Volume 19, Number 10  Oct. 1978

THIS MONTH'S MEETING . . .

Friday, Oct. 20, 1978
0330 UTC (7:30 PM)

Mercury Savings and Loan
1095 Irvine Boulevard
Tustin

---

ORANGE COUNTY AMATEUR RADIO CLUB - "Formed to promote interest and participation in amateur radio communication, to contribute to the advancement of the radio art, and to maintain fraternalism and a high standard of conduct."

<table>
<thead>
<tr>
<th>1978 CLUB OFFICERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
</tr>
<tr>
<td>Vice President</td>
</tr>
<tr>
<td>Treasurer</td>
</tr>
<tr>
<td>Secretary</td>
</tr>
<tr>
<td>Activities</td>
</tr>
<tr>
<td>Membership</td>
</tr>
<tr>
<td>Public Relations</td>
</tr>
<tr>
<td>TVI</td>
</tr>
<tr>
<td>Members-at-Large</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
PRES. SAYS

Well its auction time again which means the year is starting to wind down and its time to start contemplating next years resolutions. In that light I hope each of you will consider the possibility of serving the club next year in what ever capacity best suits you. Elections are in November so you may want to consider running for an elected position on the board. I can assure you it is a worthwhile experience. In any case the club continues to need your support.

Now's the time to run out in the garage and dust off all those old treasures you bought last year at this time and bring them to the auction. Let someone else store them for the next year. I'm sure we will need help in running the auction so any of you who would like to join the fun please let me know.

Congratulations are in order to: Louis McKe, on his new call N6AQF, Fred Shader on his new call AG6O, N6HI for achieving DXCC, WA6WZO for 1st place Low Band in the ARRL DX contest, WD6AEB for his upgrade from Novice to Technician, and to all the Novice Class students in the process of getting their tickets.

While I think of it, the Orange County Council is thinking seriously of holding next years southwestern division ARRL convention at Disneyland. If you have any thoughts on this please let me know. I know our club will be involved and we will be looking for help so now is the time to volunteer for the easy jobs before someone starts twisting your arm.

Well the xyl says I'd better get out to the garage and decrease my inventory for the auction so better say 73's and 88's to all. See you on the 20th.

73's Jim WA6LFF

NOVICE CLASS

We will probably start a new novice class in November. If we can get enough sign ups to justify it we have a volunteer to instruct but we still need a location to hold the classes at. Anyone knowing of a possible location, please contact Jim WA6LFF at (714) 531-8717.

JOINT MEETING CHANGE !!!!

The joint meeting for the Orange County Clubs which was scheduled for Oct. 23, has been changed to Oct 30 (MONDAY) at the Savanna High School -- 301 N. Gilbert, Anaheim. Please correct your calendars. SEE YOU THERE !!!

I (the editor) found out that Jim WA6LFF was awarded SWAS Plaque # 441 Congratulations JIM

OCTOBER MEETING

This months meeting is our annual club auction. Anyone who is wishing to sell something it is advisable to get to the meeting as early as possible to get set up. In this way the meeting can get started on time.

Anyone interested in a HyGain Ant. with 3-33' elements, cable, heavy duty Ham-M rotor all for $207.00 call Noel daytime (213) 456-4651 or weekends (714)640-0924

PLEASE NOTE!!!!!

The official plaque for Field Day was again awarded to W6ZE by the Orange County Council.

NEW MEMBERS

Jerry Franklin--KA6CEK
Pat Pudigham----KA6CJR
Carol Bourne----N6YL
Ken Bourne-----W6HK
Bob Bourne------WB9UXA
Donna Bourne-----WD9ABO

Jay W6EJJ was unopposed and elected for 2 years as the South Western Division Director.
WHAT AM I BID?

The auction meeting of the Orange County Amateur Radio Club will be held on Friday evening, October 20th, at 7:30 PM. The location of the auction will be the normal club site at: MERCURY SAVINGS AND LOAN BLDG., 1095 Irvine Blvd. in the city of Tustin (about 100 yards east of the intersection of Irvine Blvd. and Newport Blvd.).

*******************************************************************************

AUCTION RULES

Plan to be on hand at the October meeting as we are holding the OCARC Annual Auction. A few rules adopted by the Board for this year's auction are as follows:

1. There will be a seller's registration fee of 10% of the listed minimum acceptable bid to a $1.00 maximum. Example: Three items with a minimum bid of $6.00, seller registration fee is 60¢. Three items with a minimum bid of $15.00, seller registration fee is $1.00. The maximum registration fee a seller will have to pay is $1.00.

2. After receipt of sellers registration fee, we will assign each seller with a seller's number. This number will be used in conjunction with an item number to identify all items to be sold. (For example: A seller is assigned a seller's number of #5 and he has 5 items for auction. His items will be tagged as items 5-1,5-2,5-3,5-4, and 5-5. The first half of the number being the seller's number, and the other half being the item number).

Other information to be written on each tag will be the seller's name and call and minimum acceptable bid. Please provide your own tags.

3. The Club's AUCTION SALE FEE will be 10% of all monies received by a seller, with a maximum of $5.00 per auction item.

4. Only three items at a time will be offered for auction from each seller's lot on the initial go-around. Thereafter, the auctioneer will commence auctioning all remaining items of each seller.

5. If the seller cannot stay until the end of the auction, he may pick up his monies at the next meeting.

For any further information, contact Jim, WAGLFF, (531-8717). Items should be limited to an electronic nature.
Peter Mathews WB6UTA has been elected for 2 years as the Vice Director for the South Western Division.

*****FOR SALE*****
Ham Shack, Storage room or whatever? 5'x6' all metal shed--New never been assembled--Gene WB6YCY 839-4461 5-7PM or after 11PM.

From dashboards to doglights
The U.S. Air Force maintains a continuing effort (through electronically scored "war games") to see how its older aircraft fare against its newest planes in combat situations. One ongoing test pits F-4s and F-5s against new F-14s, F-15s, and F-16s.

In tests over Nevada recently, F-5 pilots were compiling a dismal record. Electronically, at least, entire squadrons were being wiped out by a handful of F-16s. According to Air Force pilots, the F-5 is light, fast, and powerful; but lacks a sophisticated fire-control system. What it needs is something comparable to the F-16's Radar Homing and Warning (RAHAW) system, a $20,000 electronic device that warns the pilot when enemy radar is "homing in". With RAHAW aboard, the pilot can take evasive action before heat-seeking anti-aircraft missiles are deployed.

Challenged by this situation, several F-5 pilots decided to outfit their aircraft with a RAHAW device on the cheap. They went to the base exchange and purchased half a dozen Fuzzbuster radar detectors. These were mounted fore and aft, with indicator lights placed in the cockpits.

The following day, the F-5s took off as usual, pursued by F-16s. This time, when the F-16s' radar locked in for the kill, their Fuzzbuster-equipped targets suddenly divided or looped around for counterattacks. Although no F-16s were shot down, the number of F-5s surviving the dogfights was markedly increased. This caused great concern about the F-16's sagging performance... until the F-5 pilots revealed their $100 "secret weapon"!

There are four black boxes wired in series across a source of AC voltage as shown.

Switch (SW1) controls only light (PL1) and switch (SW2) controls only light (PL2). What is the circuit in each black box?

*****ELECTIONS*****

Don't forget the elections coming up in November. We have several people who have indicated a willingness to serve as officers next year. Candidates so far are as follows:

**PRESIDENT-------------------------TERRY MATHERS WB6IHZ**
**VICE PRESIDENT-------------------JAY HALL WA6MOK**
**TREASURER-------------------------FRANK SMITH WA6VZK**
**SECRETARY--------------------------SANDI HEYN WA6WZN**
**ACTIVITIES------------------------**
**MEMBERSHIP------------------------AL WATTS W6IBR**
**PUBLIC RELATIONS-------------------LENORD VICTOR (Vic) WA6RNA**
**TVI-----------------------------BILL MYATT WA6YKH**
**MEMBER-AT-LARGE-------------------FRED SHADER AG60/WB6MQL**

If Terry WB6IHZ is not elected as president, he will automatically become the member at large in accordance with the By-Laws of the club.
OUR SPONSORS  -  Many thanks to the following local businesses for their courtesy and generosity in support of our club:

Meeting Hall

MERCURY SAVINGS AND LOAN
1095 IRVINE BOULEVARD
TUSTIN, CA

Drawing Prizes

HAM RADIO OUTLET
2620 W. LA PALMA, ANAHEIM, CA 92801
TEL. (714) 751-3033
MON. - SAT. 10-6

JIM RAFFERTY
K6AAR/WABUCE
STEVE HUTCHINSON
WBBCT5/6

HAM GEAR  DISCOUNT PRICES
SALES  SERVICE  SATISFACTION

AMATEUR, CB, SHORTWAVE RADIO
COMMUNICATIONS EQUIPMENT

YAESU RADIO AUTHORIZED SALES AND SERVICE

TOWER ELECTRONICS CORP.
24001 ALICIA PARKWAY, MISSION VIEJO, CA 92675
PHONE (714) 768-8900
OPEN TUES-FRI 10-7, SAT 9-5, SUN 12-4
TONY WB6GTC
COLE W60XP

Printed By: Broadway Press    Lionel Franco, Owner
<table>
<thead>
<tr>
<th>Activity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meetings</td>
<td>The third Friday of each month, 7:30 pm, at Mercury Savings and Loan, 1095 Irvine Blvd, Tustin.</td>
</tr>
<tr>
<td>Breakfasts</td>
<td>The first Saturday of each month, 8:30 am, The Cook Book Restaurant - 17320 E. 17th St, Tustin.</td>
</tr>
</tbody>
</table>
| Nets              | Each Wednesday evening:  
CW - 21.175 MHz at 7 pm  
SSB - 21.375 MHz at 8 pm  
FM - 146.55 MHz simplex at 9 pm.  
Each Tuesday evening:  
10-Meter SSB - 28.775 MHz at 7:30 pm. |
| Callbooks         | The latest United States and Foreign Callbook listings (with supplements) are available at the monthly meetings and breakfasts. Additionally, call Jay/WA6MOK at 531-8448 on Wednesdays between 7 and 10 pm. |
| Ham Radio Classes | Call Nate/WA6MPI at 545-1298 for latest information and class schedules. |
| Youth Representative | Call Drew/WA6MMG at 839-0274 for information. |
| Newspaper         | The “RF” is mailed to members during the third week of each month. Call Louie N6AQB at 832-4347 between 7 & 10 pm with inputs for articles, announcements, and classified ads. |