

S H O R T S K I P



SUN CITY AMATEUR RADIO CLUB
of Arizona

President - Floyd Emanuel	K7BN	10125 Sutters Gold Ln	977-6587
Vice-Pres - Paul Johnson	W7KBE	10817 Brookside Dr	974-0885
Secretary - Parker Burkart, Jr.	W7JAJ	13812 Amberwood Dr	977-7037
Treasurer - Art Drago	W7JIY	14238 Cameo Dr	977-5384
Director - John Allen	W7YF	9525 Oakstone Dr	977-5883
Short } - Frank Barry	W7JIX	10101 White Mtn Rd	977-3258
Skip } - Bob Zopfi		10209 White Mtn Rd	977-3864

The Sun City Amateur Radio Club meets monthly on the third Tuesday at 7:30 PM in Club Room B at Fairway Recreation Center, 107th and Peoria Aves.

Sun City two meter frequency - 147.57 Mhz

Club net is on the air - 28.7 Mhz - every Wednesday at 7:00 PM

FROM THE PRESIDENT

Welcome back after what seemed like a lengthy recess in Club activities. I was pleasantly surprised at the good turnout for our first meeting of the Fall.

The CB expansion is going to have considerable impact on Ham Radio, mostly positive. Many CB'ers want to expand their activities in their new found hobby of communications. Naturally Ham Radio is the answer. Amateur Radio needs to increase its numbers, after a number of years of near zero growth, to provide a larger voice in frequency assignments (to keep what we have now) and many other areas. Be prepared to help CB'ers that show interest in ham radio. If we find sufficient need, there is an ARRL film for CB'ers wanting to get into ham radio.

Concerning need for a training program, the FCC is delegating additional responsibilities to ARRL and amateur radio clubs in the area of training and licensing. The Club will need the help of many experienced and talented people we have, to set up a first class training program. So, when the training committee is established, please join this effort and participate.

FROM THE SECRETARY'S NOTES

Silent Keys - - since Jan. 1st, we lost two members - Ben Cohen, SWL, and Reuben Ford, W7KRV. Cohen on Mar. 9 and Ford on Aug. 7.

Other changes in the roster include:

- Bill Baxter, W7HNL, moved to Scottsdale
- Jim Geer, W7GHW, dropped out of Club
- Ed Heinzel, WA7WYG, moved back to Chicago
- Tim Lane, K7IUI, moved
- George Yerkes, WA7QGY, moved to Louisville

Two very important names inadvertently omitted from the roster;

Howard S. Wood, WA7SDS and Robert Zopfi, SWL - cut these two names from the old roster and insert in proper place on the new one (Sept. 1, 76)

CALL CHANGES

from	to	from	to
W8FQM	W7LCE	WN7WAW	WA7WAW
W8HTW	W7KTP	W2EZ	K7BJ
WA8JGG	WB7CYC	K2DYC	W7KXX
W8HSP	W7KZL		

NEW MEMBERS

Don Bauer	SWL
Richard Fries	W7LBB
George McLeod	W7KTD
George Lezey	K7NIY
Georgiana Lezey	K7NOA
Earl Richards	WN7DGV
Russell Ross	SWL
Jim Wilson	K7BX

Let me remind the membership, again, about renewal of your League membership. When you receive the reminding card from ARRL, make out a check to ARRL for \$8.00, send this check with a dollar bill and the card to the Secretary. He will forward all the necessary to the HQS. Your membership in ARRL will continue and the Club treasury will benefit.

Make this October meeting a memorial one. It is the 15th birthday of the Club. George and Georgiana Lezey, Bill Poehls and a few other hardy souls started the Club in October 1961. So, give them our thanks and wish us all a HAPPY BIRTHDAY.

FROM THE MEMBERSHIP CHAIRMAN

From this date we have 122 members. We are seeking the membership of the 7 new members in the Sun City area in the near future. They are: Loyda Tatum - SWL, Robert O. Burns - WB7DZC, Robert B. Goehring - W3KIZ, Ralph Karnatz WA8AHT, Eva Karnatz - WA8AHU, Walter D. Saller - W7LER, and Joe K7HRO. To keep the membership records correct, please send me any change of address or licen

Woody -WA7SDS is laid up at home and would like to have a few visitors. Although woody works 2 meters, it is nice to have an eye-ball WSO now and then. I understand that there is a big dog looking after Woody but don't be afraid of him (he only takes small bites). Just let it be known that you are there and the dog will let you pass. Do drop in - 10720 Crosby Dr. 977-6344

FROM THE TREASURER

It won't be long till dues time will be with us again. We hope that the Club will not have to raise the dues thanks to the generosity of the members in their donations to finance our Incorporation. We got by this year in good shape due to the work of President Floyd Emanuel, Secretary Parker Burkart and good member Al Fischer. The total cost of incorporation was kept down to \$73.28, the members donated \$62.00 so only a small amount had to come out of the treasury. Another big help was the money we made (should say Parker, Secretary, Burkart made) through handling renewals of ARRL subscriptions through the Club, we have taken in \$23.00 so far this year. If all members will make their renewals through the Club we should be able to triple this.

FOR THE HOMEBREWERS

Faces seen at the new Bell Center metal shop these past few weeks - W7JAJ, W7KBE, WA7YCG, W7JIX. Plenty of space to make that new antenna, bend up that chassis or make that box that you always wanted. Electric and acetylene welding available.

FROM THE PROGRAM CHAIRMAN

On Tuesday September 21st, the fall season of the Club was kicked off by a talk on the forthcoming conversion to the metric system. Mr. Richard F. Harris, Asst. Director of Administration, Weights and Measures Div. of the State of Arizona was the speaker. It appears our group will not have to worry about the conversion, from Mr. Harris's comments it will take another generation for the U.S. to adopt it. An interesting question and answer period brought out many interesting points about the metric system.

In place of the October meeting our annual picnic is being held at Heading Ranch.

Our November meeting will be held at Fairway Recreation Center Club rooms 7:30 PM on November 16th. Our speaker will be Mr. Hal Cupps, on the technical aspects of the Voice of America stations he has erected and operated in Hawaii, Washington, California and Ohio, as well as Europe, Philippines, and Morocco.

He has his amateur station in Scottsdale, Az. and is ~~W7LBD~~. He is ex-W8KTY, W4JNR, DU3ZAE, DU1ZAE, KH6HO, W8IXP, W3KUW, W6CVH, DL4JN and CN8HC.

Our field trip is Tuesday NOVEMBER 23. Chartered buses leave at 10:30 AM from Thunderbird Plaza Shopping Center, 99th and Thunderbird Blvd, Sun City at the United Bank corner. Lunch will be served at the Mountain Shadows Hotel. then we go Senator Barry Goldwater's amateur station K7UGA for a visit and return to Sun City around 4:30 PM. Ladies are invited. Tickets can be obtained from Sam Lewbel at \$10.00 each and include bus trip, lunch - including tax and gratuities. Limit is 80 people, no cancellations and the deadline for ticket purchase is October 12th. Private motor vehicles are taboo. Checks should be made out to John Kevius.

FROM THE NOTE BOOK OF W7YR

Many times that elusive QSL card is pigeonholed at the QSL Bureau in want of a brown envelope which we always say that some day will get mailed to Box 555, Portland, Or. John, W7YR has consented to contact the Bureau and furnish them with a current roster so that all Sun City Amateur Radio Club cards would be sent at intervals, in one group, to John and then he would distribute them to the members - a saving to us in time and money. After a while a regular schedule could be worked out where members may pick up their cards at our regular club meeting night.

If, by chance, there is someone that does not want to join this system, please contact John at 977-5883 and he would delete your name from the roster. he is going to provide the Bureau. Deadline for this Oct.12th -picnic day.

OSCAR 7 - from W7PD's notes

Have you listened to the Amsat Satellite yet? Oscar 7 will be practically over Sun City during several evenings in late October. Tune 29.400 to 29.50 Mhz from approximately 20 minutes before until 20 minutes after the following local times and dates: 8:55PM Oct.20th, 8:49 PM Oct. 22nd, 8:24 PM Oct.28th 8:17PM Oct. 30th. You should hear an interesting assortment of CW and SSB QSO's, also telemetry beacon sending groups of figures on 29.502 Mhz. Oscar may also be heard for shorter periods one hour and fifty five minutes prior to, and after the times given.

LONG SKIP

The voice broadcasts by WWV at 18 minutes after the hour, the Geophysical Alerts, were discontinued a short time ago but the word from the Department Commerce now is that they will be resumed because of many complaints. However the broadcasts made at 14 minutes after the hour of Radio Propagation are due to be stopped. This information is valuable to hams and any one interested in checking on propagation.

LONG SKIP (cont'd)

The Agencies responsible for these reports has needed the ARRL for not giving them support by periodically notifying the hams of their advantages.

If any of you like the broadcasts, drop a letter to your Senator or Congressman NOW.

Radab conditions have been getting worse with the waning of Sunspot Cycle No. 20, and while noone knows exactly when it will bottom out, most experts now agree that next summer will see a definite increase in Cycle no. 21 spots, which have been showing at times. The recovery is always slow but we can expect a definite improvement by next winter.

DX conditions were Hihj normal for the first half of September, then slipped to Low normal. We may get a couple of High normal days again about the 25th of October when the static level should have dropped and the skip lengths seasonably.

MOBILING - by W7JHQ

A few short notes on mobiling cross-country in my merry Oldsmobile with my Atlas at my side. Both machines got a good workout through the ten thousand miles hegrira. I must say that the Atlas did better. No breakdowns, just that the car and driver showed their age. Statistically: I was using an Atlas 210-7 fed into a combination Hustler base with a 40 meter Super-Hustler coil with Waters Band-Adder. This antenna arrangement provided operation on 10/15/20/40 meter bands without having to get out to change bands. This works FB with any rig but is especially handy with a xcvr that can change bands and not have to retune or change loading. Four band coverage with only the bandswitch to handle. The Atlas performed very well in spite of poor propagation. All the way across the country the North/South path did well but we sure ran out of contact with Sun City except for brief periods from the east coast. Although operation was really simple to handle while in motion the addition of the newly announced accessory remote LED frequency readout would have permitted frequency selective without hardly taking your eyes off the road. The readout unit is small and can be remotod to mount on the dash in a direct line with the driver's view forward. It is small enough so as not to obscure the road. Another feature missed was RIT or Clarifier action. This didn't spoil the fun but would be a handy add-on.

All-in-all I was very pleased with the operation and made many FB contacts, even some DX (NB9JW). If I can drum up enough energy I will bring the rig with the picnic.

WANTED

To borrow for a few days - 1968 ARRL Radio Amateurs Handbook.
Stan Wade - W7PD 933-7014

FOR SALE

VIBRO-KEYER, paddle for an electronic keyer. Made by Vibroplex and listed at \$33.00. Condition "like new" \$15.00 WA7YCG 977-7682

A.C. clamp on Volt-Ammeter. Measure AC amps 0-100, AC volts 0-700.
Cost new \$184.50 - sell for \$40.00 W7JIX 977-3258

1½ KW PLT Transformer \$10.00 --- Beonten Q meter type 160 50KC -50mhz [#]100
W7KBE 974-0885

Lab power supply - variac input variable HV side 700V, 300ma. Volts and current each metered. Variable DC bias supply -metered. Filament supplies - 6VDC, 6.3VAC(10 amp) 12 VAC, 24VAC - rack mount, heavy unit \$30.00

Hewlett Packard Scope, model 130B with book. Triggered sweep, etc \$50.00
Larconi Instrument's FM signal generator -10mhz-470mhz in 5 bands no book \$25.00

Audio Oscillator TS-382 A-U 20K through 200 KH \$15.00

Beckman Eput meter (freq. counter) model 7160R \$30.00

Tubes - many types \$.50 each

Don McNeil WYKME 974-5398