RF

ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. LVII NO. 01   **P.O. BOX 3454, TUSTIN, CA 92781-3454**   **January 2016**

The Prez Sez.....

By Nicholas AF6CF

Greetings and Salutations! A new year is starting, and once again I'm at the OCARC helm… While I hold a future ham radio operator in my arms,

I can't stop wondering what the future has in store for us… One thing is for sure, this is shaping to be a very interesting year, and we want to make it even more so with all sorts of ideas and activities, not only Field Day, Field Day and

more Field Day, but we have big plans to change the format of the general meetings and add a few activities that we used to enjoy in the past. For example, every General meeting will now have a "Show and Tell" theme that we hope will be enjoyed by all the members present, and an "Ask the Elmer" segment in every meeting. The VP and his helpers are working feverishly to procure interesting speakers. Speaking of speakers, this month we will have an outstanding one. My friend Arnie N6HC will tell us about yet another of his great "DXpeditions". Mark your calendars and do not miss it. We also are working on developing our own VE (Volunteer Examiner) team so we can have VE sessions and have people getting their first license or upgrading with us, and also we will have our own VE session during Field Day. Check the newsletter and our website for the latest developments in this area. As always, if you have any comments, ideas or suggestions please do not hesitate and contact any of the Board members and we will be more than happy to listen to you. With your support, our Club will be even better and stronger in this coming year. Again, let me paraphrase one of my favorite political speeches: "Ask not what the Club can do for You, But what YOU can do for the Club".

As usual, I look forward to an eyeball contact with you at next General Mtg Thank you very much.

73 DE AF6CF

Editor's note: Nicholas is holding Franco, his 7th grandchild, born July 7th, 2015

The next General Meeting of the OCARC will be held on: Friday, January 15, 2016.

The speaker will be Arnie N6HC. The main January program will be:

"The 2015 DX-pedition to TX3X Chesterfield Isle…"
Arnie will describe what it is like to plan for and participate in a major DXpedition to a deserted South Pacific Island

The next General Meeting will be on:

**Friday, Jan 15, 2016
@ 7:00 PM**
As usual, we will be meeting in the east side entrance of the Red Cross Building,
Room 208 (2nd Floor).
See you there!

2016 Board of Directors:

President:
 Nicholas Haban, AF6CF
 (714) 693-9778
 AF6CF@w6ze.org

Vice President:
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 W6HHC@w6ze.org

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2016 Club Appointments:

W6ZE Club License Trustee:
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Contact the Newsletter:
 Feedback & Corrections:
 RF_feedback@w6ze.org

 Submit Articles:
 EDITORS@W6ZE.org

Monthly Events:

General Meeting:
 Third Friday of the month
 at 7:00 PM held at:
 American Red Cross
 600 Parkcenter Drive
 Santa Ana, CA
 (Near Tustin Ave. & 4th St.)

Club Breakfast:
First Saturday – Feb 06 at 8:00am
Marie Callender's Restaurant 2525 1821
North Grand Ave
Santa Ana, CA
(North of 17th Street)

Club Nets (Listen for W6ZE):
 28.375 ± MHz SSB
 Wed- 7:30 PM - 8:30 PM
 Bob AF6C, Net Control

 146.55 MHz Simplex FM
 Wed- 8:30 PM - 9:30 PM
 Bob, WB6IXN, Net Control

 7.086 ± MHz CW **OCWN**
 Sun- 9:00 AM – 10 AM
 Ann K6OIO, Net Control

Club Dues for 2016:
Regular/New Members* - - - - - - $30
Family renewal/Join** - - - - - - - $45
New Member Join Jul-Dec*** - - -$15
Replacement Badge**** - - - - - - $3

* New members Jan-Jun, w/badge.
** Two members or more, w/badge.
*** New members Jul-Dec, w/badge.
**** There is a $1.50 charge if you'd like
to have your badge mailed to you.

2016 OCARC SHOW & TELL SCHEDULE

This is a list of suggested Show and Tell activities for the 2016 calendar year.

It is not final or "all inclusive" and it is subject to change at or before any meeting.

January: Portable power Generation

February: Batteries and Battery Boxes

March: Antennas

April: Antenna Analyzers

May: VHF/UHF radios

June: HF Radios

July: Station accessories

August: Morse Code

September: Digital Modes

October: Auction – no "S-n-T"

November: Linear Amplifiers

December: X-MAS Party - no "S-n-T"

If you wish to participate in the "Show & Tell", please contact the Activities Chairman, or just bring your "stuff" to our meetings to share with the other members.

JOIN THE FUN AT

W6ZE Winter Field Day

January 30 and 31

1700 UTC 30 Jan to 1700 UTC 31 Jan, 2016

After a year of uncertainty over the future of the old SPARs Winter Field Day event and ill health of SPAR's Board of Directors, it would appear that IT's BACK!!! A NEW group has now taken over the reins and is actively promoting this fun event. Do you like the ARRL's Field Day?? If you do, you'll likely LOVE Winter Field Day as a welcome break and fun event in the middle of the cold winter months.

A group of OCARC members will be activating **W6ZE** from Prado Regional Park the weekend of 30-31 January, 2016. Everyone is welcome and it gives a chance for all those holding a Technician license to operate on the HF bands. There is a $10.00 per vehicle entrance fee to the Park. For more information on the park see:

http://cms.sbcounty.gov/parks/Parks/PradoRegionalPark.aspx

The current plans are to set up in the campground around Site 61 - 65. Radio/antenna set up cannot begin before 5:00am PST on Saturday morning.

For more information on OCARC plans contact:

Ron Mudry – W6FPS, (714) 840-3613
For general Winter Field Day information, go to:

http://www.winterfieldday.com/

UPDATE - Ron W6PFS and Doug K6PGH are set equipment-wise to operate one or two stations from Prado regional Park. I have reserved site number 46 for the weekend. If anyone wants to camp in an RV, there are plenty of RV sites available in the vicinity of this site. It is right across the street from a general use parking lot so we can accommodate anyone who shows up on Saturday since they won't be able to park in the campground proper. Ron and I will be operating SSB and digital (and CW if he knows how) on 10-40 meters and will probably use the time to experiment with other set ups. We haven't had anyone contact us showing an interest, so we will be prepared to run a two man operation.

Winter Field Day Association
WFD 2016 Jan 30-31
1700z-1700z (Noon EST)

Heathkit of the Month #69:
by Bob Eckweiler, AF6C

Heathkit®

STEREO HI-FI EQUIPMENT
Heathkit SK-107
Stereo Synthesizer.

Introduction:

The SK-107 Stereo Synthesizer (Figure 1) is a small kit that has a monaural input and left and right stereo outputs. It creates pseudo-stereo sound from the monaural input. The gain of the synthesizer is unity, and it plugs between a monaural source, such as an AM tuner, or perhaps one of those 50's RCA changers that play the old 45 records with the big center hole (Figure 2). The synthesizer adds depth and separation to the monaural audio, and actually does enhance the music, though it is in no way true stereo.

In the late eighties Heathkit started selling small "starter kits", many with the their model number starting with the "SK" prefix and numbers starting at 101. By early 1989 Heathkit featured ten such kits in their catalog and another one appeared in the spring of that year (See table I). Heathkit also sold "SK" prefixed kits starting at 200 in their computer lineup (See HOM #52).

The SK-107 is based on the Philips TDA3810 spatial, stereo and pseudo-stereo sound integrated circuit. This chip was introduced in 1985 and, to the best of my knowledge, Heathkit introduced the SK-107 in 1987 or 1988. The earliest catalog I have that shows the low cost SK-107 is the winter 1989 catalog (#215). At that time it sold for $16.95. The price increased to $19.95 in the spring 1989 catalog (#216), and remained there until Heathkit shutdown all their kit activities except for their educational products. The SK-107 came less a cabinet which sold separately. The cabinet, model# SK-99, sold for $6.95. The SK-107 is powered by either an internal 9-volt battery, or their PS-2350 Battery Eliminator ($7.95).

Figure 1: Heathkit SK-107 Stereo Synthesizer, less optional SK-99 cabinet.

Heathkit also sold a "Starter's Kit Manual" for $10 (Part# SK-100) This manual covers starter kits SK-101 through SK 111, each in its own lesson, and teaches the principles behind each kit. It is independent of the regular manual that comes with the kit. I have yet to get my hands on a copy.

Figure 3 shows the SK-107 stereo synthesizer listing from the spring 1989 catalog. Figure 4 show the optional cabinet that is available and fits the SK-107 as well as the SK-104-H 1-watt audio amplifier.

Figure 2: Classic RCA 45 RPM Record Changer

Original Starter Kits - Winter 1989	
SK-	**Starter Kit Description**
101	DC Power Supply (9 or 14 V)
102	Code Practice Oscillator
103	Small Appliance Motor Controller
104-H	1-Watt Audio Amplifier
105-H	Fish Caller
106-H	FM Wireless Microphone
107	Stereo Synthesizer
108	Intercom System
109	Sound Flasher
110	Hands Free Speaker Phone
111	Sound Activated Switch *
* introduced in Spring 1989 **Table I: Heath "Starter Kits"**	

The SK-107 Stereo Synthesizer:
Heathkit's stereo synthesizer is a small chassis measuring, less its optional cabinet, 2-3/16 H x 3-1/2" W x 3" D, less protrusions. It weights 12 oz. The front of the SK-107 is simple with just two slide switches and an LED indicator. The slide switch on the right, marked **ON OFF** is for power. The left slide switch selects the mode; either **MONO** or **STEREO** may be selected. The **STEREO** LED lights when the function switch is in the STEREO position.

The rear of the SK-107 has four circuit board mounted jacks. From left to right they are an external power jack (1/8" mini-phone jack), right stereo out jack, left stereo out jack and mono input jack (all RCA phono-type).

All the components, except the two slide switches and one resistor, mount on the circuit board. This really simplifies construction. All the "starter kits" are rated at skill level one,

meaning they are simple kits, easily assembled in less than eight-hours and prior kit-building experience is not needed.

Figure 5 shows a top view of the stereo synthesizer. Power is provided by a standard 9-volt NEDA 1604 battery that mounts, by metal clip, to the circuit board. The heart of the kit is the 18-pin TDA3810 DIP integrated circuit (left of center) that mounts in a socket. Four of the capacitors are electrolytic capacitors; two perform operations internal to the chip, and the

Figure 3: SK-107 Listing from the Spring 1989 Heathkit Catalog #216

Figure 4: SK-99 Optional Cabinet
Heathkit Catalog #216

other two couple the chip to the stereo output jacks. The remaining nine capacitors are radial lead mylar types. The resistors are all standard 1/4 -watt types except for R5 which is 1%.

Circuit Description (Schematic: Fig. 6) :
With only one active component, the integrated circuit (IC), a circuit description is mostly a description of the chip's operation. A data sheet for the TDA3810 is available on the web at:

http://www.digchip.com/datasheets/parts/datasheet/364/TDA3810.php

This IC performs three modes of operation: spatial, stereo and pseudo-stereo. The spatial mode is not used in the Heathkit SK-107. The stereo and pseudo-stereo modes are used. Pins 11 and 12 on the IC set the chip's mode. If pin 11 is LOW (at or near ground potential), regardless of the state of pin 12, the IC operates in the stereo mode. To operate in the spatial mode both pins 11 and 12 must be HIGH; however pin 12 is connected directly to ground (LOW) preventing this mode. When pin 11 is HIGH and pin 12 is LOW, the IC operates in the pseudo-stereo mode. In this mode, certain frequency ranges are shifted between the left and right channel. Low, high and bandpass filtering is governed by the interconnections and RC networks between the various pins. Figure 6 is a schematic of the Heath SK-107.

The monaural signal from the mono input RCA phono jack is fed to both the left and right channel inputs of the IC (pins 2 and 17 respectively) through a coupling capacitor. If MONO is selected on the front panel, the chip is actually in the stereo mode. But, since the chip's stereo inputs are connected together, the input is routed to both outputs resulting in mono audio at the two output jacks.

However, if STEREO is selected on the front panel then the pseudo-stereo mode of the IC is selected. Here the audio is run through low-pass, bandpass and high-pass filters causing the left and right channels to respond to different frequency ranges of the audio. While in no way true stereo, it gives your ears a false sense of direction and depth to the audio coming from the two channels.

When the IC is operating in the pseudo-stereo mode a current driver outputs 12 ma to pin 8 to light the external STEREO LED on the front panel of the SK-107.

Testing the Stereo Synthesizer:
The SK-107 was recently hooked up to a pair of reasonable quality UMax stereo computer speakers. The input was connected to one channel of cassette tape desk. A couple of old 45 RPM records, that I had recorded on cassette many years ago were played through this system. The cassettes are monaural, both channels being identical. I listened to the 50's oldie music first with the front panel switch in MONO and later in STEREO. In MONO the music sounded like the original recording, including some pops and other record noise. When I switched to STEREO the pops and noises were still there, but sometimes only noticeable in one channel. However the music did seem to come alive more than in the original recording. I need to try and record some of the 45 records with the SK-107 between the record player and the cassette recorder. Or perhaps I can put the record player audio directly into the computer and remove the pops and other old record noises. And then I imagine I might find a program that does pseudo-stereo in that same process. Still, I have to say the SK-107

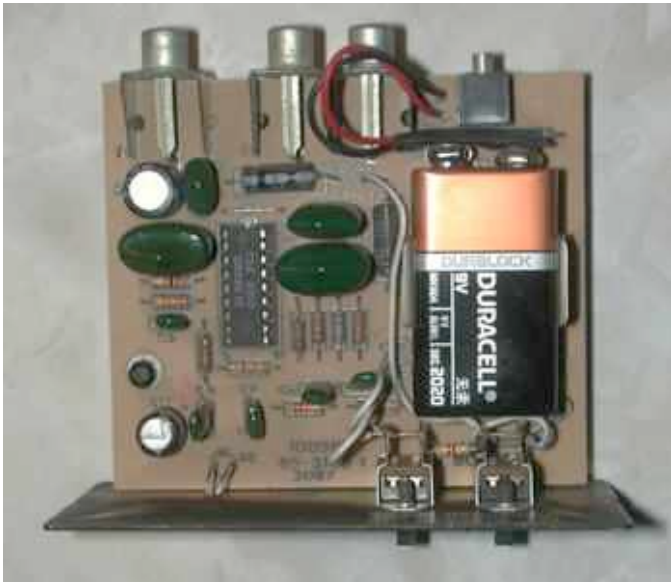adds a fair amount of listening enjoyment to those old recordings.

Figure 5: Top View of the Heathkit SK-107
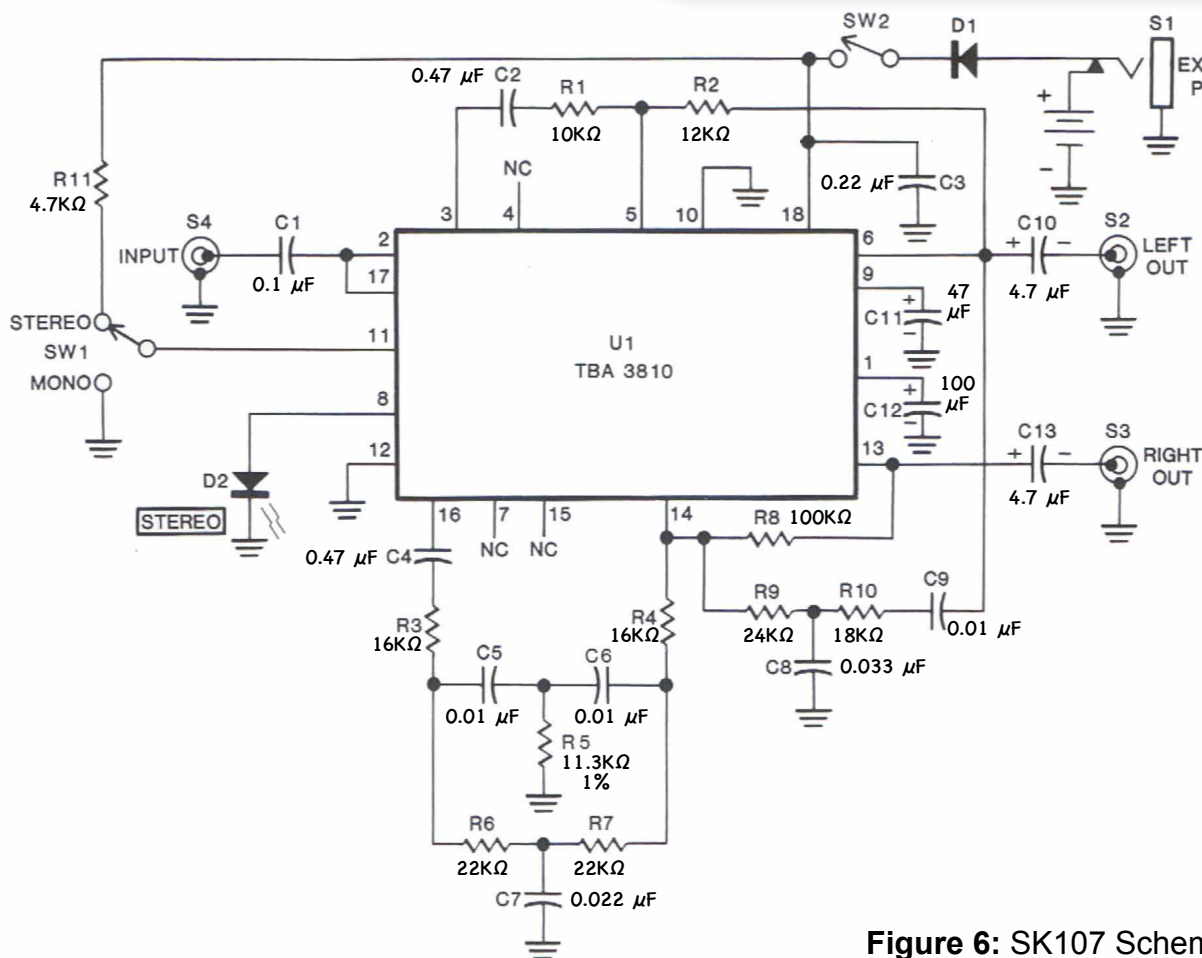
Figure 6: SK107 Schematic with component values.

The Desert RATS club is pleased to announce our annual Hamfest.

Palm Springs Hamfest
Saturday March 12, 2016
9:30 AM to 4:30 PM

Palm Springs Pavilion
401 S. Pavilion Way
Palm Springs, CA 92262

Walk-in Admission Fee

Admission to the 2016 Palm Springs Hamfest is $5.00 payable at the admissions windows at the Pavilion. Children 12 and under are admitted free. Parking is free.

Tailgating Fees

There is no fee for the tailgaters to sell there wares. Tailgaters will have to pay the $5 per person entry fee if they wish to enter the Pavilion to see the other vendors. If Tailgaters wish to spend the night before or after they will have to register for the overnight camping with a fee of $25 per night. Tailgaters need to check out the Palm Springs Hamfest website for all the details and registration form which you can do the day of the event. http://palmspringshamfest.com/home/flea-market/

Motor Homes/RV's/Overnight Camping

Overnight parking of motor homes is available at the cost of $25 per night. No motor home will be allowed into the overnight parking area prior to 3:00 PM on Friday, March 11, 2016 and all motor homes must vacate the premises no later that Sunday March 13, 2016 at 12:00 noon.

Preregistration is required as space is limited to first come, first served. Registration is done via the Palm Springs Hamfest Website. http://palmspringshamfest.com/home/camping-rules/

VE Testing

Palm Springs Hamfest 2016 will again offer VE Testing. Upgrade your license at the event then get a deal on near gear from one of our fine Expo vendors — all in the same day! Testing this year will be from 9 a.m. to noon with the testing center closing at 1 p.m. See our VE Testing page for information. http://palmspringshamfest.com/ve-testing/

Speakers will be announced the beginning of February 2016

Check out the Palm Springs Hamfest Website at the beginning for February to see who our speakers will be. http://palmspringshamfest.com/home/hamfest-presentations/

OCARC BOARD MEETING MINUTES 2016-01-09

The OCARC Board meeting was held at the Marie Callender's Restaurant on Grand Ave in Santa Ana on January 9th, 2019. There were a total of 13 directors and members attending. There was a quorum with all Directors present.

Director Reports:
- **Treasurer** – Greg W6ATB reported that club now had a total of $5,632 in the bank as of Jan 08

NEW BIZ:
- **Newsletter Editors**
  Jan   - Ken W6HHC
  Feb   - Tom W6ETC
  Mar   - Greg W6ATB
  Apr   - Tim N6TMT
  May   - Bob AF6C
  June   - Tony N2VAJ
  Jul   - Clem WØMEC
  Aug   - Greg W6ATB
  Sept   - (TBD)
  Oct   - Nicholas AF6CF
  Nov   - Paul W6GMU
  Dec   - Don N6XBP

- **Program Speakers for Club Meetings**
  Jan   - Arnie N6HC on the TS3X DXpedition
  Feb   - Ken W6HHC on Digital-ATV
  Mar   - Tony Gawel KJ6UFG on EmComm Battery Box Basics

- **Financial Audit Committee**
  The following members were selected to serve on the Audit Committee to review the club's 2015 finances:
  - Ken W6HHC
  - Tim N6TMT
  - Bob AF6C
  - Plus the current Treasurer, Greg W6ATB
  Ken will assist Greg on prep of audit material for the audit committee review on Monday Jan 11.

- **Field Day Site Selection Committee**
  Paul W6GMU reported that while an official request has been officially submitted to the Army National Guard to use JFTB base for OCARC Field Day, an official responsel has not yet been approved.

  A group consisting of Nicholas AF6CF, Tim N6TMT, and Paul W6GMU will visit Walter Knott school officials to discuss using the field at Walter Knott Education Center again in 2016.

- **Field Day Chairman** – Ron W6FPS may be available as co-chair for FD. Nicholas AF6CF will contact other members in the club

- **Membership Growth Proposals**
  The club Membership Chair, Don N6XBP, discussed a number of ways that the club can actively drive to obtain brand new members:
  - Harvest e-mail addresses (etc.) of 30,000 hams in OC from QRZ web site and harvest ARRL members from ARRL
  - OCARC needs perhaps 10 – 15 new hams to replace hams who leave the club (move, etc.)
  - OCARC needs to prepare marketing material that will "provide a reason to join OCARC".
  - Growing club to 200 members is possible…BUT OCARC may outgrow the Red Cross meeting room.
  - We have ability to "throttle the membership drive" to slow down or stop when we reach 135 members, etc.

- **Membership PayPal button** - The committee explained that one "delaying roadblock" was understanding if a 501(c)3 non-profit corporation can use the PayPal DONATE code that is available. Decision is to NOT include the DONATE button until Greg W6ATB obtains clear answer. The PayPal committee will continue work on adding other PayPal buttons for renewing membership and new members as time permits.

- **Website Changes Pr oposed** – Don N6XBP explained that changes to the web site could be improve the growth of the club membership
  - GOOGLE code can be used to improve the club web site "ranking" when prospective visitors perform a "Google search".
  - PHP web coding software (instead of HTML web code) could be used to always show the front page "topic links" on every page that a viewer visits.
  - Webmaster Ken W6HHC pointed out that CONTENT has far greater impact on visitors than STYLE. The club needs more people creating content and adding to our web site.
  - GOOGLE TOOLS can be used to analyze visitors to web site. Ken W6HHC pointed out that our current web host (1and1.com) currently provides plenty of visitor statistics by using the iand1 Control Panel tools on our website.
  - Webmaster Ken W6HHC also pointed out that he can NOT allow the technology of the OCARC web site to change until all people who maintain the club web site have the same web tools and have the training to work "interchangeably" on the web site.
  - Don N6XBP suggested that the "crossed-out 40M CW info" on the web site should be removed. Paul W6GMU reported that the Sunday morning 40M CW is still alive and well, but that Ann K6OIO is the current Net Control Station (NCS).

- **Disposal of OCARC Old Generator**
  Tom W6ETC, Greg W6ATB, and Nicholas AF6C are members of the "Old Generator committee". Although Paul WA6LJV has agreed to continue storing the old club generator at his QTH, the board has decided the old generator is no longer worth the cost of repairs or the investment in labor to repair. The club will advertise that the generator is FOR SALE for $100 OBO.

- **OCARC VE Testing**
  Tom W6ETC confirmed that OCARC has a group of seven VE authorized testers. Don N6XBP the OCARC official VE Coordinator reported no progress.

- **Update Club Brochure**
  The OCARC club brochure (a tri-fold pamphlet) contains outdated photos as needs to be updated. Bob AF6C took the marked up tri-fold and agreed to update it.

- **OCARC Calendar**
  Tom W6ETC handed out and reviewed a one-page table listing potential speakers for OCARC General Meetings, dates OCARC Board Meetings, and proposed "Show and Tell" topics. See Page 03 for the schedule for "S-n-T".

- **OCARC Appointments for 2016**
  Nicholas AF6C led discussions on current appointees to committees. The consensus was there were no changes needed today for those appointees listed on the Club Web Site.
  Bob AF6C discussed that the W6ZE license and Trustee expires in 2017. Bob has held this position as Trustee for several decades. Bob asked the club to search for a new Trustee.

- **Winter Field Day**
  Doug K6PGH has reported and invited in the newsletter of club members joining in the "Winter Field Day" event. The event is scheduled for Saturday Jan 30 and Sunday Jan 31. will operate as W6ZE at Prado Dam Park. Sounds like a fun event. [See Page 04 for details.].

- **BandPass Filters for Field Day** – this old biz will be reviewed at next board mtg.

- **Moving More Equipment into Storage Unit** – Efforts to move Ken's club storage items will be reviewed at next board mtg.

- **New WebSite Membership Database** – will be reviewed at next board mtg,

- **Need for another Assistant WebMaster** – will be reviewed at next board mtg.

Respectfully submitted by:
Ken W6HHC – secretary

OCARC Cash Flow - 2015
1/1/2015 through 12/31/2015

Category	1/1/2015- 12/31/2015
INFLOWS	
ARRL Membership Income	78.00
Auction In	1,588.00
Badge Income	21.00
BADGE MAILING	1.50
Christmas Dinner 2015	841.00
Donation	4.00
Dues, Family	130.00
Dues, Future	20.00
Dues, Membership	1,030.00
Dues, Membership 2016	115.00
Dues, New Member	198.00
Field Day Food Advance	505.00
Opportunity Drawing IN - Christmas	269.00
TOTAL INFLOWS	**4,800.50**
OUTFLOWS	
ARRL Membership Expense	61.00
Auction Payout	903.15
Bank Svc Chg	60.00
Christmas Dinner - Ladies Gifts	77.22
Christmas Dinner 2015 Food Exspense	840.73
Christmas Dinner 2015, Trophy Award	56.16
Door Prize	300.00
FD bathroom cleaning	50.00
Field Day - Flowers	49.04
Field Day - Gas	64.71
Field Day Food	780.00
Field Day Other	151.49
LIABILITY INSURANCE	300.00
Opportunity Drwg OUT - Christmas	470.45
PO Box Rental	56.00
Storage Locker	338.48
Web Site Hosting	179.88
TOTAL OUTFLOWS	**4,738.31**
OVERALL TOTAL	**62.19**

A HISTORY of OCARC PRESIDENTS

by Ken Konechy W6HHC
with great assistance from our Club Historian, Bob Evans - WB6IXN

2016 AF6CF Nicholas Haban
2015 N6TMT Tim Millard
2014 AF6CF Nicholas Haban
2013 AF6CF Nicholas Haban
2012 W6GMU Paul Gussow
2011 W6GMU Paul Gussow
2010 K6PEQ Kristin Dankert
2009 AF6CF Nicholas Haban
2008 N8WP Willie Peloquin
2007 K6PEQ Kristin Dankert
2006 N8WP Willie Peloquin
2005 W6HHC Ken Konechy
2004 N1AB Steve Brody
2003 KQ6JD Lowell Burnett
2002 KE6WIU Cory Terando
    (now AE6GW)
2001 KD6BWH Bob Buss
    (later KØBWH)
2000 K6LDC Larry Hoffman
1999 WA6VPP Bud Barkhurst
1998 KD6BWH Bob Buss
    (later KØBWH)
1997 WA6VKZ Frank Smith
1996 AF6C Bob Eckweiler
1995 N6XTJ Jim Roberts
1994 KJ6ZH Chris Breller
1993 KC6TAM Jane Breller
1992 WA6VKZ Frank Smith
1991 W6HHC Ken Konechy
1990 KJ6ZH Chris Breller

YEAR
1989 WA6VKZ Frank Smith
1988 W6HHC Ken Konechy
1987 N6JSV Jim Talcott
1986 WA6VKZ Frank Smith
1985 AF6C Bob Eckweiler
1984 KA6IMP Chris Breller
    (now KJ6ZH)
1983 W6IBR Al Watts
1982 KA6HNY Robin Hoff
1981 WA6VKZ Frank Smith
1980 WA6FOW Ernie Prichard
1979 WB6IHZ Terry Mathers
1978 WA6LFF Jim Kingsbury
1977 WA6WZO Fried Heyn
1976 WB6PEX Martin Raymond
1975 WA6LHB Art Sheldon
    (now K7ZE)
1974 W6HHC Ken Konechy
1973 WB6QNU Bob Eckweiler
    (now AF6C)
1972 WA6FIT Ron Cade
    (now W6ZQ)
1971 WB6CQR Billy Hall
    (now N6EDY)
1970 WB6UDC Jack Hollander
    (now N6UC)
1969 WA6ROF Jerry VerDuft
    (now ADØA)
1968 W6COJ Dave Hollander
1967 WB6GPK Jim Hill
1966 WA6YWN Jack Shaw
1965 K6KTX Rolland Miller
1964 W6WRJ Ralph Alexander
    (later W6RE)
1963 W6DEY Roy Maxson
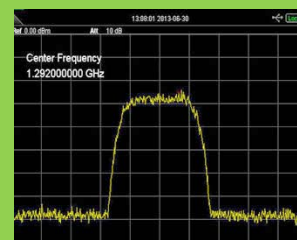1962 K6LJA Ted Glick
1961 K6IQ Roy Morriss

YEAR
1960 K6TXS Charles(Ed)Edwards
1959 W6BVI Ken Kesel
1958 W6BVI Ken Kesel
1957 - CLUB DISBANDED -
1956 W6HIL Bob Swenson
1955 W6BVI Ken Kesel
1954 W6UPP Marinus Conway
1953 Probably only informal
    meetings, no officers?
1952 W6QZQ Horace Bates
1951 W6LDJ Sam (Mac) McNeal
1950 Probably only informal
    meetings, no officers?
1949 W6CGF Chuck Lunder
1948 W6BWO Dale Bose
1947 W6ALO Tommy Gentges
1946 W6DEY Roy Maxson
1945 W6DEY Roy Maxson
1944 - **ALL OFF TO WAR!!**
1943 - **ALL OFF TO WAR!!**
1942 W6IBN Roy Cumpston
1941 W6BAM Shelley Trotter
1940 W6KLU Harold Christensen
1939 Probably only informal
    meetings, no officers?
1938 W6NSA Les Gates
1938 W6ADT Noral Evans
1937 W6LYN Noral Evans
    (later reissued as W6ADT)
1936 W6LYN Noral Evans
    (later reissued as W6ADT)
1935 - CLUB DISBANDED!!
1934 W6IGO Earl Moore
1933 W6IGO Earl Moore