

# SQUELCH TALES

SAN DIEGO REPEATER ASSOCIATION

VOLUME VII

MAY, 1979

NUMBER 5

## DECISION ON ANTENNA HEIGHT!

First thing the County Board of Supervisors promised to do today is decide if Amateur Radio Operators must comply with the 50' limitation they imposed on us last January -or raise it some! *Read more page 15--*

9  
AM

WEDNESDAY

May 16

AN IMPORTANT  
DAY FOR HAMS!

PM  
7:30

SANDRA ANNUAL  
AUCTION

SEE PAGE 19

3927 UTAH STREET



## THE FRIENDLIEST HAM STORE IN SOUTHERN CALIFORNIA

Did you ever walk into a ham store and have a stranger walk up, offer his hand, and say "Hi. I'm Tony. Glad you stopped in". It could only happen in friendly Tower Electronics, in friendly Mission Viejo.



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That's the reputation Tower has earned in just two years. Among the locals, the Tower store has become the preferred source for top brands of equipment, for parts and accessories and for really top-notch technical service.

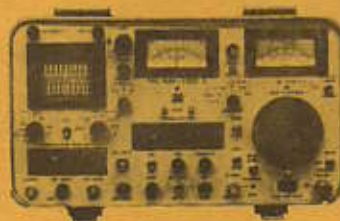
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Take our latest addition, for example. The IFR FM/AM 1000S is modestly called a "service monitor and spectrum analyzer", but it does a lot more... and does it to tight commercial tolerances. It checks frequency error, power output, spurious outputs, FM deviation, tone signalling frequency and level, sweep alignment and it's a full-fledged spectrum analyzer... all the way to 999 9999 MHz.

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## FROM THE EDITOR'S DESK . . .

As I read the published copy of the April Squelch Tales I found myself getting very disgusted with some of my staff - so I have 'fired' the whole bunch in the 'copy' room. This includes the typesetter for so many 'typos', misspelled words, and omitted words and letters; the manager in charge of the 'copy desk' for haphazard and confusing page continuations; the 'copy boy' who lost copy from one of our advertisers; and the entire photography staff that messed up the foto of the County Planning Board and also the speakers, W6OGC & WA6GDC. These members of the Editorial Staff were summarily dismissed and their 'pay' forfeited for 'damages'.\* However, all kidding aside, we hope we can keep down the number of 'goof-ups' as we go along. On the contrary, we cannot say enough good words about the folks who are helping on the job of putting out Squelch Tales - Paul, who is handling all the advertising and the art work as well..... the team of Jim, Dar, Roy, Doris, Jerry, Ilah, Monty, Larry (AIL-type), and others who have been at one or more of our 'Assembly Parties' at Jim and Dar's. And by the way, it is this assembling party that has been saving Sandra at least \$60 each and every month for these past years! For example, to 'assemble' 500 copies of Squelch Tales, consider 2¢ per staple; 50¢ per 100 sheets for folding; and 75¢ per 100 folded sheets for collating. With seven double-sided 8½ x 14 inch sheets including the cover for each copy, the assembly cost is \$63.75. At the present time our circulation is about 650!



In case you are wondering about the principal equipment used by your Editor - it is a IBM Selectric-II (Correcting) with eleven different typing balls, loaned to the Editor by the management of Sigma Research Associates. The equipment is under a \$75 yearly service contract with IBM to keep it running - a very necessary requirement when you have two ribbons (one black and one white) and a crazy bouncing ball to keep track of!

To complete the Squelch Tales publishing report, our printer at the present time is Imp Print on Midway Drive, our 'back-up' print laboratory is Don's Photo Service on Pacific Highway, and our 'back-up' printer is WeCopy on Sixth Avenue. Last, but certainly not in the least, our advertisers. I know most of you are probably tired of reading about this in every ham newsletter you pick up, but consider this - this last issue (April) contained 9 full page and 2 half page ads for a total of \$300 in advertising revenue!

Regarding the center-fold inserts for this month. The first is a reduced copy of Sandra's By-Laws. Yes - it is complete and current as of this date. These By-Laws are the governing instrument for the Corporation until you, the Membership, change it by mailing in (or hand carrying to the membership meeting) the By-Law Change Ballot - the other center-fold insert. If you don't vote - you do not have a good position from which to make complaints against the management!! During this administration, we will have a record of who participates and who are one of the 'great silent majority'!

\*Lest we mislead you, all 'fired' members live at 4535 Niagara in San Diego and have been known to legally use the call N6LY. All have been 'rehired' with admonishment.

## EL CENTRO MEET

A very successful gettogether at the Cameo Restaurant in El Centro was held April 21st. The foto shows Larry Cox, WA6AIL acting as the MC and also speaking for your President who could not attend because of prior commitments. Understand you did a very FB job, Larry - thanks and congrats.

A number of important matters of business were discussed, particularly those pertaining to the valley part of the Sandra membership.

Merle Martin, WA7CPG, suggested in the form of a motion, that an award such as a plaque, be presented to both Cliff, W6MMV, and Ollie Kimball, W6PLN, for their outstanding public service. Both Cliff and his XYL, Ollie, have helped to many people who have been hurt, stranded, or just in minor difficulties, when in the 'back' areas of San Diego County it would be a very hard, if not impossible, to count the number!.

Many nice prizes were given out as door prizes at the meeting. We owe a very big debt of gratitude to Dick of Lion Electronics in Chula Vista for his generous donations. We also want to thank the folks at Western Radio for their donation.





MONTH'S SPECIAL  
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220 MHZ CRYSTALS

 SANDRA'S LAGUNA 220  
REPEATER CRYSTALS IN  
STOCK (222.46/224.06)



Larsen  
**MIDLAND**  
TELEPHONE EQUIPMENT

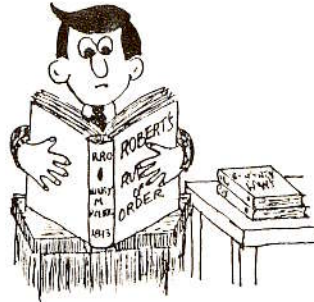
BADGES ENGRAVED TO ORDER - SEE US!

**457 BROADWAY CHULA VISTA**  
BETWEEN G & H



## PRESIDENT'S PAGE

I am very pleased to report that there was a quorum at the General Membership meeting at the North Park Club House on the 18th of April. The primary item on the agenda was the presentation of the Board recommendations for By-Law changes. An additional item on the agenda concerned the memberships' choice of the 'Third Wednesday' or a 'Third Thursday' of the month for General Membership Meetings. The membership action on these items of the meeting is given in the minutes of the meeting on page .



It was very gratifying to see so many of the wives at the meeting. Those XYLS, for the most part, that showed are the XYLS who have served amateur radio and Sandra over the many past years. This is evidenced in both the records of Sandra and of SANDARC, of which I have had the privilege to know. There also were some of the OMs who we have missed at many of our meetings. Now, if the quorum By-Law change is voted in, we hope that henceforth, the business of Sandra can be more the business of the membership! We hate to badger you to come to the meetings (at least once in a while) so we can get the necessary membership participation. We have changed the meeting place to suit more of the membership and we are seeking to arrive at a more realistic percentage of the total full membership for the quorum. Also some one has suggested better programs for attendance, (Note: The Chairmanship of the Program Committee is open - - Come on fellows, if you do have good ideas for a program - let us have them. If you have some time to donate for the good of **your** club - volunteer!!!! Our next idea to get members to come to meetings you won't like!

Now, the following is in answer to a question on origin of the By-Law changes presented to the Board and membership. Owing to the long delay in seeking a solution to the quorum question and to avoid any further problems, I appointed myself as a Committee-of-One to prepare and expedite By-Law changes. Of course, consultations were made with a number of the members before submission to the Board and members. This is where your input via the 'double L' or by pen & paper will count the most. My 'memory banks' for an aural input are not reliable!

Not to argue the question of family membership rights but to set one point straight. It was mentioned that full family membership has been discussed and disposed of at some previous time - I submit that any question of the By-Laws is **always** subject to re-consideration if the membership desires. So, if there is some condition in Sandra that bugs you - send it in - we'll see that it is brought up to both the Board and if appropriate, to the membership - try it and see! Remember also, that the Board meetings are open to the members, and to guests if accompanied by a member.

One more item before closing. An up-dated copy of the By-Laws has been included with this issue as a center-fold insert. This set of By-Laws with the exception of omission of Section 14 of Article IV (Same as Section 6 of Article III) is as complete as possible. It is this current set that the proposed By-Law changes will affect.

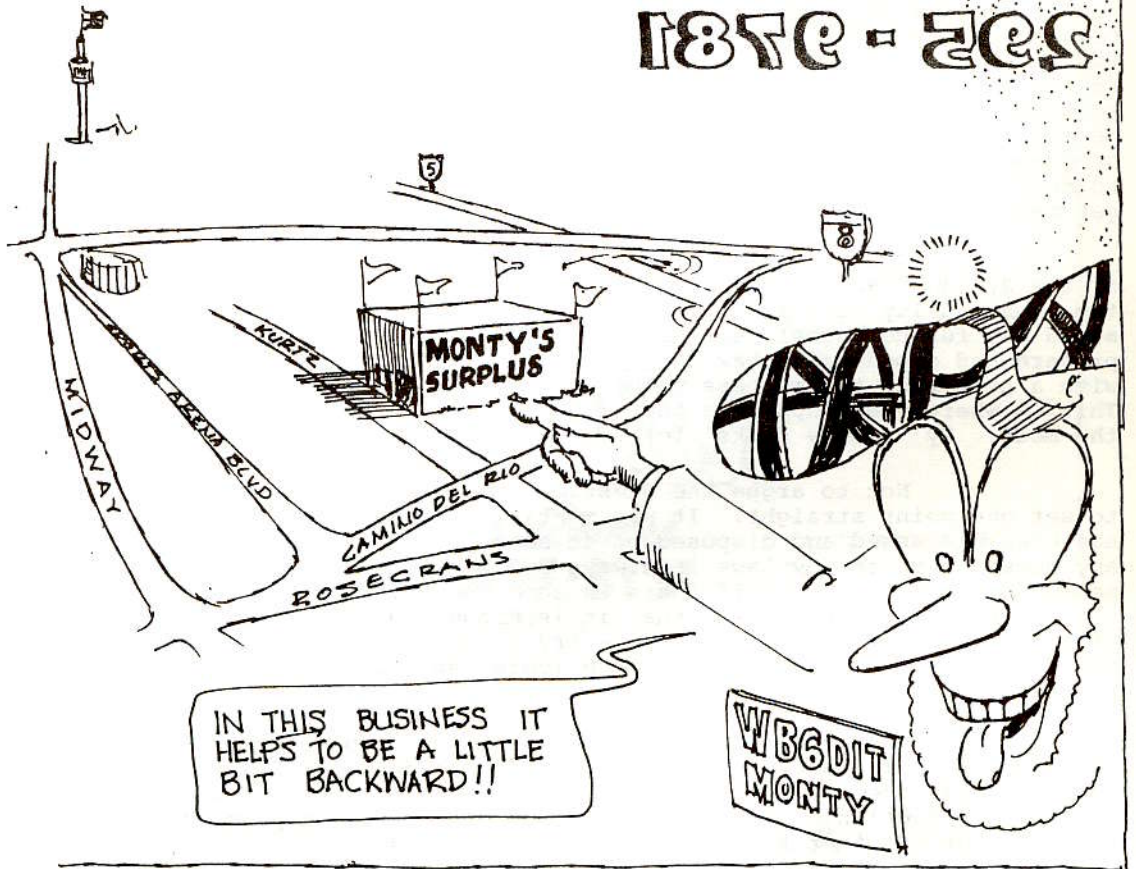
73p  
Ly

# MONTY'S SURPLUS

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SAN DIEGO

352 - 2781





MINUTES OF THE MEETING OF THE BOARD OF  
DIRECTORS OF SANDRA, INC.

The May meeting of the Board of Directors of SANDRA, INC. was held on May 3, 1979 at the Bonanza Restaurant, 2366 El Cajon Blvd. San Diego at 7:35 PM. The meeting was chaired by the President, Larry Harvey, N6LY. Directors present at the start of the meeting were: N6LY, W6QR, WA6AIL, WA6MDD, WB6PMF, WA6KHA, and W6GIC.

Guests were W6INI, WA6YVX, and WA6URS, and W6PDA and Dave Olsen. WB6RHL joined later.

Minutes of the April Board meeting were approved. Minutes of the General Membership meeting of April were read.

Agenda items were accepted.

N6LY read a letter of acceptance with certain conditions from Paul Hower for a Board position. Paul, however, declined the position. W6GIC moved, WA6AIL seconded a motion to approve WB6PMF for Vice President. The motion passed unanimously. Then, WB6CYX, Gale McGuffey was recommended by Larry for Member-at-Large. WB6PMF moved, W6QR seconded a motion to approve the appointment of WB6CYX as new Member-at-Large of SANDRA. The motion was approved unanimously.

The revised By-Laws will be sent out for a vote of the membership.

New access codes for the autopatch will take effect on May 20. Check the inside back page of Squelch Tales for the new access code. K6QL, the trustee of the autopatch repeater stated that the control stations will have the option of asking for the name, call, and the number the station is calling before dialing up the patch for non-members. If non-members obtain the access code, they are not permitted to use it, but should ask a control station to dial up the patch. W6PDA reported that there will be some work done on the autopatch soon.

A letter from Bill Brown, W6ZUM, suggesting an Associate membership at \$5. It was decided after some discussion that any non-member can send a donation of any amount at any time, but that the membership dues pays for the maintainance of the repeaters, and should stay as is.

Dick, WA6MDD was appointed SANDRA's Chairman of Property Committee. The purposes of this committee are to establish a list of property with all pertinent data, including on-site inspections and inventory, a review of the minutes for the cost of past items, maintainance of a card file on all major equipment, coordinate with the Secretary for a file copy, and prepare yearly property report for Squelch Tales. The site inspections will be with the cooperation of the trustees, who are the responsible persons for the repeater. WA6AIL moved, WA6KHA seconded a motion to approve the appointment of WA6MDD as Property Chairman. The motion passed.

Membership cards were discussed. WB6RHL offered to type up the copy for membership cards. New information on the club also needs to be updated. Larry said he has the situation covered. Emergency numbers will also be updated.

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4606 MISSION BAY DR.  
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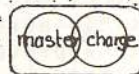
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FOR YOUR CAR

**\$24<sup>99</sup>**





GENERAL MEMBERSHIP MEETING MINUTES  
SANDRA, INC. 4/18/79

The regularly scheduled meeting of the General Membership was held on April 18, 1979 at the North Park Lion's Club at 3927 Utah St., San Diego.

The President, Larry Harvey, N6LY, presided and gave a short report. The minutes of previous meetings were dispensed with. The Treasurer reported as published elsewhere in Squelch Tales. A quorum was present.

Autopatch: Larry Cox, W6GAIL, reported on use of the autopatch and reviewed the rules. January, 1979 issue of Squelch Tales has written rules for the autopatch.

Paul Hower, W6GGDC, spoke of our former "Sheriff", Jack Jackson, W6QKG, and then presented a certificate to the new "Sheriff", Jack Cumbey, WB6LUD. He also received a "star" badge with his honorary commission as Sheriff of SANDRA.

Wade Moore, WD6AOZ, presented a motion on Article 3, Section 3 regarding Regular Meetings:

"Moved that General membership meetings shall be held at least every other month. The date for such meetings shall not be the same day of the week as the Board of Director's meeting and shall be approved by the membership. Members shall be notified in advance."

WB6RIR seconded the motion and it carried.

Sybil, W6GIC, moved that each section of the By-Laws be voted on separately instead of all at once. WD6AOZ seconded the motion and it passed.

ARTICLE II, Section 2. QUALIFICATION OF MEMBERS: passed as presented.

ARTICLE II, Section 3. RIGHTS OF MEMBERS (b) FAMILY MEMBERS: this proposed change was defeated by the membership. Family members will retain the right to vote and hold office. (Motion to strike WB6AMT, sec: W6SLF)

ARTICLE II Section 9 PROXY VOTES: This proposal was defeated. There will be no proxy votes. (Motion to strike by W6GIC, Seconded by Gordon, WB6POW)

ARTICLE III, Section 2, ANNUAL MEETING: this proposed change was approved.

ARTICLE III, Section 5, QUORUM: This proposal was passed. The requirement for a quorum for general membership meetings will now be 5% of the voting members.

ARTICLE IV. Section 2, NUMBER AND TENURE: Passed.

ARTICLE IV, Section 12, QUALIFICATIONS: This proposal was changed to read: (on motion by Sybil, W6GIC, seconded by WB6TIQ)

"A candidate for office of Director shall:

- (1) Have been a regular member in good standing for at least (1) year in the last three years.

Board Minutes (continued)

XE2IO joined the meeting at 8:45 while the auction was being discussed. Dave Olsen will be the auctioneer and he needs tickets . Members are asked to start coming to the meeting early for the auction, about 6:30 PM.

In June we will have a speaker from the Coast Guard in Long Beach. Also something on computers.

A trip to Yuma was set up for the second Saturday in October, so that a suitable place could be obtained early.

Badges and decals were discussed. W6GIC moved to make 1000 decals at a cost of approximately 25¢ each with design approval by the Board. WA6MDD seconded the motion and it passed. W6GIC will contact the person who will be printing them.

W6PDA suggested that we send get well cards to members who are in the hospital. The secretary will obtain some along with stamps.

A reminder that Computer time on Otay is 9:00 PM of the night following the General meeting.

Appreciation to WB6PMF was relayed for driving so far to Board Meetings to serve on the Board.

A Public Service award was discussed. WA6AIL moved, WA6MDD seconded a motion to obtain it. The motion passed.

The duplexer for the Laguna 220 system is here. It will be on the air soon and in 3-4 weeks it will go up on Laguna if all goes well. The Secretary was asked to draft a letter to 220 SMA stating that hardware has arrived and the repeater will be going on the air in a matter of days.

WA6MDD has the "Forestry" repeater. It will go on the air at Borrego as another SANDRA 2 meter repeater.

Wayne talked to Tony, WA6ZMZ regarding a band pass cavity for the autopatch. He will sell it to SANDRA for \$65. W6GIC moved, WA6AIL seconded a motion to purchase it. The motion passed.

SMA-220 sent a letter asking for even more details on our systems. This was referred to committee.

WB6RHL suggested we form a Widow's assistance committee for SANDRA like the one SANDARC has.

Associate membership was discussed. It was agreed that the By-Laws should be changed to allow Associate membership at \$10 per year for those holding a novice license or non-licensed persons who wished to join. They would not vote or hold office, but would get Squelch Tales if one was not already going to someone else at the same address.

The motion was adjourned at 9:45 P, M. Respectfully, Sybil Allbright  
Secretary



TREASURER'S REPORT  
as of 30 April 1979

Balance Forward		\$2,651.28
<u>INCOME</u>		
Initiation	\$ 150.00	
Dues	508.00	
Badges	10.50	
Squelch Tales	202.50	
Other (220 Club)	20.00	
TOTAL INCOME		891.00
<u>DISBURSEMENTS</u>		
Administration and Supplies	\$ 60.08	
Rents	112.39	
Otay     \$100.00		
Pac.Tel.  12.39		
Squelch Tales	326.59	
Badges	5.74	
Maintenance	30.38	
Other	64.96	
Credit/Phelps Dodge 44.96		
220 Club           20.00		
TOTAL DISBURSEMENTS (EXPENSES)		600.14
BALANCE 4/30/79		\$ 2,942.14
Savings Account		
Balance Forward	\$ 2,000.00	(No Change)

ccccccccccccccccccccccccccc  
 c HAPPY MOTHER'S DAY c  
 ccccccccccccccccccccccccccc

Membership Meeting Minutes, Continued

(2) Must indicate his or her willingness to accept the nomination in writing or in person at the meeting.

All other proposed By-Laws changes were passed as proposed.

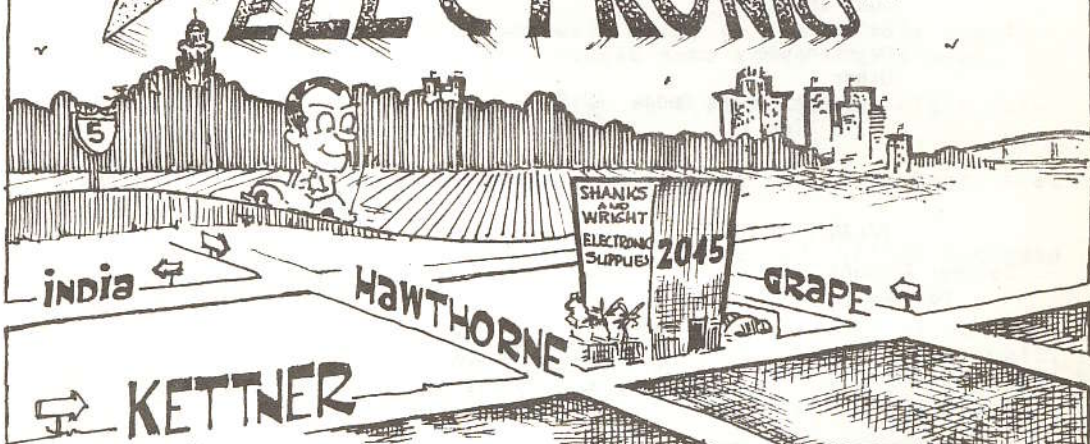
Tony reported briefly on the 450 repeater.

The meeting was adjourned at 9:45 PM.

Respectfully,

Sybil Allbright, W6GIC  
Secretary, SANDRA, INC.

# SW SHANKS & WRIGHT ELECTRONICS



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EXCEPT SAT. & SUN.  
(WHEN WE ARE HAMMING!)

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**W6BZE    W6OSD    W6DWA**

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# THE RADIO AMATEUR CIVIL EMERGENCY SERVICE (RACES) - Part II

by Art Smith, W4INI, SCM

RACES in San Diego County is under the cognizance of the San Diego County Office of Disaster Preparedness (ODP) which is the County's civil defense office. The County's Chief Administrative Officer (CAO) is the civil defense director and is assisted by a Chief Deputy Director of the ODP and several Deputy Directors. One of these is Deputy Director C. A. Mattingly who has staff responsibility for communications and, therefore, supervises the RACES program. This position was formerly held by Jack Duncan.

The present organization of RACES calls for a Radio Officer (RO) and several assistants. Bill Bailey, WB6AOT is presently the RO. Four teams are organized to man the RACES station at the Emergency Operations Center (EOC) each headed by an Assistant Radio Officer (ARO). All are unpaid volunteers.

Since the Amateur Radio Club of El Cajon serves the eastern part of the county, it has, for many years, provided major support for RACES. The club provides a station license for the EOC (K6JCC) and the Cuyamaca Peak repeater (WR6AJN - 147.795/195). In addition, there is an amateur station license issued to the county's civil defense authority (ODP) under the provisions of 97.171. This call sign is WC6AAN.

The 14 incorporated cities have joined with the County in the Unified San Diego County Emergency Services Organization. The policy-making body is the Unified San Diego County Disaster Council and is composed of one representative of each city (mayor or councilman) and the Chairman of the Board of Supervisors. The Office of Disaster Preparedness is the staff for this unified organization. The effectiveness of ODP has been challenged recently by the State Office of Emergency Services due to staff inadequacies and the county's organizational structure which places the office low in the "chain of command." Changes are expected to be made soon, however.

Each city has a RACES station license and a crew of RACES operators. The RACES call signs are:

Carlsbad	WC6AAJ	Escondido	WC6AAP	Oceanside	WC6AAT
Chula Vista	WC6AAK	Imperial Beach	WC6AAQ	San Diego	WC6AAU
Coronado	WC6AAL	La Mesa	WC6AAR	San Marcos	WC6AAV
Del Mar	WC6AAM	Lemon Grove	WC6ABC	Vista	WC6AAW
El Cajon	WC6AAO	National City	WC6AAS		

The command post for coordinating the activities of the CD agency is an underground structure located at the north end of Hacienda Drive in El Cajon. In addition to Amateur Radio equipment for use by RACES, there is equipment to monitor and transmit in the following nets: (a) Fire Mutual Aid (Red), (b) Police Mutual Aid (Blue), (c) Hospital Emergency, (d) Hospital Administrative, (e) Road Department #1 and #2, (f) Local Government #1 and #2, and (g) Special emergency. The EOC is identified on these nets as "Station E".

RACES holds weekly radio drills to ensure that equipment is functioning and to provide training in the handling of written messages. This involves the incorporated cities and uses the Cuyamaca Peak repeater.

The Special Emergency Net, above, uses 37.95 MHz to provide communications from the EOC to the major population centers in the unincorporated areas of the county. They are Alpine, Borrego Springs, Campo, Encinitas, Crest, Fallbrook, Jacumba, Julian, Lakeside, Pine Valley, Poway, Ramona, Rancho Santa Fe, Santee, Spring Valley and Valley Center. With few exceptions, the equipment is located in fire stations. While not an Amateur Radio/RACES net, it is manned by Amateur Radio operators and/or personnel working at the above locations. This net is being phased out, Amateur Radio operators being planned to man the location using two meter equipment. Operators with two-meter capabilities are urgently needed for the above locations. Contact C. A. Mattingly at 448-4611 or visit the EOC on a Monday night.



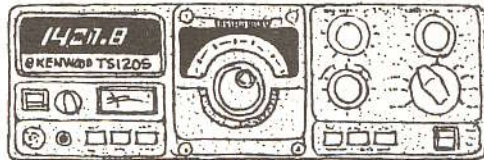
# HAM RADIO OUT!



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TOM



**K6NA**  
GLENN



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MARK YOUR CALENDARS!

9AM!

WEDNESDAY

May 16<sup>th</sup>

Room 310

PARKING



PARKING

1600 PACIFIC HIGHWAY

The amendment to the January 1979 Zoning Ordinance proposing that Amateur Radio antennas be allowed to at least 100 feet instead of the present 50 feet (*to the top of the antenna*) will be heard by the San Diego County Board of Supervisors...

A LARGE NUMBER OF AMATEURS AT THE HEARING IS NEEDED IF WE ARE TO WIN!

# SPEAKING OF USES

## Sorcerer™ Computer is User Programmable Therefore Program Selection is Unlimited

**Flexibility** is the key. The Sorcerer™ computer gives you the flexibility of using ready-to-run, pre-packaged programs or ... Doing your own thing and personalizing the programs for yourself. Whichever you chose, the Sorcerer is the personal computer that speaks your language.

**Cassette Tapes** keep the expense of your program library in line with your budget for personal computing. Many application programs have been written for the *Professional* dealing with scheduling and forecasting, the *Engineer* with calculation and analysis, the *Businessman* with profit and loss, the *Manager* with control and reports, the *Housewife* with budgets and appointments and the *Children* with education and games.

A complete selection of programs for the Sorcerer computer with a very complete set of documentation is now available from GRT Corporation.

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**Management Aids** offer a combination of programs that set up organized approaches to many small business and family situations.

**Advanced Engineering and Statistics** contains utility routines for problem solving in algebra and number theory, statistics, stress analysis, trigonometry, analytical geometry, and electrical engineering.

These GRT programs are ready to use and are loaded into Sorcerer with an ordinary cassette tape recorder. You will also find many other programs published in books and magazines on personal computing.

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**User Programmability** provides a challenge to your creativity. Sure ... you can play pre-packaged (canned) programs on the Sorcerer™ computer which are great for an introduction, but, the real fun comes in personalizing the programs for yourself. Sorcerer allows you the freedom to explore the unexplored, be in control, and discover your capabilities.

**Unique ROM PAC™ Cartridges** look and handle like 8-track stereo cartridges, but inside read-only memory devices, store computer programming languages, operating systems or whatever. Programming languages are like religions and some people prefer a modern new one while others prefer an older established one. The selection of a programming language in a ROM PAC cartridge is the perfect solution. ROM PACs presently

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being developed include ASSEMBLY LANGUAGE, APL., PILOT, DOS (FORTRAN, COBOL) and WORD PROCESSING. The Sorcerer computer can be configured as a dedicated computer simply by loading your proprietary software into a blank ROM PAC cartridge (example: Text Editor PAC). All Sorcerers are shipped with Standard Basic (Altair Basic, Commodore Pet Basic, Radio Shack Level II Basic, etc.). Basic is a conversational interactive language that can be used for an infinite number of applications.

**Standard Basic** is interpretive which means you get immediate response from the computer as you input your program. This is very helpful to the first time programmer in finding mistakes and debugging the program as you load it in. This also allows your Sorcerer to be a super programmable calculator as well. Standard Basic was written to be as efficient as possible with a maximum number of features in the minimum amount of memory. Multiple statements per line, complete string manipulation and multiple dimension arrays are included with calculating speed approximating 700 floating point additions per second with seven decimal digits of precision. Standard Basic resides in 8K of read-only memory physically located inside the ROM PAC cartridge. Table 1 is a list of Standard Basic instructions and is representative of its capability.

**A Power-on Monitor Program** provides keyboard control of the Sorcerer at turn-on. This means you can immediately start program execution, cassette tape read and record, examine or modify registers and memory, move blocks of memory, set program break points, and do a self

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# GRAPHICALLY SPEAKING

test for operational condition. Or, if you choose, the power-on monitor will default to a ROM PAC cartridge for program execution. The power-on monitor program resides in 4K of read-only memory and is always present in the computer.

**Table 1 — Standard Basic Commands and Statements**

Statements			
Let	Rem	Fn	Wait
Then	Stop	Data	On..GoTo
GoTo	Def	Dim	If..GoTo
Restore	Print	GoSub	On..GoSub
Return	Next	Input	If...gosub
Read	Get	Out	
For	Step	End	

Commands	
Run	Null
List	CSave
New	CLoad
Clear	Peek
Cont	Poke

Mathematical Functions			
Abs	Int	Sgn	Tan
Atn	Inp	Sin	Usr
Cos	Log	Sqr	And
Exp	Pos	Spc	Or
Fre	Rnd	Tab	Not

String Functions	
Asc	Str\$
Len	Mid\$
Val	Left\$
Chr\$	Right\$

Operators					
=	-	/	<	=	>
+	*	↑	<>	>	=

Editing		
@	Control C	?
←	Control 0	: Return

Copyright © By Microsoft 1978. All rights reserved.

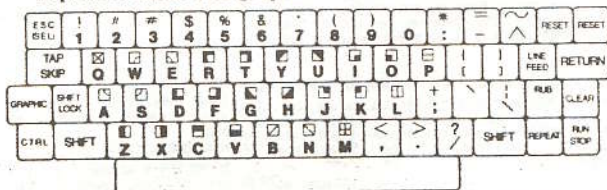
## Sorcerer's 512 x 240 Graphics Offer High Resolution Pictures, and a Picture is Worth a Thousand Words.

**Animated Graphics** add a new dimension to your programming. Sorcerer's character graphics make programming pictures as easy as putting messages on the screen. A beginner using the print statement in BASIC can build pictures of his wildest imagination. The typewriter style keyboard has a graphic key and unique graphic symbols engraved on the keytops for use in the same manner as shifting for uppercase on a typewriter. By depressing the graphic and shift lock keys you may use the graphic symbols as though they were text and create any image you wish to display. Character graphics are an easy introduction to the concepts and uses of graphics in computer systems.

**User Defined Graphic Symbols** allow you to be creative in symbols or geometric forms, including foreign language of even new computer language symbols. Sorcerer has a selection of 256 characters of expression. 128 are fixed and predefined, while the other 128 are programmable as to their symbol representation. The graphic

character is created within an 8 x 8 dot matrix and any combination of the 64 dots per character space may be displayed on the screen as opposed to a bit per element graphic system. 64 graphic symbols have been pre-programmed and represented on the keyboard for simplicity. The other 64 programmable characters have been reserved for your selection and creativity. Alternatively the entire 128 characters associated with the graphic key may be user defined. Graphics bring out the artistic qualities in everyone and user-defined graphics allow for true freedom of expression.

**Upper and Lower Case Alphanumerics** are included in the 128 pre-defined and fixed character set. Your keyboard is truly a typewriter with this feature and letter writing or text editing becomes practical. With thirty lines of text the Sorcerer puts more information on the screen than any other personal computer. To be exact, 1,920 characters are visible at any one time before automatically scrolling to the next page. The keyboard and numeric pad provide the interaction and communication with Sorcerer. Since the keyboard style is familiar to most typists, information entry or retrieval is as easy as typing a letter.



The Sorcerer has a professional data processing, typewriter style keyboard with 16 key numeric pad for rapid information entry or inquiry. The keyboard consists of 79 keys of upper/lower case alphanumeric and

graphic characters. Actual life tests have exceeded 300,000,000 cycles without failure. There are special editing and control keys in addition to the ability to assign any special symbols or characters to any key position.

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1251 BROADWAY

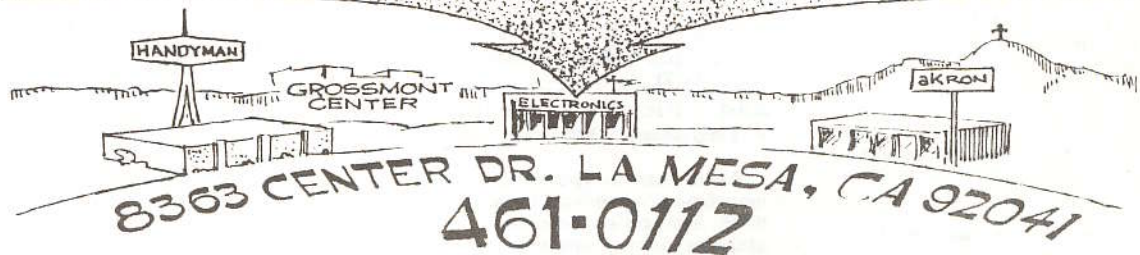
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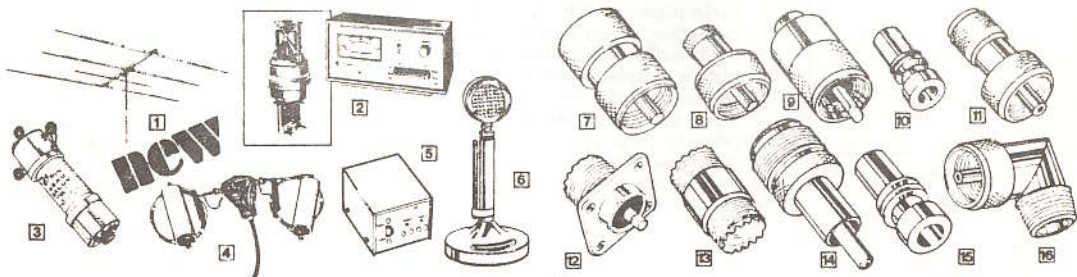
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Model HDP-1295 ..... 119.95

**3** "W2AU" Balun. This world-famous balun helps you reduce TVI and improve F:B ratio. 2 kW PEP tested. Fully enclosed body with silver-plated SO-239 connector and hang-up hook, built-in lightning arrester. 600= pull — no insulator needed. Weather-proof. With complete instructions including an antenna length table.  
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**4** 5-Band Trap Dipole Antenna. Pre-assembled antenna cover 80 thru 10 meters. Only 2 trap adjustments and terminations. Ready to use. Includes antenna wire, traps, 50-ft. RG-8/U coaxial cable and PL-259 connector, two end insulators, and dipole center connector. Traps weigh approx. 9 oz. each. Approx. length 110 ft. 52 ohms impedance.  
Model 370-11 ..... 59.95

**5** Model 370-12, same as above, except assembly of wire terminations required 49.95

**5** 2-Meter Antenna Matcher. This mobile antenna matcher lets you use your auto's AM FM Antenna for your mobile 2-meter rig. Eliminates theft due to "give-away" second antennas. Tunes 144 to 148 MHz, has front panel tuning and loading adjustments and LED output indicator. Input impedance 50 ohms. 50 watt power capacity. Has universal mounting bracket.  
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**6** Base Station Microphone. This chrome-plated beauty features both grip-to-talk and push-to-talk operation and a side lock clamp for "no-hands" transmission for the ultimate in easy operation. Has built-in two stage transistor amplifier, excellent response and high gain for clear modulation. Universal hookup capability.  
Model GD-104 ..... 39.95

**7** PL-259 Double Male Adaptor. Two PL-259 type plugs "back-to-back" for easy connection of SWR meters, antenna tuners, switches, many other applications.  
Model S-622 ..... 3.38

**8** PL-259 Male Connector. The standard antenna connector for RG-8/U (and RG-58/U using UG-175/U adaptor) coax cable.  
Model S-602 ..... 2.20

**9** RG-58/U Male Connector. New low-loss solderless connector for RG-58/U coax cable. Possesses better RF characteristics than the standard PL-259. Easy to assemble.  
Model S-630 ..... 2.28

**10** UG-175/U Adaptor. For use with PL-259 Male Connectors when using RG-58/U coax cable.  
Model S-603 ..... 0.70

**11** RG-8/U Male Connector. New low-loss one piece connector for RG-8/U coax cable. Possesses better RF characteristics than the standard PL-259. Easy to assemble.  
Model S-629 ..... 2.28

**12** SO-239 Type Receptacle. Standard antenna connector replacement on transceivers. Also useful for project building.  
Model S-605 ..... 1.14

**13** PL-259 Double Female Adaptor. For coupling coax cable. Both ends accept standard PL-259 type antenna plug.  
Model S-604 ..... 1.30

**14** PL-259/Motorola Plug Adaptor. Use your standard antenna system with most walkie-talkies. One end accepts PL-259 connector — the other is a standard Motorola plug.  
Model S-606 ..... 2.12

**15** UG-176/U Adaptor. For use with PL-259 male connectors when using RG-59/U coax for co-phase harnesses, Ham Rigs and other applications. Commonly used for "Scanner" cables when RG-59/U is used.  
Model S-609 ..... 0.70

**16** R.F. "L" Adaptor. Type M-359. SO-239 connector one end, PL-259 plug on the other. Ideal for use in tight places or where space is at a minimum; such as behind mobile units or with awkwardly located connectors on SWR meters.

## Outstanding Amateur Radio Accessories



# AUCTION 'ACTION' . . .

As noted on the cover, Sandra's Annual Action will be held at the May 16th general membership meeting at the North Park Club House at 3927 Utah Street, (near the intersection of Utah and University Avenue in North Park). There is plenty of parking.

The Auctioneer will be David Olson, who has officiated at such functions before. Those who have gear to be auctioned off should be at the Club House early, (i.e., before meeting time). The doors will be open at 6:30 PM. Tags will be available from the Cashier's desk, (manned by none other than your friendly Treasurer, W6QR). Fill out the tag with your call, name, description of the article to be auctioned, (including a serial number if a major item), and the minimum bid you will accept. The successful bidder will pay the cashier(s), pick up his purchase, and the auction tag will be kept by the cashier until payment is made to each of the sellers at 90 percent of the bid price.

Now is the time, gang, to get rid of the extra gear laying around the shack that you haven't used since before the 'Seventies'. The ten percent commission given the club will help us with our expenses and put off the time when we will be forced to raise membership dues. Besides isn't a wonderful time to get a few bucks from the 'white elephants' and other unused items in the shack? (And you don't have to drive all the way to Oceanside to sell it!).

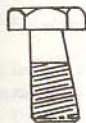
I believe some offered to bring a 5 gallon can of gasoline to be auctioned off - don't remember if it was 'regular' or 'unleaded' -- but at this time of the gas crunch -- who cares? Also, some 'surprise' bags might be fun to bid on - if you have a bunch of resistors, capacitors or whatever, make up one, but be real sure your minimum bid is considerably below the total original price of the collection. We don't want too many complaints, Hi.

Well, that's the scoop as we see it. I, for one, am looking forward to the auction, as it should be a 'barrel of fun'. Maybe now I can get rid of that extra stand-up mike I have had for so long!!

73s  
Ly

\$ & ¢ & \$ & ¢ & \$ & ¢ & \$ & ¢ & \$ & ¢ & ¢ & \$ & ¢ & \$ & ¢ & \$ & ¢ & \$

## AN ASSORTMENT OF SLOBOVIAN SCREWS



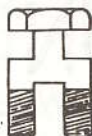
For holes drilled crooked and then straightened (nut is hard starting)



For holes too near the edge



For all tapered holes (special nut required)



For redrilled holes that still don't match



For holes not square



For double-counter sunk holes

NOTE: DUE TO NON-DELIVERY BY THE SUPPLIER THE ABOVE HARDWARE WILL NOT BE AVAILABLE AT THE AUCTION.

CREDITS TO 'SKIP' - FRESNO ARC/COUNTERPOISE NEWSLETTER



Repairs, etc.\*

\*

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## MEET THE SHERIFF !

Jack Cumbey, WB6LUD was given an honorary commission as "Sheriff of Sandra" and presented with a badge of office at the general membership meeting on April 18th. Jack has been long recognized by many as the kind of a gent who can remind us of our slip-ups on repeater etiquette.

Thanks to you, Jack, for accepting this commission. We know from past experience, that you will do a fine job as our 'Sheriff'. Congratulations, and our best wishes for an effective but pleasant tour of duty.

The Board

Appearing on the right is a reproduction of Jack's Commission prepared by none other than Paul Hower, our staff graphic artist. Many thanks to you, Paul, for the very fine art work on the commission certificate for Jack.

The photo appearing on page 23 shows off Jack's badge presented to him at the commissioning. Again a fine job of art work and 'badge making' by Paul.

The gent that did the presentation is your Editor and President, who wants to extend his thanks to both Jack and Paul for a fine arrangement to meet a need of Sandra. It is cooperation like this from many of our dedicated members that will make and keep Sandra on top in the list of well-functioning VHF and UHF repeater systems.



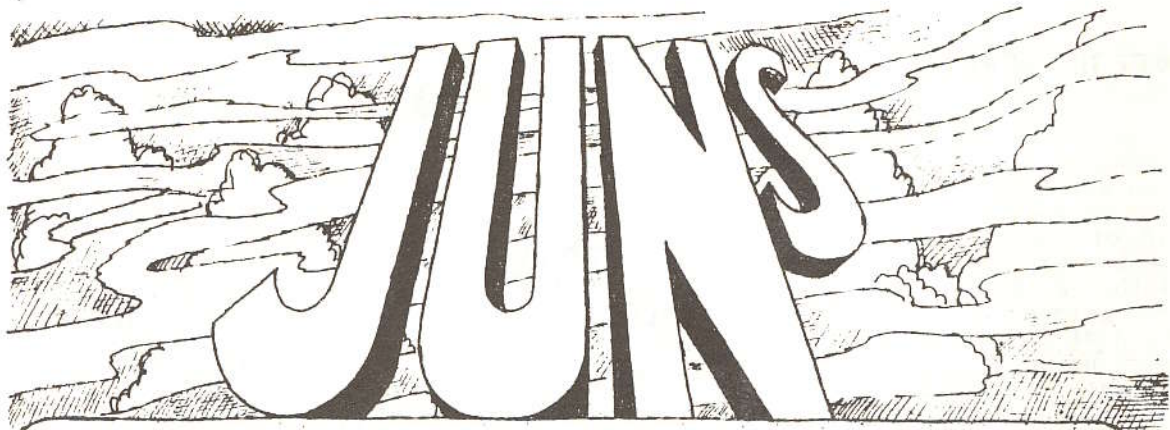
**E**xperienced in many radio services, former law enforcement officer, endowed with a unique wit and wisdom essential to the task.

**T**herefore, recognizing his high ideals and steadfast purpose in keeping AMATEUR RADIO free of adverse influences, and, reposing special trust and confidence in his abilities. . . I do hereby commission him SHERIFF OF SANDRA with authority to keep the peace, apprehend and censure those who violate acceptable operating practices and procedures on any of the Association facilities, and to wear a badge of office.

APRIL 18, 1979

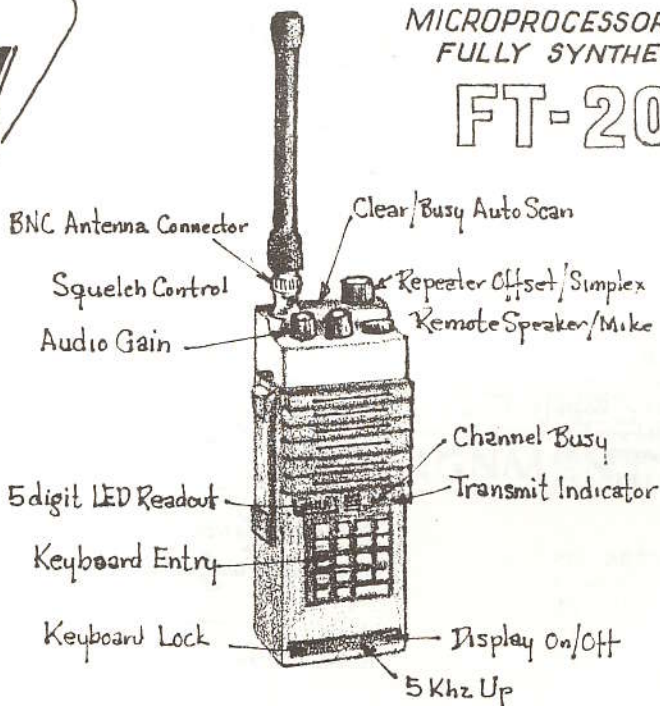
*Larry Harvey*  
PRESIDENT

NOTE: Our little 'tattle tale' Sandra Simbal has gone to visit her aunt in Australia. Taking her place will appear, from time to time on the pages of these Squelch Tales, none other than a characterization of our new Sheriff, who in lieu of a lecture on the frequency of identification, points to FCC Part 97.84. See page 29.



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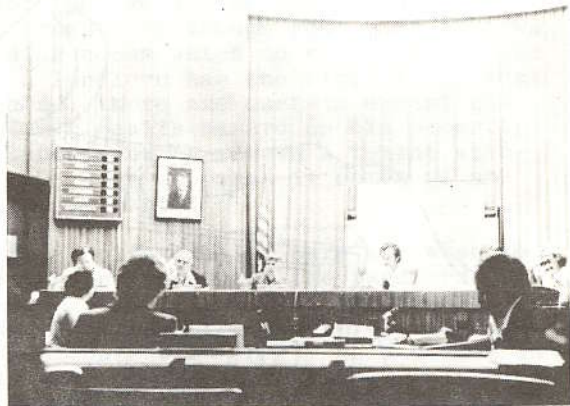


Although your 'O-Fish-ul Foto-Graffer flubbed up at the Planning Commission meeting on the Antenna Ordinance that was held April 18th in the County Administration Building some kind soul (Generating-Direct-Current) type gave your Editor these fotos as well as the one of the El Centro meeting. At your left you see Jim Allen, W6OGC, giving the Commissioners the word about Ham antennas and why they should up high for best operations.

Jim was facing the Planning Commissioners as indicated in the below

foto. The gentleman in the center was the Chairman, (I am sorry, I've forgotten all their names already it seems.

As has been reported before the Planning Commission of the San Diego County Board of Supervisors were quite impressed with both of the presentations, as made by Jim, W6OGC, and Paul, WA6GDC. Credit should also be given to Jim Smith, W6VCE, who I understand did a lot toward getting our appearance considered by the Commissioners. If we get passed the Board of Supervisors Meeting on the 16th with our 100 feet height limitation preserved, we will have these gentlemen as well as many others who worked with the petitions, to thank.



- o -

You are wondering who the gent is in the picture at the immediate left? Take another look at the cartoon on page 29 - you should at least, recognize whose badge that is!

- o -

From time to time we will hope that we can bring you picture of Sandra's interesting activities and get-togethers as we go through the year. Don't give up hope on us, yet.

Ly



FOTO CREDITS TO PAUL HOWER, WA6GDC - LA MESA.



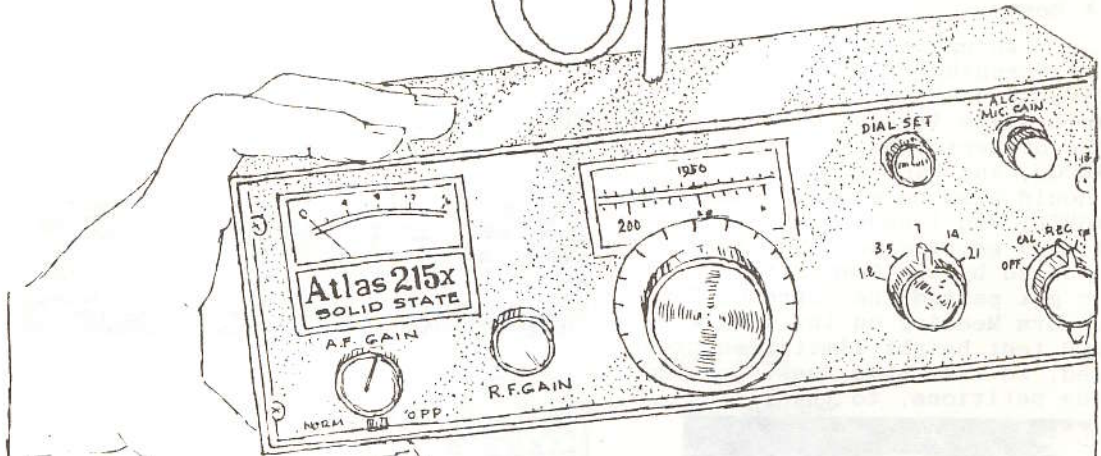
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## AN' WHILE ON ANTENNAS . . .

### ANTENNAS AND THE RENTER: SOME LEGAL CONSIDERATIONS

From the Personal Communications Foundation:

"The Personal Communications Foundation has received telephone calls and letters requesting information relating to the rights of personal communicators who live in apartments or who lease space in mobile home parks. Specifically, the rights in question relate to the ability to erect and maintain an antenna suitable for use with ham or CB Gear. Unfortunately, such rights are very limited if not nonexistent.

"Because the law of relating to landlord and tenant relations varies from state to state, this discussion will be general at least. However, it is safe to say that in no state is a landlord required to allow a tenant to erect and maintain an antenna. This is true even though permission has been given to other tenants in the same building to erect and maintain such antennas. Remember that we are talking about the relationship between a landlord and a tenant. Although your city or town may have zoning ordinances and building codes which do not restrict the erection of antennas, remember that a landlord has the right to do what he wishes with his property. Of course, there are certain exceptions. For instance, a landlord may not allow a health hazard on his property. Also, in virtually every state, a landlord can't remove a tenant without resorting to specified procedures. However, when it comes to antennas he can allow them or not as is his want.

"If you are moving into an apartment or a trailer park and wish to erect an antenna, you should secure the permission of the landlord prior to moving in or to signing a lease. If permission is received it is very important that it be in writing. Furthermore, to protect yourself, you should have a lease and the permission should appear as a clause in that document. That protects you in case the landlord changes his mind or sells the property. During the term of the written lease, the new landlord cannot revoke the permission given by the prior landlord. However, once the term of the lease expires, he may order you to remove the antenna or to move. If you do not have a lease, most states declare that you are a month to month tenant. In such event, even written permission can be revoked at the end of a month. You can see it is in your best interest to have a lease in such situations.

"Even if one of the motivations for moving into the apartment building or trailer park was the fact that the landlord had given permission, once the original term of the lease expires, so does the permission. One possible way to protect your antenna is to include a clause in the lease giving you a right (an option) to renew the lease subject to the same terms and conditions. The landlord will insist on a rent escalation clause if he gives you an option, but that is fine, as you object is to protect your antenna. If you didn't have the lease, the rent would probably be raised anyway. Don't get too optimistic. In the current real estate market, few landlords are willing to give options in residential property situations."

---

THE PRECEEDING WAS REPRINTED FROM THE HAMILTON ARC BULLETIN. WE THOUGHT IT CONTAINED SOME GOOD SUGGESTIONS FOR THOSE OF US WHO PAY HOMAGE TO A 'LANDLORD'. ED.

# COMPUTERWARE

## CELEBRATES

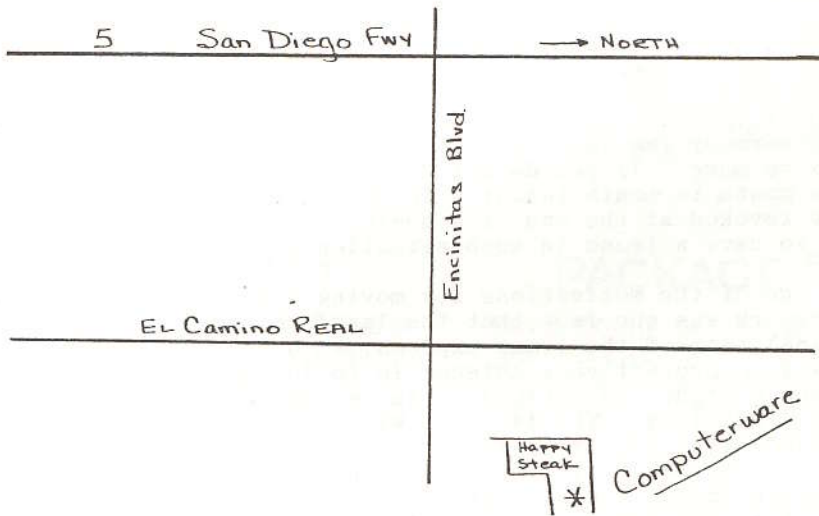
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Last month we discussed several approaches to developing and using a microcomputer in filing applications for ham radio. Four types of programs were discussed and an example program was listed for a 'Handle/Phone Number file. Although distinctive features of each of these approaches were identified and discussed, all applications were primarily of a 'roster' or 'QSO Log' type, which do not represent other useful applications of computer files.

A second application category of the microcomputer file is one that more specifically addresses data storage and retrieval for all forms of information. In amateur radio, applications such as a computerized index file of various technical articles that appear in all of the ham publications such as QST, 73, CQ, and others, is one example. A second example could be a computerized data base of electronic parts, (i.e., an inventory of components) for the experimenter and circuit builder. In this example the microcomputer could be called upon to keep a running tally of all of incoming and outgoing shipments or useages as they occur. There is no end to the number of processing routines that can be included in a file if one wishes to spend the time developing subroutines that can be called up by the basic program. Some techniques found to be helpful are given in the following paragraphs for a technical article index file.

Any ham who has been licensed for some time and who has kept all of his radio publications, knows that at one time or another he has seen an article covering a particular circuit or equipment operation that he is now interested in. But, in which document? Some old timers may have as much as a 100 or 150 cubic feet of documents - enough to fill a small closet! Well, this is an extreme example - but wouldn't it be nice if such a ham had a program that could do something like the one whose print-out is shown below?

```

TECHNICAL ARTICLE INDEX
WHICH RETRIEVAL TYPE? COMPONENT INDEX
WHICH PUBLICATION? QST
WHICH AUTHOR? OVERSTREET
LIST DESCRIPTORS? ANTENNA, QUAGI, VHF
  
```

```

OVERSTREET, "THE VHF QUAGI", QST, April, 1977, P. 11
END OF LIST
  
```

In this particular example, the microcomputer had all the information it needed with the first three requests for inputs. In fact, it would have probably been sufficient just to give the author's name. However, if it's a case where the author has written a number of articles on different subjects, the microcomputer would have printed all of the Overstreet articles, regardless of the subject matter if the descriptors had not been

---

**TRS-80 OWNERS:** Check the "Bits of Tid" column for news of a new store dedicated to the Radio Shack's TRS-80 Microcomputer System, exclusively!! See page 30.

# SOUTHWESTERN DIVISION 1979 CONVENTION OCTOBER 19, 20, 21, 1979



## ANAHEIM SHERATON HOTEL

1015 WEST BALL ROAD, ANAHEIM, CA. 92802

### TALK IN

WR6ACB 146.19/.79 MHz  
SIMPLEX 146.52 MHz  
7260 KHz and 3965 KHz



- ① ANAHEIM SHERATON
- ② DISNEYLAND
- ③ ANAHEIM STADIUM

### AWARDS

### TECH SESSIONS

### BANQUET

### LADIES PROGRAM

### BREAKFASTS

### EXHIBITS

### CW CONTESTS

### T-HUNT

### WOUFF HONG

## SUNDAY AFTERNOON FAMILY FUN AT DISNEYLAND

THIS IS AN EXTRA EVENT PRESENTED BY THE DISNEYLAND EMPLOYEES RADIO CLUB

**PLEASE NOTE:** Seating for Banquet and Ladies Luncheon is Limited  
So Pre-register Early To Be Sure To Get A Seat

## 1979 SOUTHWESTERN DIVISION CONVENTION — ANAHEIM SHERATON

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		BANQUET, EXHIBITS, TECH. SESSIONS		
NAME _____	CALL _____	Banquet Only	12.00	12.00
NUMBER _____	STREET _____	Exhibits, Tech. Sessions	5.00	6.00
CITY _____		Ladies Program	6.00	
		LADIES LUNCHEON		
STATE _____	ZIP _____	<b>TOTAL</b>	<b>MAKE CHECKS TO: HAMCON, INC.</b>	



given. In the basic program which the example print-out represents it is convenient to provide for 'null inputs' by simply hitting the Enter or Carriage Return key without keying in an answer to the printed request. In the example, for the "Retrieval Type" question, a carriage return could be made to be interpreted as always the same type of retrieval; "Publication," could be interpreted as a search through all of the publications in the file; and "Author?" could be interpreted by the carriage return input as an instruction to skip the 'Search on Authors' subroutine and go to the 'list Descriptors?' subroutine.

In programming the 'Search and Retrieval' part of the file program, a diagnostic technique can be used. This approach uses a dialogue between the microcomputer and the ham. With this approach, the ham is led through all the descriptors and identifiers, including hierarchy of the descriptors and identifiers. The microcomputer asks questions of the operator such as, "Are you sure the author's name is Smith?" "Could it be Smythe?", and so on, the microcomputer searching for other clues to retrieve.

There are many aspects of the 'Diagnostic' subroutines one could go into. However, because of the many applications in other ham radio uses, next month's discussion will be on a different area of the use of the microprocessor/microcomputer.

73

Ly

# ARRESTS AND CONVICTIONS

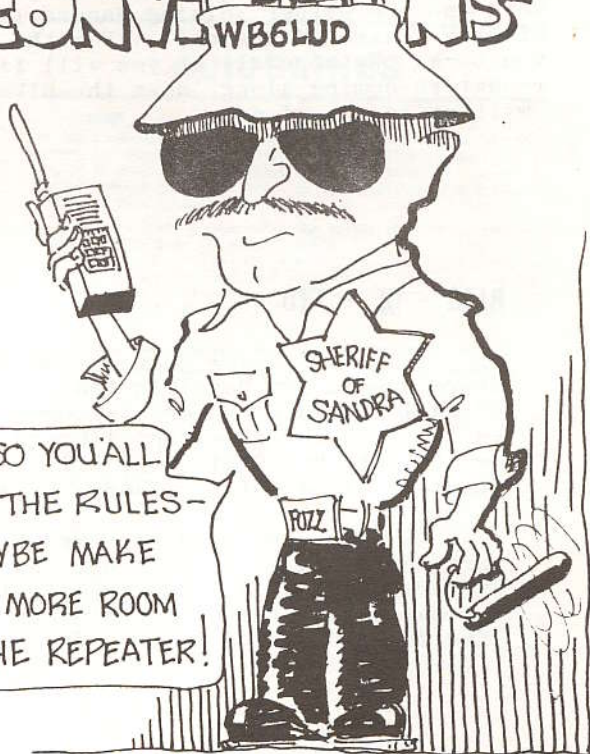
## RULES AND REGULATIONS

### § 97.84 Station identification.

(a) An amateur station shall be identified by the transmission of its call sign at the beginning and end of each single transmission or exchange of transmissions and at intervals not to exceed 10 minutes during any single transmission or exchange of transmissions of more than 10 minutes duration. Additionally, at the end of an exchange of telegraphy (other than teleprinter) or telephony transmissions between amateur stations, the call sign (or the generally accepted network identifier) shall be given for the station, or for at least one of the group of stations, with which communication was established.

PART 97 JAN 1979

JUST SO YOU'LL  
KNOW THE RULES -  
'N MAYBE MAKE  
SOME MORE ROOM  
ON THE REPEATER!



## NEW MEMBERS . . .

WB6AIM	Henry A.	Veillette	17321 Parthenia St	Northridge	91325		0480
N6AVR	Bob	Avilla	1511 Myrtle Avenue	San Diego	92103		0480
N6AYY	Robert D.	Miller	2805 33rd Street	San Diego	92104	284-8092	0480A
N6AZZ	Larry T.	Williams	831 Saturn Way	Livermore	94550	443-1929	0480A
W6BHF	Raymond W.	Dobler	17142 Cliquot Court	Poway	92064	487-4423	0480A
N6BJR	Larry	Whitaker	3241 Wellesly Avenue	San Diego	92122		0480
N6BKU	Steve R.	Palmore	149 Noeline Way	San Diego	92114	475-2189	0480
KA6DBI	Wanda	Phillips	W Bar W Ranch	Ranchita	92066		0480
KA7DHH	Johnny R.	Ravenscraft	582 Avenue B	Yuma, AZ	85364	782-9124	0480
KA6FBF	Frank	Reno	4111 51st Street	San Diego	92105	281-1309	0480
KA6FBG	Robert	Story	6844-4 Bear River Row	San Diego	92139	225-3219	0480A
KA6FDK	Bruce T.	Smith	3731 Yosemite Street	San Diego	92109	276-3109	0480
WD6GAM	Michael L.	+Hulbert	P.O.Box 9278	San Diego	92109		0480
WD6GCI	Marie S.	*Hulbert	P.O.Box 9278	San Diego	92109		0480
AJ6L	Tom	Wilson	9446 Cathywood Drive	Santee	92071	449-8782	0480
WA1MXF	Howie	Groveman	14154 Recuerdo Drive	Del Mar	92014	481-6180	0480
WB6PVE	Dave	Gerber	1354 Monterey Court	Chula Vista	92011		0480
WB6PYM	Stig	Johannson	P.O.Box 304	Dr. Borrego Spgs	92021	-5591	0480A
WA6QKE	Dorothy	+Petersen	7022 La Jolla Scenic/	La Jolla	92037		0480
K6QV	Ken	*Petersen	7022 La Jolla Scenic/	La Jolla	92037		0480
WA6QVW	Les	Nuhn	5619 Sweetwater Rd	Bonita	92002		0480A
W6RMI	Vern	Story	20329 Tomlee Avenue	Torrance	90503	379-8057	0480L Ltd
WB6STZ	Russell F.	Ames	6594 Seaman Street	San Diego	92120	583-3297	0480A
K6UV	Bernie	Bernardini	3506 Union Street	San Diego	92103	295-4788	0480
WB6WQW	Les	Holden	8150 Sterling Drive	El Cajon	92021	440-0267	0480A

It is our pleasure to extend a big welcome to all of the members who are either joining Sandra for the first time or who are re-joining after a 'leave-of-absence'. For the latter, it is nice to be able to have you back. We hope all of you will find Sandra has grown with several new repeaters coming along 'down the pike' as well as a second autopatch that's 'waiting-in-the-wings'.

Vy 73s to both the YLs & OMs  
The Board

## BITS - OF - TID

As we go to press we have learned there is to be a new store opening on May 16th that will be devoted exclusively to the TRS-80 Radio Shack Microcomputer and a complete line of TRS-80 compatible peripherals, program tape library, and other items. The store will be located at 3062 Clairemont Drive. In addition to software, there will displays of all of the Tandy TRS-80 hardware.

Note in the cardboard insert that there are four cutout portions containing emergency phone numbers. Depending upon how they are cut out you can make them 'wallet' size or 'letter' size. Please note also that the membership application can be mailed in as a postal card for 10¢. Give it to a friend who wants to be a member!

73s  
Ly



## OFFICERS

<b>President</b>		
N6LY	Larry Harvey	225-8456
<b>Vice President</b>		
WB6PMF	Ben Bennett	1-344-4158
<b>Secretary</b>		
W6GIC	Sybil Allbright	278-4284
<b>Treasurer</b>		
W6QR	Gil Severns	224-7253
<b>Membership</b>		
WA6KHA	Vance Belliston	464-2012
<b>Meeting</b>		
WA6MDD	Richard Dahl	1-767-5687
<b>Members-At-Large</b>		
XE2IO	Alex Hodoyan	1-386-4233
WA6AIL	Larry Cox	277-6352
WB6CYX	Gale McGuffy	292-8550

## TRUSTEES

WR6ACF - Otay	Ed Flinn (WA6YVX)
WR6AJL - Laguna	Wayne Bamford (W6PDA)
WR6ASM - Sharp	Dave Fender (K6QL)

## SANDRA NETS

Sunday Evening at 8:00 PM on 04/64  
 Monday Evening at 8:00 PM on alternate  
 weeks with 04/64 & 75/15 "Board-on-  
 the-Air" nite (Schedule announced)  
 Wednesday Evening at 7:30 PM on 75/15  
 Thursday Evening at 9:00 PM following  
 the 3rd Wednesday of the month on  
 04/64 "Computer Roundtable"

## SANDRA REPEATERS

WR6ACF	Otay	146.040	146.640
		222.600	224.200
		*444.500	449.500
		*1-BPL REED	
WR6AJL	Laguna	147.750	147.150
		222.460	224.060
WR6ASM	#Sharp	147.885	147.285
	#SHARP HOSPITAL, SAN DIEGO		

**INFORMATION & INTERFERENCE REPORTING**  
 Call 286-8550

## AUTOPATCH:

EFFECTIVE MAY 20, 1979

ACCESS 37\* CLEAR 37#

# SQUELCH TALES

SQUELCH TALES is published monthly by the San Diego Repeater Association (SANDRA, Inc.), a non-profit corporation dedicated to the promotion of Amateur Radio. Distribution is free to members of the Association, and subscriptions are available to others at \$5.00 per year. News, views, and information exchanges, (including newsletter exchanges with other organizations) are desired and solicited. The right to edit material submitted with respect to format, suitability, and style is reserved. Decisions of the Editorial Staff are final.

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## GUIDELINES

SANDRA, Inc., operates the above repeaters for service to the San Diego area and environs. The policy of the organization is that the repeaters are available for all licensed Amateurs to use, so long as applicable rules and regulations are observed, whether members of SANDRA, Inc., or not. Further, the following priorities must be observed:

- Emergency traffic concerning the safety of life or property take priority over all other traffic.**  
 Failure to yield to any station indicating the need for such traffic is prohibited, and may render the offender subject to legal action. Indication of the need for such traffic may be "Break Emergency", "Break-Break", or any other clearly indicated emergency statement.
- Call-ups should be permitted over low-priority traffic.**  
 If an operator "breaks" into a routine conversation, he should be immediately permitted to make such a call-up. He should not, however, "take over" the repeater and exclude those who were already using it. Breakers should return the repeater to the existing QSO.
- "Rag-chewing" is not prohibited, but care must be exercised to assure the repeater is not tied up for extended periods.**  
 Remember, there are almost 600 members and several hundred non-members, who have as much right to use the facilities as you do. Long QSO's should be limited to simplex frequencies on the lower bands. Keep transmissions and QSO's short during busy traffic hours and during adverse traffic conditions.
- Ignore completely all jammers and willful interference on any of the repeaters.**  
 Comments made to or about the jammer or jamming should not be made. Talk around or through the jamming without identifying it as such. QSY or use other modes of communication when possible if the substance of your communications is critical.



SANDRA, Inc.  
San Diego Repeater Association  
P. O. Box 81103  
San Diego, CA 92138



Coming Events . . .

- MAY 16 COUNTY BOARD OF SUPERVISORS MEETING AT THE COUNTY ADMINISTRATION BUILDING, 1600 PACIFIC HIGHWAY, 9 AM IN ROOM 310. THE ANTENNA ORDINANCE WILL BE FIRST ON THE AGENDA. ALL HAMS NEEDED AT THE MEETING FOR SHOW OF SUPPORT.
- MAY 16 AUCTION NITE AT THE GENERAL MEMBERSHIP MEETING AT THE NORTH PARK CLUB HOUSE, 3927 UTAH (NEAR UTAH AND UNIVERSITY) - 7:30 PM. ALL SELLERS ADVISED TO COME AT 6:30 PM TO SET UP.
- MAY 31 SANDARC MEETING. TENTATIVELY SCHEDULED AT THE RED CROSS AT 7:30 PM. MEETING PLACE MAY BE CHANGED - LISTEN ON OTAY THURSDAY AFTERNOON FOR ANY CHANGE.
- JUNE 7 BOARD OF DIRECTORS MEETING AT THE EL CAJON BONANZA RESTAURANT, 7:30 PM, 2633 EL CAJON.
- EVERY SATURDAY - HAM BREAKFAST MEETS - CHOICE OF 2:  
BOB'S BIG BOY RESTAURANT, 2 BLOX EAST OF HWY 163 ON CLAIREMONT MESA BOULEVARD, 9 AM.  
COCO'S FAMOUS HAMBURGERS AT 5505 LAKE MURRAY BOULEVARD IN LA MESA, 9 AM.

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