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New 60m Amateur Band Becomes Available

Per The ARRL Letter, Volume 22, No. 23, dated June 6, 2003. A new 60m band becomes available to US amateur radio operators midnight local time on July 3. It will be secondary to federal government users. The only permitted mode will be USB phone emissions (2K8J3E) and maximum power at 50 W ERP.

A typical half-wave dipole is considered to exhibit no gain; therefore, 50 watts output power would yield 50 watts ERP if feedline and other losses are not considered.

tion scheme by General and higher class licensees. Users of 60 meters should set their transmitted carrier frequency 1.5 kHz lower than the channel-center frequency.

Five discrete 2.8 kHz wide channels, centered on 5332, 5348, 5368, 5373 and 5405 kHz, can be operated on a limited channeliza-

"ARRL Laboratory Manager Ed Hare, W1RF1, says hams need to be very careful if they're considering modify-

(Continued on page 2)

Special points of interest:

- Your articles wanted for the newsletter.
- Field Day Weekend 2002 is on June 22 and 23. Mark your calendars, come out and operate/fellowship with your colleagues!
- Review changes to bylaws and be prepared to discuss and/or vote at July meeting.

President's QSO

TARS Field Day held at Mission San Luis, June 28 and 29

Field Day coordinator was Shaun Hancock (AF4OO). Four stations were active: HF SSB, CW, GOTA,

and VHF/Satellite. Station Captains were Ken Decoteau (KG4DXH), Shaun Hancock (AF4OO), myself (AD4E), and Randy Pierce (AG4UU). FCC exams were given on-site Saturday by

Alan Terrell (N4KGT) with VE's Jim Thayer (KS4JW), and Phil Ashler (N4IPH) assisting--thanks guys! Several new hams were licensed, and several upgraded too. TOSRV T-shirts

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VP's Corner

No column for June.

Meeting Minutes—June 2003

Meeting convened at 7:04. There were 21 in attendance.

Program:

Elections.

Treasurer's Report:

Savings balance: \$3382.72
Checking balance: \$151.78
Expenditures: \$278 for repairs to the 147.03 repeater system.

Testing Report:

Field Day testing session on Saturday June 28 @ 4:00 pm. The next regular testing session will be held Tuesday, July 1, 2003 at the regular testing site. More information can be found on <http://www.k4tlh.net/testing.htm>.

Repeater Report:

Randy Pierce KC4YWP reported that the original receiver for the .03 machine has returned, and that was the \$278 repair spoken of earlier in the meeting. All other systems appear to be working. The 442.85 machine will be taken down next week for installation of a controller.

Inventory:

Steve Welsh (AD4E) reported that he has a preliminary inventory of some of the club-owned gear. Steve was also furnished with a list of repeater components by Randy Pierce (AG4UU). Kent Hutchinson (KC4TOC) agreed to furnish a list of the remaining club-owned equip-

ment by Field Day weekend.

Field Day:

Shaun Hancock (AF400) provided an update on Field Day activities. Much discussion ensued about food, and various possibilities on what meals will be furnished. Kent (KC4TOC) advised that we will be able to enjoy the use of the house which we had the several years ago at Mission San Luis. Randy (AG4UU) mentioned that he might be able to acquire the ARC portable building which we enjoyed at last year's event. Brett (KG4KLR) mentioned that he would try to provide some publicity via cable

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New 60 Amateur Band Becomes Available

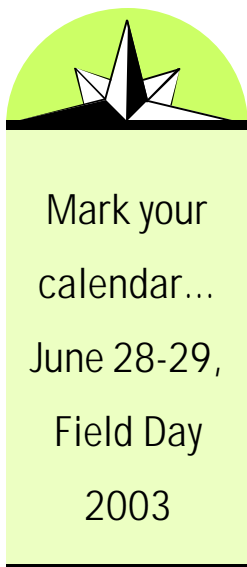
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ing their current transceiver or transmitter for 5 MHz. The ARRL advises that members check with the appropriate equipment manufacturers regarding specific modification informa-

tion. Some modifications not only may void the warranty but could affect or alter a transmitter's operation in unpredictable ways."

If you desire additional information on

this, go to the Federal Register for June 3, 2003 at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-13781.pdf>



Meeting Minutes—June 2003

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channel 16 and/or 21 by showing some static screen graphics periodically.

Hurricane Awareness:

There will be an event at Home Depot next Saturday at both Tallahassee locations. Operators are needed to come out and showcase Amateur Radio to the public. This is a great opportunity to introduce Amateur Radio to people and perhaps get some children interested in the hobby, as there will be children's bird-house building workshops going on.

Elections:

The slate of nominations were as follows: President—Brian Dunworth (KG4OJA), Vice President—open at time of meeting, Treasurer—Carlton Wells (AG4UT), and Secretary—John Love (NZ4QJ). Nominations from the floor for Shaun Hancock as VP were accepted. The slate of nominated officers passed by a majority vote for each office.

Equipment Donations:

Following elections, Randy Pierce mentioned that since TMH lost EMS, they

have requested the removal of the 444.4 repeater. Rnady has volunteered to keep the 444.4 MHz frequency pair "alive" for future use.

Carl also mentioned that he has worked to refurbish a 40-foot crank up tower in his back yard, donated by the FAMU/FSU School of Engineering. The club is exploring the idea of mounting this tower to a trailer for portable use.

Meeting adjourned at 8:52 p.m.

The Ten Commandments of Electronics

1. Beware of the lightning that lurketh in an undischarged capacitor, lest it cause thee to be bounced upon thy bottom in a most undignified manner.
2. Causeth thou the switch that supplies large quantities of juice to be opened, yea, turned firmly off, and thusly tagged, so thy days may be long in this world.
3. Proveth to thyself that all circuits that radiateth, and upon which thou worketh are grounded, lest they lift thee to high-frequency potential and cause thee to radiateth also.
4. Take care thou useth the proper method when thou doth take the measure of high voltage circuits, so that thou doth not incinerate both thee and thy meter, for verily I say unto you: though thou are worthless, having no account number, and canst be easily replaced, the meter doth have an account number, which will bringeth much woe upon the inventory.
5. Tarry not among those who engage in intentional shocks, for they are surely unbelievers, and are not long for this world.
6. Take care thou tampereth not with interlocks and safety devices, for this incurth the wrath of thy seniors, and bringeth the sound and fury of the safety officer down upon thine head and shoulders.
7. Worketh thee not upon energized equipment, for if thou dost, thy buddies wilt surely be buying beer without thee, and thy space at the bar will be filled by another.
8. Verily, verily, I say unto thee: never service high voltage equipment alone, for electric cooking is a slothful process, and thou mayest sizzle in thine own

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Please submit your articles and announcements to the newsletter editor by the 15th of the month... info on back.

President's QSO

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were available for those who had not picked theirs up.

Net Control Stations are needed for both ARES nets held on 3950 KHz. Contact Ivan Cook (K4SRB) if you can assist. The nets are held at 9:00 a.m. and 7:30 p.m.

Material for the newsletter is requested. Equipment reviews are ALWAYS welcome; new or vintage gear, it doesn't matter. Please share with us your experiences with any ham radio equipment. Concerning meeting programs, does anyone know a Chief Engineer of a commercial AM, FM, or TV station who could get us a tour of a transmitter site?

Thanks to Carl Hayes (NN5I) for repairing a rotator that belongs to the club.

In case you weren't with us at our June meeting, we held our elections, and a new slate of Offi-

cers was voted in.

Our new President is Brian Dunworth (KG4OJA); Vice-President: Shaun Hancock (AF400); Treasurer: Carlton Wells (AG4UT); and Secretary: John Love (NZ4QJ). What an outstanding lineup! Congratulations to these folks for stepping up to the plate to volunteer their time and efforts for our Club!

When I came on as President a year ago, my primary objective was to grow the club. At that time, we didn't have a roster, but our treasurer estimated 50 members. We now have 81 members on the roster. My personal goal was 100 members, so this is a good start. I'm confident this goal can be attained with a little more publicity and outreach.

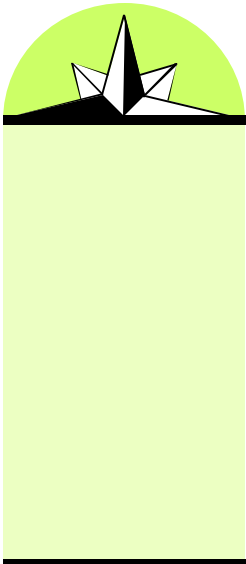
We accomplished many things over the past year. Besides experiencing an increase in membership, our web site, www.K4TLH.net,

was revamped, and membership dues were reduced to \$15. Membership for students is still free. We also increased our presence at the National Weather Service Office, the American Red Cross, and especially at the State EOC where our new President *works!*

One area that I'd like to see more activity in is youth recruitment. The recent public displays that our group and the Wakulla group put on at both Home Depot's for "Hurricane Awareness Day" (June 7) was a superb example of getting the word out.

Another area concerns the Club's inventory. I think its important for club members to know what they own. For example, while working with our Field Day coordinator Shaun Hancock (AF400), we wondered if the club had in its possession (and where to find) a gin-

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President's QSO

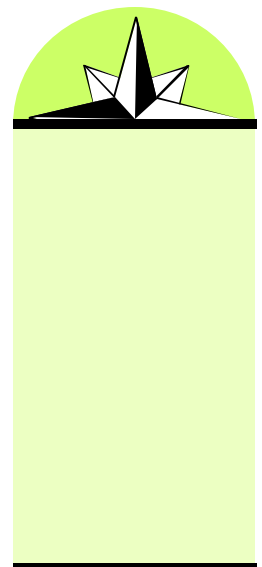
pole and climbing belt, extension cords, an "EZ-Up" canopy, coaxial cable assemblies, and so-on. Currently, an inventory is being compiled. Once this is completed each item should be reviewed with respect to it being held or sold, with this review being done annually. In the future, serious consideration should be given to ANY item before being purchased or accepted as a donation: Is the item something we REALLY need? How often would it be used? Where will it be stored? Who will maintain it?

If TARS is going to own property, then we need to keep track of and maintain this property as necessary. In discussion with officers of other radio clubs, I was surprised to find that they carry NO inventory! That is, their only assets are a few items used for Field Day. And that's pretty simple.

Lastly, I've had fun serving as President and working with all of you. Special thanks go to David Heupel (WE4RA) for all his hard work over the past year as club Secretary, Webmaster, Newsletter Editor, and

Membership Chairperson. Hopefully a strong platform has been setup for the new officers of 2003-2004, and TARS will reach new heights.

73 and c u on the air,
AD4E



The Ten Commandments of Electronics

fat for hours on end before thy Maker sees fit to end thy misery and drag thee into his fold.

- 9. Trifle thee not with radioactive devices and tubes lest thou commence to glow in the dark like unto a lightning bug.
- 10. Commiteth the works

of the prophets to thine memory, which are written in the instructional manuals, for they whilst giveth thou the straight dope, and consoleth thee, and thou wilt maketh not boos.

And of course the 11th commandment:

- 11. Be thou not afraid to asketh stupid questions, for verily they are cheaper than stupid mistakes.

From: Canadian Forces Base Cold Lake



Amateur Radio
Around the
World

We're on the Web!
<http://www.k4tlh.org>



<http://groups.yahoo.com/group/tars>

Your Officers

President:

Brian Dunworth, AI4AI

Vice-President:

Shaun Hancock, AF400

Treasurer:

Carlton W. Wells, AG4UT

Secretary:

John Love, NZ4QJ

Upcoming Events

Testing Session:

2:00 p. m. EDT on June 22, 2002, at the Field Day site location on Dupree St in Tallahassee.

TARS Meetings:

Every first Thursday of the month at 7:00 p. m. EDT.

Friday Lunch: Every Friday, 11:30 a. m. EDT at Golden Corral on North Monroe St.

Saturday Breakfasts:

Every Saturday, 8:00 a. m. EDT at Golden Corral on N Monroe St.

Capital District ARES

Net: Every Sunday, 8:00 p. m. Eastern on the AE4S repeater (146.655).

North Florida ARES

Net: Every morning, except Sunday on 3950 KHz at 9:00 a. m. Eastern.

North Florida Phone

Net: Every evening, on 3950 KHz at 2330 UTC.

Editorial Policy

Submitted material received by the editor from dues-paying members in good standing, on or before the 15th of the month will appear in the following month's newsletter as space permits. Articles published in *The Printed Circuit* are not representative of the views or opinions of the whole organization, and such views and opinions are of the individual author(s). Currently, the editor is David A. Heupel, KG4ACF.