

ARC-OVER

March, 2018 EDITION

The travels of the "Elements of Radio"

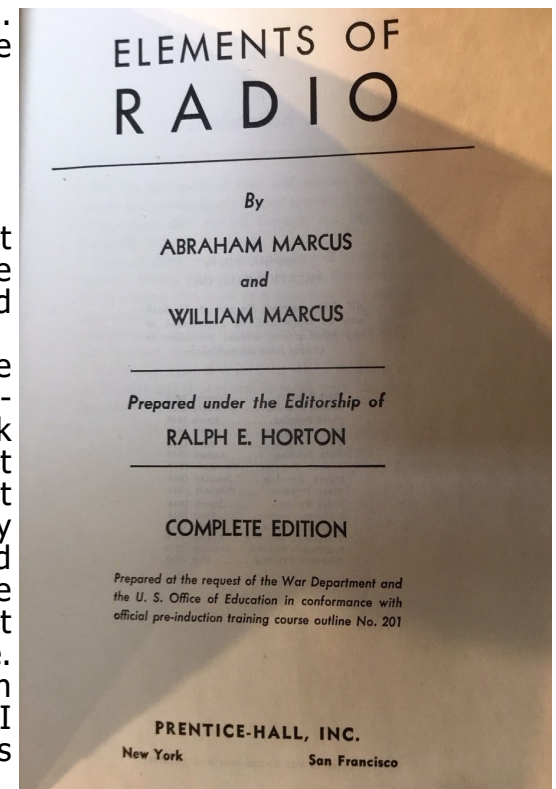
Dean Larson, W6HAB, long time friend and partner in crime, sent me the following note.

This book was first printed in 1943 and the 15th edition was printed in 1945 at The request of the US Department of War , for use in the pre-military Training program in effect at that time. It was given to me by the Hilmar High School shop teacher, who was also teaching a basic radio class. I in turn gave it to Gilbert Rothwiler who was a neighbor on the next farm in Hilmar as he was interested in electronics and later for quite a few years was in The Submarine service of the US Navy and this book he kept handy and with Him on the Submarine for many years. He contacted me a couple of months Ago and we shared old times and he told me he still had the book and was going To return it to me. It arrived today and was fun to page through it. I became a member of the US Air Force and since I had graduated from UC Davis In Dairy Industry they were more interested in my being a Food inspector in the Veterinary Corp. Rather than electronics so I spent the next several years very Involved in the Military food purchasing operations. I used to have to inspect the Mess Hall and kitchens, too I remember in Basic training at Lackland AFB, In Texas, there was a MARS Station and I went down there a couple of times and after the two operators there found out I had a license, they would come and get me when I was off duty in Basic and I would man the station so they could do something else For a while, during these times I was able to contact members of TARC and get the latest around Turlock and Hilmar from them. (I got my Amateur License in 1948) and was a member of the Turlock Radio Club (W6BXN) Since that time.
Dean - W6HAB

Editor's Note:

This book is known to have traveled around the world at least a dozen times underwater without getting wet. I can imagine if it could talk there would be several interesting tails it could relate.

One of the stories that Dean told me was, he and a couple of guys were entering one of the Southern Bases on a new assignment. When they pulled up to the gate, a large M.P. stuck his head and shoulders inside the drivers window blocking out all of the sunlight. Bout that time the idiot in the back seat muttered "Quick Fritz arm der bomb" The M.P. without any sense of humor at all, stepped back, called the bomb squad who then proceeded to dismantle the 52 Chevy with the seats, door panels along with any other removable component leaving them in a pile which took 2 to 3 hours to reassemble. They learned post haste you do NOT mess with the Southern MP's who probably didn't want the job to begin with. While I have the floor there are a couple other humorous instances you would enjoy about Dean a little more Radio related...



The travels of the "Elements of Radio" (Continued)

Dean attended Collage at Davis for his degree in Ag Science. Now we all know in a college dorm neighbors can be a nuisance when playing a loud radio whilst your are trying to get a bit of studying done. When polite requests to turn the radio down seem to fall on deaf ears. Looking at alternatives it wasn't too practical to go next door and whup up on two guys who are a head taller. So if brawn's impractical it becomes necessary to use brains. Home for the weekend Dean returned with a dry cell battery compliment large enough to fire up a Model "T" ignition coil which will produce a minimum of 20,000 volts... Just to insure the desired results, Dean wired the output of the coil into a variable capacitor and local oscillator coil off of an old Broadcast Receiver. Radio was on, blaring some guy hacking on a guitar and screaming like he could not stand it either. Dean turned power on to tuned circuit with hank of antenna wire, tuned the capacitor until finding the frequency the lads were listening to. ALL heck broke loose in the offending receiver, sounded like someone dropped a fist full of forks into a blender. The lads tried another station, not a problem, easy to find that one also. This game went on for a while and they gave up. Dean had quiet study periods for the duration of his Davis stay... When Dean and I stopped giggling about that recount of his College days, he said come here let me show you something. He grabbed his B&W grid dipper and wandered off into the living room. Houses on both side of the street all faced each other with a big front picture window. Low and behold, there was Don Wickstrom setting in his easy chair across the street watching TV. A careful tweak on the grid dipper knob produced horrible cross hatch on the TV. Don got up shuffled across the room, fine tuning was to no avail, go for another channel. Well after 3 or 4 of these excursions, he turned the TV off and went to bed...

Several of the Ham's in the Turlock area belonged to the MARS Military Affiliate Radio Service. For net participation we accrued points which were redeemable for surplus at McClellan AFB in Sacramento. Regardless how early in the morning you arrived the same guy from Oakland was ALWAYS first in line. Dean vowed to see when this guy arrived. So he took his camper up the night before and stayed over-night. At a 3:00 am health break he looked out and there was a big cardboard box in front of the door. On closer inspection he found the guy curled up asleep in the box so that he would have first shot at the choice items... During those days RTTY was the big thing. Dean happened to select the right isle in the warehouse and low and behold He stumbled on a beautiful miniature airborne teletype designed especially for the B-36 aircraft. The cardboard ham, spotted him with the find and with envy he asked Dean what he was going to do with it. Dean with a cynical grin told him he was going to take it home and let his kid play with it. The poor buggar was on the verge of a foaming fit. By the way Dean still has the Teletype, goes over taps a couple of keys from time to time. Says it brings back many fond memories... That's the beauty of our hobby. Any inane idiot can talk on a radio or mater of fact television. You don't believe me, check any channel after the 11 o'clock news goes off. Johnny Carson was the last of the real good ones. Our great hobby as far as I'm concerned is one of relationships. Making new ones, giving a helpful hand to the new guy. Cultivate and nourish those relationships you already have. Then someday you too will have a Dean who has provided you with many cherished memories...

Editor K6IXA

**Meeting of the Turlock Amateur Radio Club
March 13, 2018 @ 7PM
Turlock High School Classroom I4**

Meeting called to order at 7:00 pm by President Bambi Schmidt (KIYQL) with 30 members and guests in attendance.

Vice President's Report:

Vice President Dick Decker (K6SUU) reviewed upcoming program topics.

April: Club Repeater System Part 2 - Digital (Spencer Boyd KJ6ART)

May: Batteries (Greg Back WA6LGS)

To be scheduled: HF Digital Modes/FT8 (Greg Back WA6LGS)

Membership Chairman's Report:

Ed Darrah (K7ERD) reported we currently have 69 paid members on the club roster. Ed requested that renewal dues be mailed with a completed membership form to the club mailing address.

Treasurer's Report:

Treasurer Mike Smith, (KG6VFL) is out of town. No treasurer's report for this month.

Secretary's Report:

President Bambi Schmidt (KIYQL) entertained a motion that the minutes of the February 13, 2018 membership meeting be accepted as published in the ArcOver newsletter. Motion by Ron Roos (KJ6KNL) and second by Ed Darrah (K7ERD). Motion carried.

Repeater Chairman's Report:

Grady Williams (K6IXA) had nothing new to report.

ArcOver Publisher's Report: Grady Williams (K6IXA) requested that items for the next ArcOver be submitted by March 20, 2018.

2018 Field Day will be at the Schmidt Ranch. Ron Roos (KJ6KNL) volunteered to chair this year's field day and Grady Williams (K6IXA) volunteered to assist Ron.

Spring Auction and club meeting location. Grady Williams (K6IXA) negotiated a price of \$150 with the Turlock VFW to use their facility for the auction. Using the VFW facility for club meetings would be \$25/meeting if the club does the setup and breakdown of the tables and chairs. Final decision is pending additional information on another potential location.

New Business: President Bambi Schmidt (KI6YQL) announced that there will be a raffle at the April meeting.

Motion to adjourn by Walter Schmidt (KI6PBL) and seconded by Ed Darrah (K7ERD). Meeting adjourned by President Bambi Schmidt (KI6YQL) at 7:15pm.

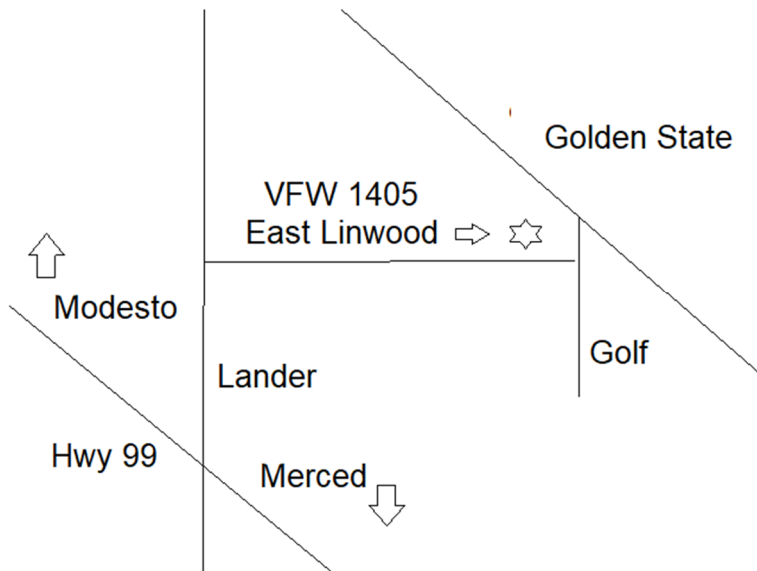
Minutes respectfully submitted by Secretary Greg Back (WA6LGS).

Program: Grady Williams (K6IXA) gave a presentation on the club analog repeater system. Grady reviewed the history of the club's repeaters and how the system has evolved and grown over the years. Grady described the linked repeater architecture with topology diagrams, pictures of each location, the antennas, equipment being used and scenic views from the sites. Grady and Spencer Boyd (KJ6ART) also gave an overview of the AREDN High Speed Multimedia Mesh network architecture.

Greg WA6LGS



TARC Auction April 28, 2018 VFW Hall Turlock CA
 Doors open 8:00am Auction begins 9:00am Lunch
 available, provided by Tweety and the VFW Gang



CURRENT AND UPCOMMING HAPPENINGS

Club Meeting April 10th - Spencer KJ6ART will be making presentation on TARC DMR System. You have been wondering how all this stuff tied together and worked? All rumors dispelled, show up for the straight skinny.

Door prizes are:

1. Anytone DMR Handy Talkie
2. Two Tickets for Tour of the Air and Space museum aboard Hornet Aircraft Carrier in Alameda Ca during regular museum hours 10:00am to 5:00pm. Provided by Larry Rose, K6IY

ARDN go boxes by Kf6IDK and K6IXA are in various phases of completion. For Ideas chat with one or the other. NOTE if you want to include the recommended 8-aH batteries recommend obtain from Walmart at \$18 a pop or pay \$38 at local Battery Store or from other sources on line. A bit on the hi-end is the Grandstream GXV3275 VoIP Video Phone... In addition being an Android tablet it appears to support most Android APPs available on Google Play. I.E. Echolink, IRN (International Radio Network) which allows connecting to multi-mode linked systems world wide... RCForb to access remote bases Local (K6IXA) and world wide. 'BrandMeister Live" allows monitoring DMR systems world wide. There is a rumor afloat that a similar software package out there allows two way communication on internet without radio... However not confirmed as of yet .. It can when connecting to the mesh network via RF it can provide a hot spot Wi-Fi for other computers or smart devices providing access to the services provided by the network... And last but not least it can be used to make connectivity to your local McDonalds and other Wi-Fi sources... Considering it's capability the cost of the unit is acceptable...

C U at the Auction

Bring Money

Be prepared to have a Great time

Be an Elmer to a new guy and bring him along