



# YARC-MITTER



**NEXT MEETING SUNDAY MAY 18<sup>TH</sup>.**

**MAY 2014**

**THE OFFICIAL NEWSPAPER OF THE YONKERS AMATEUR RADIO CLUB**

## OFFICERS

**President** Mike Piccini KF2FK  
**Vice President** Gilbert Lugo Jr. K2YNY  
**Secretary** Nancy Piccini KC2VGG  
**Treasurer** Gary Tekulsky KC2NMM  
**Membership** Annmarie McCarthy KD2EOE  
**Trustee** Mike Paccini KF2FK

## DIRECTORS

**Effrem Acosta** W2CZ  
**John Nance** KC2EXA  
**Gabe Di Guglielmo** KB2MAR  
**Mitch Holmes** KC2PHD  
**Dav Landstein** N2EHG  
**Charles Lewis** W3IFX  
**Joseph Piccini** KC2TJO  
**Marc Eidelberg** WR2I



# YARC-MITTER

## MEETING LOCATION

## THE LOCATION, GRINTON

**WILL LIBRARY 1500**

**HT RAFFLE AT MEETING, 5.00 A TICKET**  
**CONTACT KF2FK, MIKE FOR TICKETS**

**YONKERS NY 10904**



D

**JOIN RENEW THE**  
**ARRL THRU THE**  
**YARC, THE CLUB**  
**GETS \$2.00 FOR**  
**EVERY RENEWAL AND**  
**\$15.00 FOR EVERY**  
**NEW MEMBERSHIP**  
**FOR DETAILS**  
**CONTACT WB2AUL**



**NEED HELP,**  
**HELP STUDY**  
**ING FOR UP-**  
**GRADE. GET**  
**IN TOUCH**  
**JOHN,**  
**WB2AUL, HE**  
**MIGHT BE**  
**ABLE TO**  
**HELP YOU**

**STUDY AND PASS YOUR EXAM. 914-969-6548**



# ***YARC=MITTER***

## **YARC NET SCHEDULE**

**MONDAY—730PM—**

**INFORMATION**

**NET\**

**K2JJ MODERATOR—146.865—**

**PL110.9**

**WEDNESDAY—800PM—**

**TECHNICAL NET\**

**WB2AUL MODERATOR—**

**146.865—**

**PL110.9**

**THURSDAY—800PM—JUNIOR**

**OPS**

**NET**

**KF2FK MODERATOR—**

**146.865—**

**PL110.9**

**SUNDAY—700PM—10 METER**

**NET—28.456MHZ—USB—**

**WB2AUL**  
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**PLEASE PAY YOUR DUES AT THE  
MEETING OR SEND THEM IN, WHICH  
EVER IS EASIER .**

**YONKERS AMATEUR RADIO CLUB**

**PO BOX 378**

**CENTUCK STATION.**

**YONKERS,NY 10710**

**GIL LUGO. K2YNY**

**33 TYNDALE PLACE**

**YONKERS N.Y. 10701**



**THE NEXT VE TESTING WILL  
BE HELD ON JUNE 1<sup>ST</sup>., AT 830AM .  
PLEASE BRING TWO FORMS OF ID. ONE ID  
MUST BE A PICTURE ID and A PHOTO  
COPY OF EACH TESTING IS HELD AT THE  
1ST PRECINCT ON EAST GRASSY SPRAIN  
ROAD IN YONKERS NY. FOR FURTHER**

## **RETIRED GUYS/GALS LUNCH**

**THE NEXT MEETING OF THE RETIRED  
GUYS/GALS WILL BE ,MAY 15, THURSDAY  
AT MONT OLYMPOS RESTAURANT IN  
YONKERS THE TIME IS 1200 PM NOON,  
YOU DO NOT HAVE TO BE RETIRED TO  
JOIN US EVERYONE IS WELCOME MEMBER  
OR NON MEMBER ALIKE ARE INVITED.  
FURTHER INFO CONTACT WB2AUL @9 1 4-  
969-6548**

## **FOX HUNTING**

**NEXT FOXHUNT WILL BE HELD AT TIBBETTS  
BROOK PARK,YONKERS NY ON SUNDAY MAY  
25<sup>TH</sup>, AT 900 AM. REGISTRATION WILL BE AT  
830 AM AT PARKING LOT 1,WHICH IS  
LOCATED AT THE BOTTON OF THE  
ENTRANCE TO THE PARK JUST RIGHT OF  
THE SECURITY BOOTH .**

## APRIL FOX HUNT PICTURES





## **APRIL FOXHUNT PICTURES**



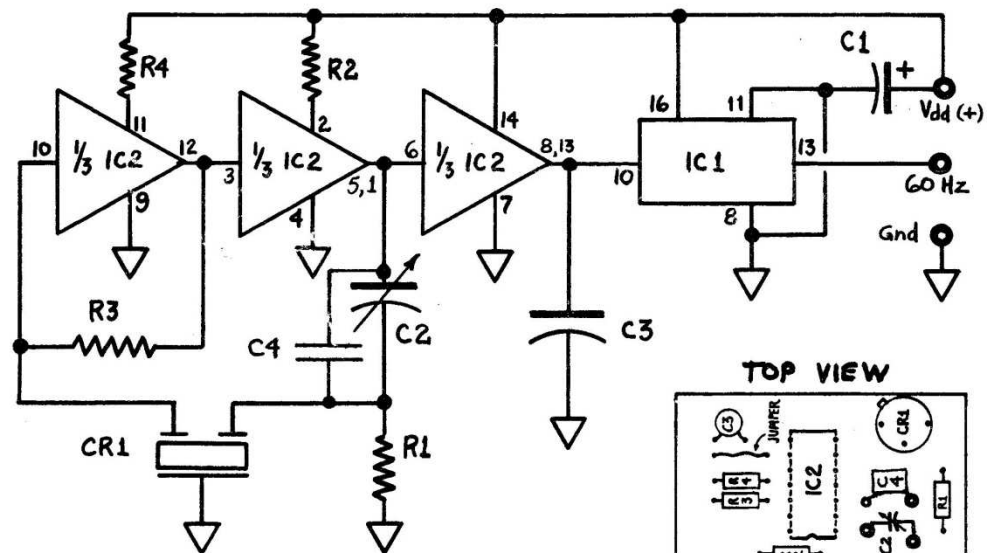
**WINNERS APRIL  
FOXHUNT**



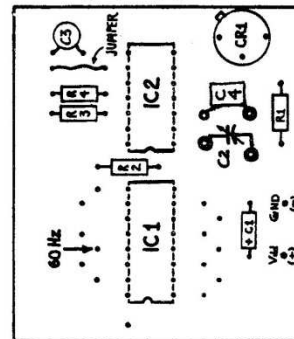
**NEXT FOXHUNT MAY 25TH**

# MICROPOWER CRYSTAL OSCILLATOR

Current drain less than 1 mA...5 to 15 VDC operation... .01 % accuracy...high stability + small size...compatible with most clock chips ...CMOS square wave output = .9 Vdd.....



TOP VIEW



Output frequencies available from IC1

Pin no.	Frequency
10	15.36 KHz
9	7.68 KHz
7	3.84 KHz
6	1.92 KHz
5	960 Hz
3	480 Hz
2	240 Hz
4	120 Hz
13	60 Hz
12	30 Hz
14	15 Hz
15	7.5 Hz
1	3.75 Hz

APPLICATIONS: AUTO DIGITAL CLOCKS+++PORTABLE CLOCKS++ STANDBY FREQUENCY SOURCE++ PORTABLE TIMERS+++PORTABLE FREQUENCY COUNTERS++MICRO-POWER FREQUENCY STANDARD++

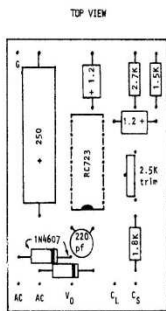
WORKS FINE WITH A STANDARD 9 VOLT TRANSISTOR RADIO TYPE BATTERY

C1	1.2 uf 35 VDC
C2	1.5 - 7 pf trimmer
C3	.005 disc
C4	5.1 pf
CR1	15.36 KHz
IC1	CD4040
IC2	CD4007
R1	1 Megohm
R2, R4	82 Kohm
R3	4.7 Megohm

**GODBOUT**  
BILL GODBOUT ELECTRONICS  
BOX 2355, OAKLAND AIRPORT, CA 94614

CALIBRATION: ADJUST C2 FOR 15.36 KHz ON PIN 8 OR PIN 13 OF IC2. USE A HIGH IMPEDANCE PROBE TO AVOID LOADING THE OSCILLATOR ---OR--- SET OSCILLOSCOPE SWEEP FUNCTION TO 'LINE' AND ADJUST C2 UNTIL WAVE-FORM FROM PIN 13 OF IC1 REMAINS STABLE ---OR--- LISTEN TO PIN 13 OF IC1 AND COMPARE TO AC LINE HUM. ADJUST C2 UNTIL BEAT NOTES DISAPPEAR.

artwork: Craig Anderson



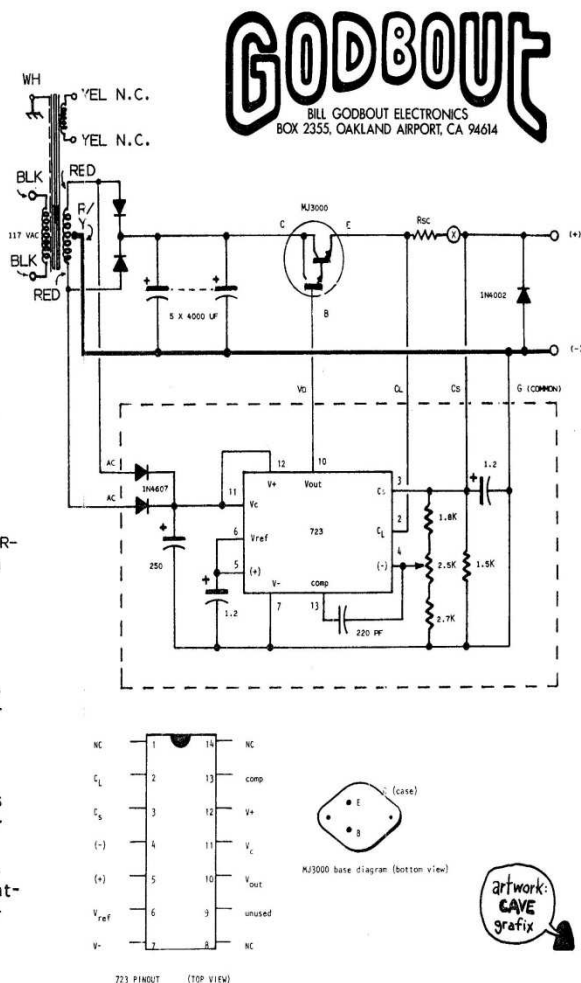
REGULATOR BOARD  
COMPONENT LAYOUT

#### NOTES

1. All capacitances in mfd. unless noted; all resistances in ohms.
2. Components inside dashed line mount on regulator circuit board.
3.  $R_{sc} = .1$  ohm (limits current @ 6.5A). To limit current @ 13A,  $R_{sc} = .05$  ohm or 2-.1 ohm resistors in parallel.
4. Supply delivers 6.5A continuous; 8A continuous with good ventilation; 10A intermittent (all figures @ 12 volts).
5. Trimpot adjusts output voltage from 11-14V.
6. 1N4002 mounts at output terminals - protects against transients and voltage reversal at output.
7. Fuse (optional) should install at point  $\otimes$ .
8. Use heavy gauge wire for negative buss. Floating rather than grounding the negative buss increases the supply's versatility.

# 12V 8A power supply

EFFECTIVE 4/1/75 ALL CURRENT RATINGS GOOD UP TO 13.6 V DUE TO HEAVIER-RATED TRANSFORMER.



**THIS POWER SUPPLY IS VERY SIMPLE AND CAN BE BUILT ON THE CHEAP. I HAVE BUILT THIS SUPPLY BACK IN 1975 AND ITS STILL GOING STRONG. K2JJ ALSO BUILT THIS SUPPLY BACK THEN. IN 1975 THIS KIT COST 19.95 FOR ALL THE PARTS ,MINUS THE CHASSIS AND WIRE. TRY BUILDING IT, IF YOU NEED ANY HELP GETTING PARTS OR PUTTING IT TOGETHER LET ME KNOW.**



**FOX HINTERS 1985**





**HAL PARKS**

**DOUG MCARTIN**

**WB2BNH**

**K2JJ\**

**DOUG IS THE VOICE OF THE  
MONDAY NITE INFO NET, THIS  
PICTURE IS FROM ONE OF THE  
MANY FLEAMARKETS WE  
HAD, DOUG WAS ABOUT 20 YRS  
OLD**



**Hope everyone had a nice Easter and Passover.**

**YARC – April 13, 2014**

**Minutes**

- 1. Pledge of Allegiance**
- 2. Roll Call**
- 3. Reports**
  - a. Treasurer Report – as of 4/13/14 The club Balance is \$1498.56**
  - b. Membership – 50 Paid Members as of 4/13/14**
  - c. Tech Report –none**
  - d. VE Testing - 3 new Hams 2 Technicians, 1 Extra (passed all 3 test). Next VE session 5/4/2014 please contact John WB2AUL if you would like help out as a VE or you would like to take a test.**
- 4. Old Business**
  - a. Trustee has been changed to Mike Kf2fk**
  - b. Still waiting for the Field Day permit. Efren w2cz will follow up with the rec department.**
- 5. New Business**
  - a. Fox Hunt 4/27**

- b. Discussed sending an email/postal letter reminder to members who have not renewed their membership for 2014**
- 6. Field Day**
  - a. Food – Discussion whether to eat earlier on Saturday afternoon than in recent years. Donations collected to cover food expenses**
  - b. Antennas – perhaps use a delta loop or a w5gi mystery antenna in place of the 40 meter trap dipole.**
- 7. 50/50 of \$18 was won by Chuck W3IFX, 2<sup>nd</sup> prize of the Extra Study Guide (Donated by Mike KG2AF) was won by Gil K2YNY**
- 8. Radio Raffle was won by Dav N2EHG (\$45 club profit), 2<sup>nd</sup> prize Hamvention Ticket and Parking Pass (Donated by Jerry W8JPP) won By Marcos KC2WQH**
- 9. Field Day Logging presentation by Marc wr2i**
- 10. Next Meeting 5/18/2014**

**73,**

**Nancy – KC2VGG**

**<http://yarc.org>**

**<https://www.facebook.com/groups/w2yrc/>**

**<https://twitter.com/W2YRC>**