



Tri County Radio Association

W2LI Since 1934

Tri County Radio operates repeaters on 147.255 (PL 141.3) and 449.975 (PL 141.3) using the W2LI memorial call sign / P.O. Box 412 Scotch Plains, NJ 07076 / Web Site: <http://www.w2li.org>

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KID'S NET

The Kid's Net sponsored by the Northern New Jersey Section ARRL Hudson Division will be held weekly on Thursdays at 8PM on the W2LI 2M repeater. Please contact Barry, K2JV at k2jv@arrl.net with any questions or to be added to the Kids Net mailing list.

TCRA NEWS APRIL 2008

TCRA News is published ten times a year, with no issues in August and December.

PROGRAMS/EVENTS FOR

APRIL*

***Subject to change.**

April 7th: Plans were not finalized at press time. It may be a social meeting or a topic you would not want to miss. **(8PM AT THE UNION ELKS)**

April 12th: **"VE TEST SESSION"** 8AM at the Union County College Cranford Campus.

April 21st: Plans were not finalized at press time. It may be a social meeting or a topic you would not want to miss. **(8PM AT THE UNION ELKS)**

April 26th: **"VE TEST SESSION"** 9AM at the Roselle Fire Department, 725 Chestnut St., Roselle, NJ 07203 in the third floor conference room (handicap accessible).

April 28th: **"ON THE AIR MEETING"** (9:30PM W2LI 2M 147.255 PL 141.3).

ATTENTION DUES PAYING MEMBERS

Just a reminder: **This is one more chance to pay your 2008 dues.** Dues are \$20.00. If you can't make it out to a meeting, you may send your dues to TCRA, P.O. Box 412, Scotch Plains, NJ 07076. Note if any of the following has changed please include when renewing your membership. Your zip code, your phone number, your E-mail address, your license class and are you an ARRL member.

Walt Kenney, W2IZC SILENT KEY

It is with sadness that we announce the passing of a very senior member of TCRA and the hobby in general. Walt Kenney, W2IZC passed on March 19th.

Walt got his ham ticket in 1935 at the age of 17. He worked at the Western Electric plant in Kearny, NJ for 47 years. Born in Elizabeth, he lived in Roselle and spent 20 years in Cranford before moving to Warren in 1963.

He was extremely knowledgeable in electronics and telephone systems. Two home made phone patches were found in his shack. The QSL collection is extensive and will take a long time to go thru and I did see several rare QSL on the walls. A Fifty Year membership Plaque from the ARRL was found among his awards. He was an avid DXer and Elmer to many. The Ham community has lost an excellent representative.

All of his usable radio equipment was donated to TCRA in addition to many boxes of small parts. A 40 foot tower, triband beam and rotor are available for the taking, contact Gerry Miller at aa2zz@juno.com for further information.

ISRAELI DAY PARADE VOLUNTEERS NEEDED

The Israeli Day Parade will be held June 1st from 8AM to 4PM in NYC. Volunteers should have dual band capabilities 2M/440. If you can help or if you have questions please contact Kymm, KY2MMM at ky2mmm@arrl.net.

NAMES THAT SHOULD BE REMEMBERED

As a general statement it could be said that if you walked into any home in the United States and asked, who are the historical giants that have had an enormous impact on world history, you would undoubtedly get answers that would vary from

Genghis Kahn to Li'l Abner. But ask, who was Jack Kirby, and you will get nothing but blank looks. His name ranks with those of Henry Ford, Thomas Edison, the Wright Brothers, John Bardeen, William Shockley, Walter Brattain and Robert Noyce. The list is almost endless of those whose basic scientific concepts have had a revolutionary effect upon our everyday lives.

Jack Kilby was an engineer, who began work with Texas Instrument in 1958, with a background in ceramic-based silk screen circuit boards and transistor-based hearing aids. This year marks the 50th anniversary of his successful use of germanium mesa p-n-p transistor slices to form transistor, capacitor, and resistor regions. Thus the first germanium based integrated circuit was born. Using fine gold "flying wires," he connected them to demonstrate an oscillator function and a week later produced an amplifier. This success was followed up by Texas Instrument's first commercial offering, the Type 502 Solid Circuit Microelectronic Binary Flip-Flop, and as "they" say, "the rest is history". For his efforts Jack Kilby received the Nobel Prize in Physics for his work in 2000.

However, Jack was not alone in his success with the integrated circuit concept as another gentleman at Fairchild Semiconductor Corporation named Robert Noyce was successfully completing his work on a silicon based integrated circuit. Both these individuals applied for patents in 1959. Noyce received patent # 2,981,877 and Kilby received patent # 3,138,743. Therefore, Robert Noyce is considered to be the inventor of the integrated circuit, but in truth it was a flat-out tie.

Jack Kilby, who passed away in 2005, holds patents on over sixty (60) inventions and is also well known as the inventor of the portable calculator (1967). In 1970 he was awarded the National Medal of Science. Robert Noyce, who passed away in 1990, with 16 patents to his name founded Intel, Incorporated, the company responsible for the invention of the microprocessor, in 1968. But for both men the invention of the integrated circuit stands historically as one of the most important innovations of mankind. Almost all modern products use chip technology.

James M. Brown
WB2EDO



April 2008



TRI-COUNTY RADIO ASSOCIATION EVENTS

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 8:30 PM SATERN NET 449.975 MHz	2	3	4	5
6	7 8:00 PM TCRA MEETING AT THE UNION ELKS "TBA"	8 8:30 PM SATERN NET 449.975 MHz	9	10	11	12 8:00 AM VE TEST UNION COUNTY COLLEGE CRANFORD
13	14	15 8:30 PM SATERN NET 449.975 MHz	16	17	18	19
20	21 8:00 PM TCRA MEETING AT THE UNION ELKS "TBA"	22 8:30 PM SATERN NET 449.975 MHz	23	24	25	26 9:00 AM VE TEST ROSELLE FIRE DEPARTMENT
27	28 9:00 PM TCRA ON THE AIR MEETING - NJ5R 147.255 MHz	29 8:30 PM SATERN NET 449.975 MHz	30			