



SHORT SKIP

A MONTHLY PUBLICATION OF THE
**LAKE COUNTY AMATEUR
RADIO CLUB, INC.**
W9LJ

March 2014, Issue 3, Volume 62

From Your Editor

Benjamin Straw, KC9UNS

I want to start by apologising about being tardy with Short Skip its becoming harder harder harder to find time to bring you a jam packed issue. This issue may be even a little smaller than the last.

One thing we would like to let you know about is that there is now a place on the internet where you can check and get updates concerning the repeaters if the should happen to go down. If you to <http://www.w9lj.org> and see the repeater chart, at the bottom there is a icon you can click on that will take you to a Facebook page with the status or you can go straight to <https://www.facebook.com/w9ljrepeaters>. You don't have to be a Facebook member to view the page, but those that are, probably will want to "like" it so it will show up in the feeds.

Some of you might of known we had a SK last month, Mark Stanek KC9QB passed on the 7th of February 2014 at the age of 55. Mark was a member of LCARC from 2009 - 2012 and is remembered for his love of Military and Motorola equipment.(Image Mark's Truck)

This year the plan is to get my new QTH one of the things on the list is to design my lounge/shack/studio/dungeon/lair/room/etc the way I want, depending on if I find a house that has a basement I'm thinking about about creating a storage system for all my parts I seem to never toss out,Some one on Facebook posted an unrelated video which then linked me to this really cool video of a guy who has created this computer storage system using lazy suesan's, have a watch <http://tinyurl.com/lazypartsystem>

Sometimes my brain just ruins everything and takes on mini vacations like an RFID(Radio-frequency identification) door lock... next idea for the shack right? well I want on some gun case/valt video watching binge and thought it would be cool is we had a gun case that opens with RFID card! And guess what someone made one! TheGunBox.com makes three models, one with just RFID, one that adds Biometrics, and one that has RFID, Biometrics and 24/7 GPS tracking! Race Car its a Palindrome! Sorry brain wanted to type. Anyway thought I would share some of the roads my brain goes down.

I didn't want to include this in the news portion if this newsletter so I'll add the link here The article is about how cuba is still at it with its spies and short wave radio <http://tinyurl.com/mzct5bb>

I can't remember is I had talked about this or not, As of the first of the year I found out that I needed to renew my LoTW Certificate. Unforchantly I found this out at 8am on a Saturday and If you have ever renewed you cert it can be a little bit of a pain if its a weekend. LOTW makes you wait till Monday to get your cert! Well when they sent it LOTW admin sends you username and password IN THE CLEAR. I sent in email back and haven't got a response, I know LOTW isn't a high risk site but who knows if they save your credit card number when ordering a WAS or DXCC that could cause a problem for some

UPCOMING EVENTS

Meeting

March 14, 2013

Lake County EMA Building
2900 W 93rd Ave. Crown Point, In.
General Meeting 7:30pm
Board: 6:30pm

Hamfest

Sat Mar 8, 2014

Terre Haute Hamfest and
Computer Expo
Dede Activity Center
Indiana State University

Sat April 5, 2014

AES Superfest 2014

Amateur Electronic Supply
5710 West Good Hope RD.
Milwaukee, WI

Net

LCARC Weekly Information Net
Clubs VHF & UHF Repeaters
Every Thursday @ 8pm

In this Issue of Short Skip

2. Meeting Minutes
- 3 - 4. Ham News
5. Best and Worst, ESD
6. RFI, Quits Hobby
7. Licenses?, Antennas

ARTICLES NEEDED!!!

If you have anything pertaining to amateur radio that you would like to contribute to, and share with others in Short Skip, we would be happy to include your offering in any future edition. Anything you would like. Hints and kinks, antennas, technical talk, operating tips, public service, classic radio, club activities, etc., would be heartily welcomed!!! All articles must be in by the 23rd of every month. Copyright rules and permission apply to all submissions. Please send your submission to:
KC9UNS / Short Skip Editor
kc9uns@gmail.com

I hope you enjoy this month's Short Skip as much as I did putting it together!



Richard WB9VRG
Carter KC9YGU
Dave KC9YKL

If we missed your birthday or get it wrong, please let us know

Meeting Minutes

Benjamin Straw, KC9UNS

Meeting called to order at 7:35 PM

Attendance: 12

Reading of Minutes:

The minutes of the previous board meeting read by Ben KC9UNS was approved as read.

Treasure Report:

Treasurer Report read by Jim KF9EX
Jim will be operating on the same budget as last year
Clubs insurance has been payed
Audit delayed and will announced soon
The clubs taxes have been taken care of

Old Business:

None

New Business:

JIM KF9EX reported he received a letter from the NWS saying they are getting ready to update lists showing the clubs 7000 machine as a liaison.

Program:

W9UM talked about operating Split
Ben KC9UNS played a video from DCC about digital voice.

Meeting adjourned at 8:30 PM local.



2014 Officers

President: KB9HO
Russ McComb

Vice President: WD9EZB
Bob Wiberg

Secretary: KC9UNS
Benjamin Straw

Treasurer: KF9EX
Jim Harney

Trustee: WV9O
Marv Boetcher

Directors

Bill Young N9QLS
Ken Brown KE9TC
Bob Nelms WD9FNY
Mark Skowronski K9MQ
John Gianotti W9WY
Carter Garcia KC9YGU

Editorial Staff

Editor-in-Chief KC9UNS
Benjamin Straw
(kc9uns@gmail.com)

Club Resources

W9LJ/R 147.000 + PL 131.8
W9LJ/R (St. John) 147.240 + PL 131.8
W9LJ/R 442.075 + PL 131.8
Repeater Nets
Thursday Night @ 8 pm:
LCARC Weekly Infomation Net

Meetings

March 14, 2014
BOARD MEETING
LCEMA OFFICE,
2900 93rd Ave
Crown Point (41.449555,-87.36893)
(Across from Gov. Ctr.)
6:30 p.m.

March 14, 2014
CLUB MEETING
2900 93rd Ave
Crown Point (41.449555,-87.36893)
(Across from Gov. Ctr.)
7:30 p.m.

LCARC is an IRS-certified 501(c)3 charitable organization and donations are deductible pursuant to the IRS rules. If you have working radio equipment and ancillary equipment that you can and wish to donate to the club, please contact one of the board members and we will be happy to talk to you about the process. Many companies will either grant or match employee's gifts to nonprofit organizations like LCARC. Please determine if your company is among these and contact a board member so we may help fund and grow LCARC. We cannot accept certain donations, and have to place some restrictions around them (no hazardous materials, nothing we could not sell, etc.). If you are interested, look me, or any other board member up at one of the meetings, or contact us via email (our addresses at the end of this newsletter)

AMATEUR RADIO NEWS

FCC Proposes To Fine Texas Radio

Amateur \$7000 for Malicious Interference: The FCC has issued a Notice of Apparent Liability for Forfeiture (NAL http://hraunfoss.fcc.gov/edocs_public/attachmat/DA-14-204A1.pdf) to James R. Winstead, KD5OZY, of Coleman, Texas, after determining that Winstead "apparently willfully violated" FCC rules by interfering with Amateur Radio communications. The Commission proposed a \$7000 fine. The action was in response to complaints from other radio amateurs of intentional interference on 7.195 MHz.

According to the NAL, released February 19, an agent from the Commission's Dallas Office on January 21 used direction-finding techniques to positively identify the source of the interfering transmissions as Winstead's address. After monitoring the transmissions from the station for about a half-hour, the agent heard Winstead, an Amateur Extra class licensee, "replay multiple times short sentences or conversations that had just been transmitted, and occasionally speak the word 'George.'"

"Mr Winstead replayed recorded conversations so frequently that other licensees were unable to complete their conversations," the NAL stated. The agent estimated that Winstead disrupted approximately 20 minutes of conversation over a 30 minute period by making up to 15 minutes of short transmissions. The agent subsequently inspected Winstead's station, observing that his radio equipment was tuned to 7.195 Mhz.

"During the inspection, Mr Winstead showed the agent how he recorded and retransmitted other amateur licensees' communications," the FCC said. "He also admitted that he intentionally interfered with amateur communications on 7.195 MHz and had an ongoing disagreement with another amateur licensee named George."

The FCC said the evidence in the case was sufficient to establish that Winstead had violated Section 333 of the Communications Act of 1934 and Section 97.101(d) of the FCC Amateur Service rules. Both sections prohibit willful and malicious interference to radio communications. Citing its Forfeiture Policy Statement and Section 1.80 of the rules, the FCC determined that Winstead was liable for a \$7000 forfeiture. "We caution Mr Winstead, however, that future violations of this kind may result in significantly higher forfeitures," the FCC stressed. Winstead has 30 days to pay or contest the fine.

On his QRZ.com page <http://www.qrz.com/db/KD5OZY>, Winstead describes himself as "an electronics technician for about 27 years" and a ham for about 12 years.

Source: The ARRL Letter
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Idaho Ham Seriously Injured in Tower Mishap

Robert "Bearpaw" Galindo, KE7ADT, of Athol, Idaho, was critically injured February 13 when the winching cable of his 40 foot crank-up tower snapped while he was working on the tower. Galindo, 52, a General class licensee and ARRL member, was reported trapped and dangling 20

feet in the air when rescue crews arrived at his home. His wife, Gail Perry, KE7ADN, witnessed the accident and called 911. The mishap resulted in the loss of Galindo's right hand and several fingers of his left hand.

Timberlake Fire Protection District officials reported that rescuers had to raise the upper tower sections to extricate Galindo. He was transported by helicopter to a hospital in Coeur d'Alene, where he underwent surgery. Galindo was listed in critical condition following the surgery and was expected to remain hospitalized for several days. -- Thanks to John Bigley, N7UR, Nevada Amateur Radio Newswire <http://www.nevadahamradio.com/>

Source: The ARRL Letter
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Icom ID-5100

Icom Japan just announced the release of a new D-Star DualBand Mobile Transceiver.

The new ID-5100 is a dual band mobile transceiver 144 / 430 MHz that will be released in the market (Japanese) in February 2014 in two versions ID-5100 20W and ID-5100D 50W.

The ID-5100 features include:

- A touch panel to allows intuitive operation as seen in the IC-7100.
- Nearest repeater search function in analog mode.
- Usage of the D-STAR function by using Android apps
- Support for Bluetooth with optional unit

At time writing only the Japanese Icom website is publishing the Icom ID-5100 release date on the two versions at the end of February 2014
Suggested Retail Prices:
Icom ID-5100D (20 Watt): \$779
Icom ID-5100 (50 Watt): \$828
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Portugal's Radio Amateurs Granted Temporary Access to 1850-2000 kHz for Contests

The Portuguese telecommunications regulator ANACOM <http://www.anacom.pt/> has granted <http://tinyurl.com/ANACOM-160m> radio amateurs temporary use of the extended 160 meter band segment 1850 to 2000 kHz to participate in several major operating events during 2014.

"The authorization for temporary use of 1850 to 2000 kHz may not be used for other purposes within the amateur service, nor any other radio services," the ANACOM announcement said.

Hams in Portugal may use that part of 160 meters to participate in the CQ World Wide 160 Meter Contest (CW); the ARRL International DX Contest (CW and phone); the CQ World Wide 160 Meter Contest (SSB); the CQ WW WPX (CW and phone); the King of Spain Contest (CW and phone); the IARU HF Championship; the CQ WW DX Contest (CW and phone), and the ARRL 160 Meter Contest.

Operations may not interfere with other radio services. ANACOM said the temporary grant does not infer any expectation regarding future

use of the band segment.

On 160 meters, hams in Portugal have access to 1810 to 1830 kHz with 200 W maximum EIRP, and 1830 to 1850 with up to 1500 W maximum EIRP. -- ANACOM

Source: The ARRL Letter
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AES Hack

The bottom feeders are everywhere, and I'm afraid that we're not immune. If you made a purchase from Amateur Electronic Supply between 9 January and 23 January via credit/debit card, check your statement. AES reports that "consumer information" from orders during that period had been "compromised". Not a lot else is known here as to point of attack or how many customers were involved.
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Scheduling an ARISS School contact

Hams in the United States are reminded that there is a new process for Amateur Radio on the International Space Station school contact proposals. For U-S schools to have an ARISS contact, they must fill out a proposal, submit it to NASA, and see if the school is selected. If so, it will be placed onto a future contacts list and a mentor will be assigned to assist the school in planning for the event. For more information contact the NASA Teaching From Space Education office by e-mail to JSC-TFS-ARISS (at) mail.nasa.gov.

Source: ARISS
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JVCKenwood Corporation to Acquire EF Johnson Technologies, Inc.

IRVING, TEXAS – January 31, 2014 – EF Johnson Technologies, Inc. announced today that JVCKENWOOD Corporation has entered into a definitive agreement to acquire the company from its current owner, Francisco Partners. The transaction is expected to be completed in the first quarter of 2014 subject to regulatory approvals and customary closing conditions. This pending acquisition is integral to JVCKENWOOD's overall strategic initiative to increase its focus on professional communications, especially the U.S. public safety market.

"This alliance brings key strengths together that will benefit our current and future public safety customers," commented Haruo Kawahara, chairman and chief executive officer of JVCKENWOOD. "We now have complete turnkey P25 infrastructure capability, mission-critical P25 radios with multiband capability and value-focused P25 radios for a wider range of customers. With this complete P25 product portfolio and our market-leading NEXEDGE® digital radio technology, we are poised to significantly increase our global market share in professional wireless communications." EFJohnson will continue to operate as its own company, but now with the backing of a large-scale, communications-focused parent. JVCKENWOOD will task EFJohnson to lead its overall corporate P25 initiatives, leveraging EFJohnson's P25 expertise and focus on mission critical quality products.
Continued on page 4

"For EFJohnson, our goal is to provide outstanding customer service and the most innovative products available in the marketplace," said Andrew Adams, chief executive officer of EFJohnson. "With this acquisition, EFJohnson now has the corporate scale to match the large competitors and ensures excellent support to our customers and continued development of new products for many years to come."

Raymond James & Associates, Inc. served as exclusive financial advisor to EFJohnson in connection with the transaction.

Dayton Hamvention Announces 2014 Award Winners

Two radio amateurs with close ARRL ties are among the winners of Dayton Hamvention 2014 awards. Hamvention will honor three Amateur Radio operators and one ham radio club for their "significant contributions to the Amateur Radio Service" when the annual, 3 day gathering gets underway May 16. Named Amateur of the Year is Larry E. Price, W4RA, President Emeritus of the ARRL and of the International Amateur Radio Union (IARU <http://www.iaru.org/>). ARRL CEO David Sumner, K1ZZ, will receive the Special Achievement Award. The Technical Excellence Award winner is David Freese Jr, W1HKJ, and the Club of the Year is the Gwinnett Amateur Radio Society (W4GR) of Georgia.

"We believe the winners have all made excellent contributions to the ham radio community," said Hamvention Awards Chairman David Crawford, KF4KWW, adding that the number of worthy nominees presented the Awards Committee with a tough task. "We were impressed with the quality of the nominations," he noted.

Hamvention Chairman Charles Kaiser, KD8JZR, praised the winners. "On behalf of the Dayton Amateur Radio Association (DARA <http://www.w8bi.org/>) and Hamvention 2014, it is my pleasure to congratulate this year's award winners," he said. "Please join me in recognizing the outstanding contributions and the many years of devotion the winners have given to the Amateur Radio Service."

Price served as president of the IARU from 1999 to 2009, and as ARRL president from 1984 to 1992. Hamvention's Awards Committee said Price's leadership "had significant and direct impact on the development of Amateur Radio throughout the world." Among his noteworthy achievements, the panel cited the protection of frequency allocations; the adoption of ITU Recommendation ITU-R M.1544 -- minimum qualifications of radio amateurs; the expansion of the 40 meter band in ITU Regions 1 and 3, and the allocation of new LF bands for ham radio.

As Special Achievement Award winner, Sumner was cited for his contributions to the international Amateur Radio community through the IARU and for his leadership in the fight against Broadband over Power Line (BPL <http://www.arrl.org/broadband-over-powerline-bpl>) interference to radio amateurs.

A Technical Excellence Award winner, Freese was recognized for his development and distribution of the Fast Light Digital Modem Application (fldigi) family of programs for use in amateur and emergency communications. Fldigi <http://www.w1hkj.com/Fldigi.html> is an easy-to-use, free, and open-source, multi-platform digital computer soundcard modem program for Amateur Radio.

The Club of the Year Award winner, the Gwinnett Amateur Radio Society, serves Gwinnett County, Georgia. The Gwinnett Amateur Radio Society offers several, well-rounded training programs for all ages. The club regularly hosts and supports Amateur Radio programs and participates in a multitude of public service events, the Awards Committee said. "Their last effort for Field Day was a massive effort that included eight stations," Hamvention said in announcing the awards. "Their TechFest is an opportunity for the community to become aware of the many modes of operation of radio amateurs and view some of the preparations taking place by public service volunteers in the ham radio community." The club also maintains a wide-area repeater system that is home to several nets.

Dayton Hamvention <http://www.hamvention.org/> 2014 will take place May 16-18 at Hara Arena near Dayton, Ohio.

Source: The ARRL Letter
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Morse Cheating

As most of us know cheating isn't new, but kids are getting more creative when it comes to cheating during an exam. wikiHow even created an article on ways to cheat (<http://www.wikihow.com/Cheat-On-a-Test>) But today, gadgets are getting more and more utilized.

An application has been made available for the iPhone which is built solely for cheating. The application will relay recorded answers and pass it to you via vibrations. The way the app communicates with its users is through Morse codes.

Many students are reported to have used the app and claims that it works. It is as simple as keying in key topics, terms and phrases that will assist users completing the exam.

The funny thing is, students are willing to make an effort to learn Morse code instead of learning on the subject of their test. As most of you know morse code is not a walk in the park. It takes some time to master the way of communication and these students were able to achieve it. Those students might have got away with it this round but since this way of cheating is coming to light, perhaps schools will look to ban smartphones in an examination hall. The app is available on Apple Store at the moment and those who are curious can try it for themselves.

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Idaho Ham seriousl injured in tower repair accident.

Robert Galindo, KE7ADT, of Athol, Idaho, was critically injured when the winching cable snapped while he was working

on his forty foot crank-up tower resulting in the loss of his right hand and several fingers on his left hand.

The 52 year old Galindo, who goes by the name of BearPaw was trapped and left hanging 20 feet up in the air when rescue crews arrived at his home. The accident, which occurred on February 14th was witnessed by his wife Gail Perry, KE7ADN, who called for the emergency assistance.

Multiple agencies responded to her 911 call, with help arriving in under a half hour. Timberlake Fire Protection District officials say that it took rescuers another 20 minutes to raise the upper tower sections and to extricate Galindo.

KE7ADT was then transported by a Life Flight helicopter to the Kootenai Health Center in the city of Coeur d' Alene.

There he underwent more than 4 hours of surgery and at last report we have was that he was listed in critical condition following the operation.

Source: AR Newslne
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WLS Chicago faces \$40000 fine

A proposed \$44,000 fine issued against legendary Chicago broadcast station WLS-AM has now progressed to a forfeiture order.

The case began in 2009 when the Enforcement Bureau received a complaint that the station aired a program on behalf of the Workers Independent News without making it clear that the program was an ad, rather than a news story. In its response, WLS told the commission it aired several ads of various lengths, promotional items, a pair of two hour programs and an additional half hour program on behalf of the group. The station claimed that all of the ads referenced Workers Independent News and identified the narrator, but admitted that it did not specifically statethat the program material was sponsored, paid for andprovided by the group.

WLS asked that the proposed fine be reduced to \$4000. It asserted that the FCC mechanically applied the base fine to the 11 times the ads aired, which raised the fine to the \$44.000 level.

The station also blamed the incident on inadvertent employee error which the company says has now been corrected.

But in denying the request the FCC noted that it has the authority to fine a licensee up to \$37,500 for each violation of the sponsor ID rules or for each day of the violation occurs up to a maximum of \$375,000. It went on to say that it can find no legal basis on which to reduce the amount noting that inadvertent employee errors are not justification. As such the FCC said the proposed amount stands and the commission directed WLS to pay within 15 days of the date it issued its decision.

Source: AR Newslne

Repeater
Mark K9MQ

Starting on January 1, 2014, the LCARC has entered into a memorandum of understanding with the National Weather Service of Chicago, to allow them to use the LCARC 147.000 repeater as a liaison repeater for Skywarn nets in Lake, Porter, Jasper, and Newton counties. Skywarn nets in those counties will report severe weather back to NWS Chicago. Whenever there is a watch and/or warning in effect for any of the above mentioned counties, you need to stay clear of the 147.000 repeater. During severe weather, the only traffic that should be heard on 147.000, should be between the National Weather Service and the person who has been designated by their local county Skywarn net to relay traffic back to the NWS. NWS Chicago scans many ham repeaters and it's vital that the repeater stay silent unless they are being called with a report. If you have a report of severe weather, you need to report it via your counties local Skywarn net (146.700+ 131.8 for Lake County) and they will then determine if it needs to be relayed. When 147.000, is tied up due to severe weather, you are still welcome to use 442.075+131.8 or 147.240+ 131.8 for rag chewing.

ARRL membership: Is 25% asking too much?

Dan Romanchik, KB6NU

In the March 2014 issue of QST, ARRL CEO Harold Kramer, WJ1B, makes a big deal of the fact that ARRL membership is now up to 162,200 members and is growing at a rate of about 1% per year. After patting the ARRL on the back about this, WJ1B launches into a discussion of the different programs that WJ1B feels have contributed to the membership growth.

Let's take another look at the numbers, though. As the editorial points out, 10,300 ARRL members are international members, meaning that 151,900 U.S. hams are ARRL members. Another article in the March issue, "New Licenses," notes that the total number of licensed radio amateurs at the end of 2013 was 717,201. If you do the math, you'll find that only slightly more than one in five licensed radio amateurs are ARRL members. I personally don't think that's so hot, and it's certainly not worthy of all the self-congratulation going on in this editorial.

The licensing article also points out that "the amateur radio population in the US grew by slightly more than 1 percent last year." That being the case, ARRL membership has grown at about the same rate. If all the programs noted in WJ1B's editorial were so effective, wouldn't you expect membership growth to be at least 2%?

I've said this before, and I'll say it again. I think the ARRL should set a goal to enroll at least 25% of licensed radio amateur as members. I think that this is achievable, and it seems to me that any group calling itself "the national organization for amateur radio" should have at least one in four amateur radio licensees as part of its membership.

What do you think? Is reaching 25% asking too much? If you think I'm right, please reach out to your ARRL division director and tell him so. More members would mean that the ARRL could deliver more services and have more clout in Washington. That sounds like a good thing to me.

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When he's not worrying about ARRL membership, Dan, KB6NU enjoys working CW on the HF bands, teaching amateur radio classes, and building kits. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.Com or e-mail cwgeek@kb6nu.com.





Support This Newsletter By Supporting The LCARC

JOIN TODAY

Visit the Lake County ARC on the web at <http://www.w9lj.org>

Lake County Amateur Radio Club Membership Application

Please complete this form and return mail (address below) with your dues. Make all checks payable to the *Lake County Amateur Radio Club*. You may also return this application at one of our club meetings, held the 2nd Friday of each month at the Lake County Department of Homeland Security Office, 2900 W 93rd Ave, Crown Point, Indiana

If you want a receipt and ID card mailed to you, send a SASE. You may also pickup your card at a regular club meeting.

Lake County Amateur Radio Club — PO BOX 90 — Crown Point, IN 46308-0090

Name	Call	License Class	Birth Month

Address			
City	State	Zip	Phone

E-Mail Address _____

DUES ENCLOSED (please check one — also indicate if you are an ARRL Member) ARRL Member

Full (\$25) Family (\$30) Associate—Non Ham(\$10) I wish to make an **ADDITIONAL** donation of \$ _____

Name	Call	License Class	E Mail	Birth Month

First time members AFTER June 30, membership fees for the remainder of the year are 1/2 the fees listed above.