie N6FYV and family helped with the Petaluma Air Show.

Have a good month 73. *Connie*

Radio Shack

STORE NO. 3855

ZANE BATES

MANAGER

510 FARMERS LANE
SANTA ROSA, CA. 95405

TELEPHONE
546-8423

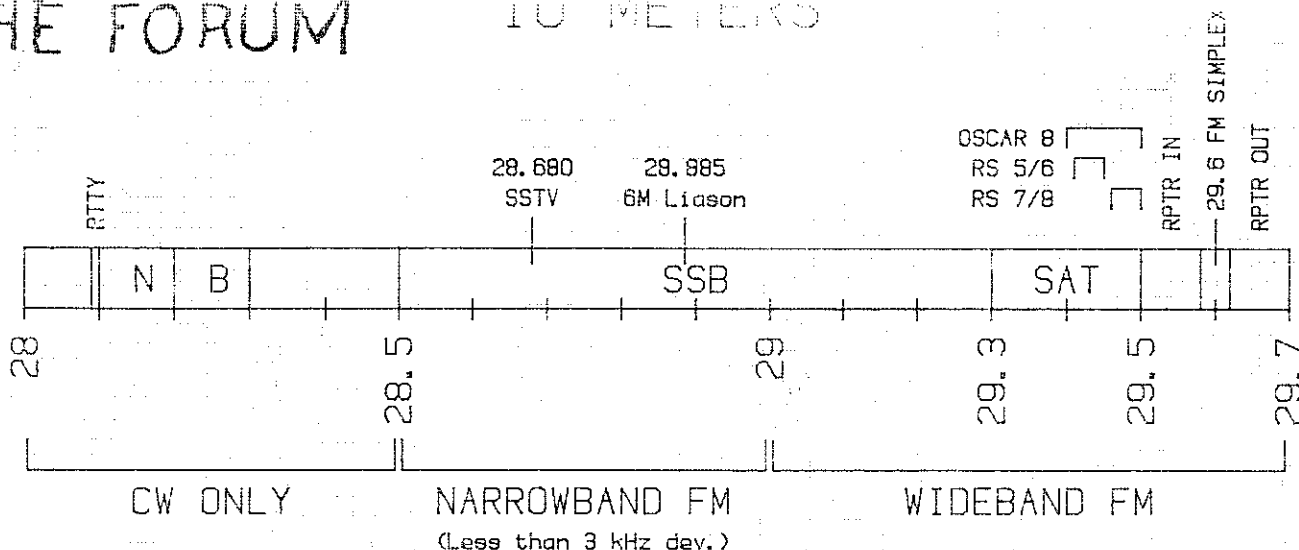
Club members should support Zanes Radio Shack as he provides prizes for the monthly Club Raffle. Thank you Lyman Wiltshire, Raffle Chairman.

HANDY TALKEY'S

HT'S are giving Repeaters a bad time, so some managers say. They recommend a quarter wave whip or one of the new 5/8 wave units on the market.

THE FORUM

10 METERS



N = Novice band
B = CW Beacons
SAT = Satellite band

FM REPEATER FREQUENCIES: (Input/Output)

29.52/29.62	SIMPLEX:
29.54, 29.64	29.60
29.56/29.66	
29.58, 29.68	

TOO MUCH NOISE ON TWO METERS?

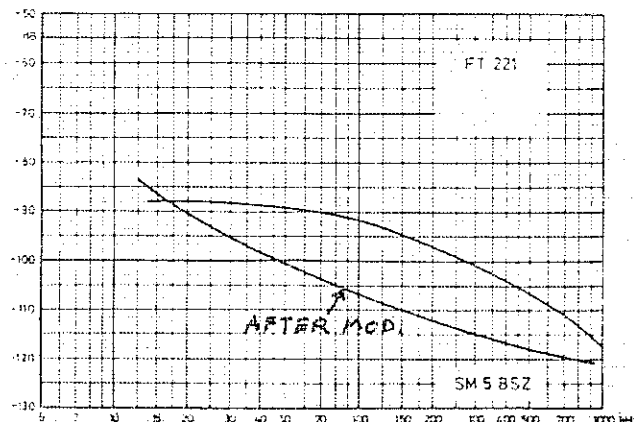
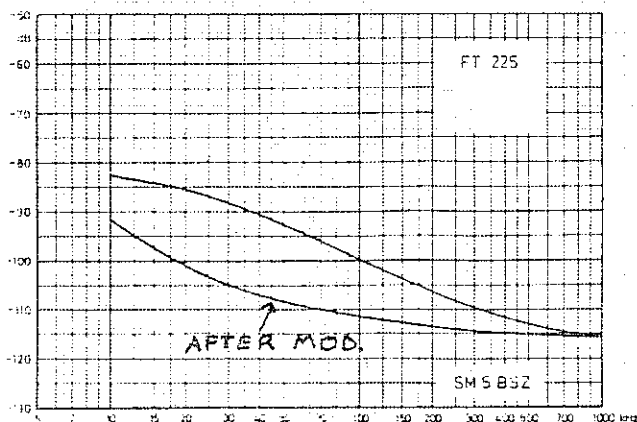
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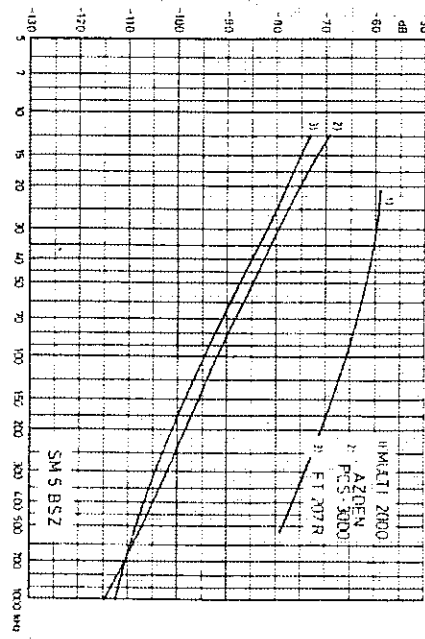
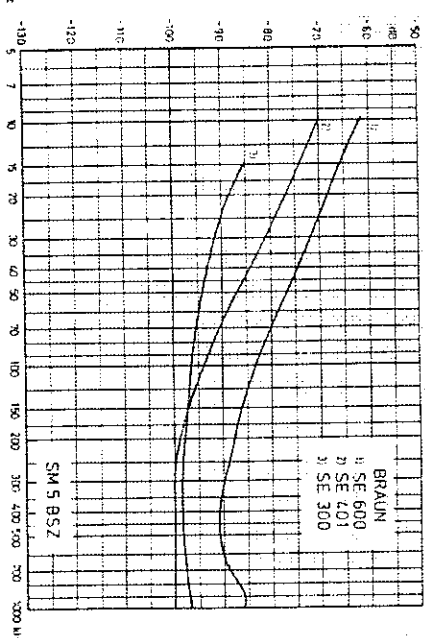
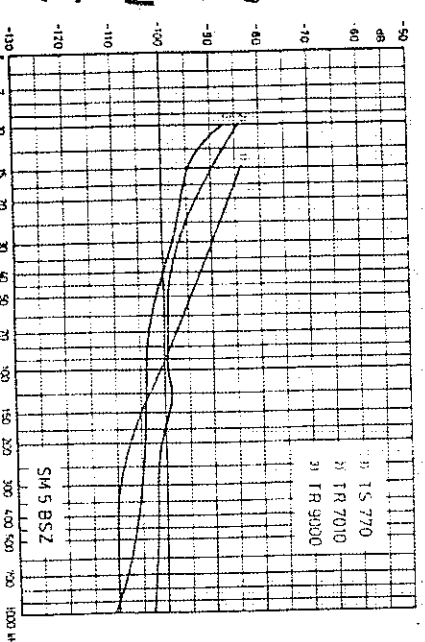
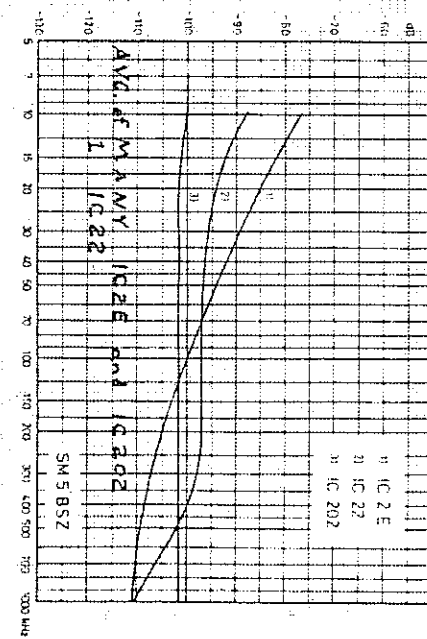
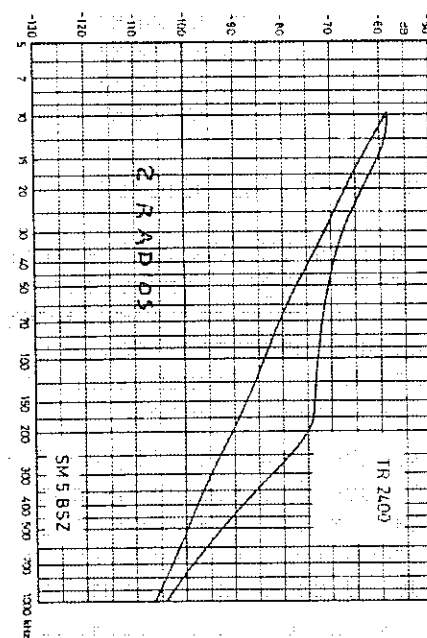
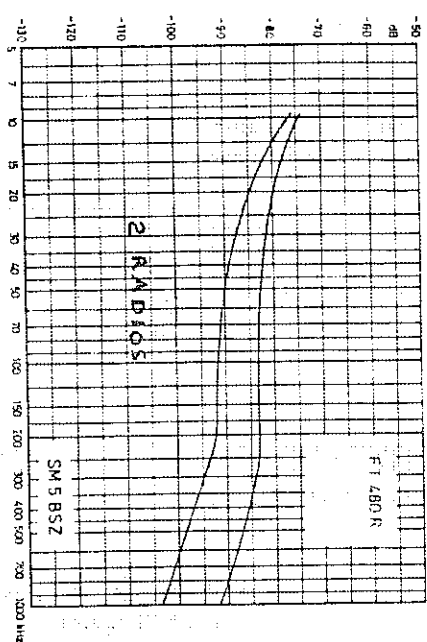
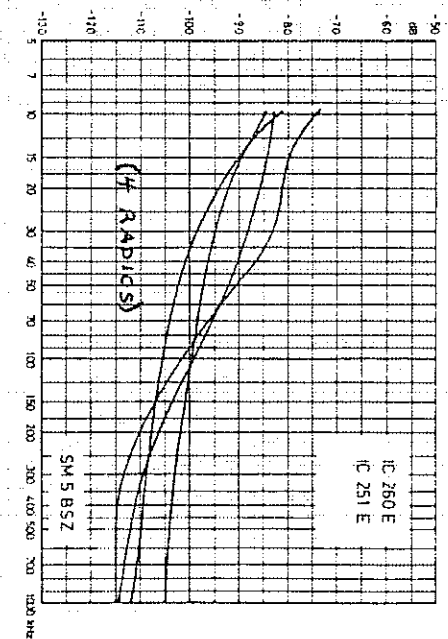
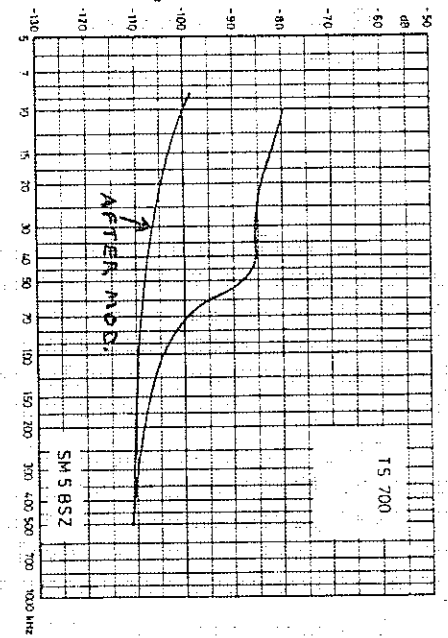
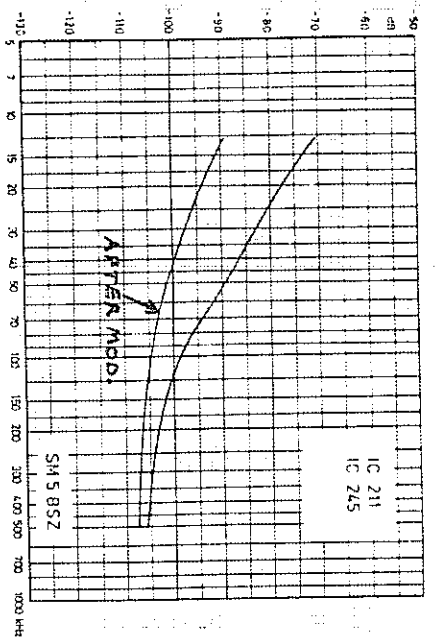
The following graphs, excerpted from VHF Communications Magazine, show the noise sidebands from a number of 2 meter rigs. Broadband noise from a transmitter obviously can cause QRM to other stations within a few miles. However noise on the receiver local oscillator causes a phenomenon known as "reciprocal mixing" which makes strong signals from other nearby transmitters sound as though they were noisy! This limits the receiver dynamic range.

Since most synthesized rigs use the same oscillator for both transmit and receive, these graphs should give a good indication of both transmitter and receiver performance. The horizontal axis is kHz from the carrier, and the vertical axis is noise level in dB down from the carrier in a 1 Hz bandwidth. For a 10 kHz receiver bandwidth, add 40 dB to all readings.

The same issue of VHF Communications Magazine included an article on how to modify the TS-700 to reduce the noise. See N1AL if you want to borrow the issue. Future issues will cover other rigs. U.S. subscriptions to VHF Communications (\$20.00/year)*and back issues are available from O. Diaz WB6ICM, Selecto, Inc., 372 D. Bel Marin Keys Blvd., Novato, Ca. 94947.

* = 4 issues





THE FORUM

1982 ARRL PACIFIC DIV. CONVENTION

K6BJ-146.79-600

October 8, 9 & 10 WR6AOK 147.12+600

TENTATIVE SCHEDULE

Friday, October 8

Registration 5:00-7:30

Exhibits 5:00-9:30

ARRL Film and talk 7:30

Wine tasting?

Saturday, October 9

Registration 8:00

Talks 9:00-5:00

Exhibits 9:00-5:00

Ladies Program 9:00

(includes luncheon)

Evening free to enjoy

many fine Santa Cruz

Restaurants

Sunday, October 10

Breakfast meeting (each club
to arrange its own)

ARRL Forum 10:30

Banquet 1:00

TENTATIVE SPEAKERS

VIC CLARK, W4KFC ARRL President

DAVE SUMNER, K1ZZ ARRL General Manager

CONTEST FORUM, Tom Schiller, N6BT

DX FORUM, Bob Thompson, K6SSJ

NOAA, Norm Hoffman "Skywarn"

UHF FORUM, Paul Schuch, N6TX

AMSAT, Ross Forbes, WB6GFJ

TRAFFIC HANDLING, Doc Gmelin, W6ZRJ

EMERGENCY FORUM

HF ANTENNAS, Al Guatano, W6VZT

MARS INSERVICE, 0900 Saturday

REPEATERS, Wynn Bender, N6AHW

REDUCING RFI, "Bip" Bachman, W6BIP

CABLE TV INTERFERENCE FORUM,

Bob Smith, NA6T, George Sears,

W6DFI of NCTA, Wayne Sheldon of

CATA

ARRL FORUM, ARRL STAFF

LEGAL ASPECTS OF AMATEUR RADIO,

A forum with ARRL Council,

CHRIS IMLAY, N3AKD

MT. DIABLO AMATEUR RADIO CLUB PRESENTS

AN INTER-CLUB MEETING WITH

OCT. 22

NEVER SAY DIE

WAYNE GREEN

W2NSD/1

Tickets
MDARC
P.O. B23222
Pleasant Hill, CA
94523

147.06
223.74

Please keep your Ed. furnished with your changed phone numbers and new addresses.
Last month I had three returns of Short Skip. Please help out. We update the mailing
list each month. Ed.

DX WATCH CONT. FROM PAGE 1
have patience. It may be many years before we see significant radio operations from many
of the top ten.
If you do hear one of these highly desired countries on the air, and are fortunate
enough to work it, the battle is only half over. Now you have to get a QSL card to prove
you worked him. So let's turn to the question of QSL's and QSLing.
Ed. QSL and QSLing will start in next month's Short Skip.

SONOMA COUNTY RADIO AMATEURS, Inc.

P. O. BOX 116

SANTA ROSA, CA. 95402

CLUB CALL W6LFJ

REPEATER WB6PVS



MR. DOUG BENDER
WA0JRB
3638 HEMLOCK COURT
SANTA ROSA CA 95401

FIRST CLASS