



## Field Day Status – As of May 29, 2002

by Steve Welsh, AD4E

### Inside this issue:

President's QSO	1
Field Day Status	1
VP's Corner	2
Monthly Meeting Minutes	2
Emergency Operating	5
Changes to TARS Bylaws	6
Upcoming Events	10

**F**ield Day will take place June 22 & 23 at San Luis Mission Park. The park is located off Mission Road, very close to Ocala & West Tennessee Streets. A site-survey is scheduled for Saturday, June 1, 10:00 a.m. Talk-in on 146.655 PL=94.8 Hz & 146.52.

FCC exams will be administered 2:00 Saturday on-site. Please bring your original license, a

photocopy of your license, any previous licensing credits (CSCE's with a photocopy of them) & personal identification. A fee of \$10 is required. Alan, N4KGT, is our local VEC.

Kent Hutchinson, KC4TOC, worked with the City of Tallahassee to proclaim the week of Field Day as "Amateur Radio Week". Mayor Scott Maddox signed this Proclamation.

Kimo, K4IMO (nice call! ex-WD4HWJ) will be

handling several activities associated w/bonus points. These include copying the W1AW bulletin, providing contacts using special modes such as Amateur Television (ATV) & digital modes (i.e., APRS, SEDAN & packet). He is also working to have several local Emergency Management officials attend.

Tom Brooks, K4TB, has once again volunteered to assemble a station to capable of communicating. *(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

**A**s you know, we are now in Hurricane Season, which runs through November 30th. Take a few moments to make sure all your radio gear and emergency power sources (batteries, generators, solar panels, etc.) are in proper work-

ing order. If you have general-class operator privileges, or higher, contact Dave Davis, WA4WES, to get on the list for being an HF-VHF gateway operator in the event that a weather emergency threatens Florida.

If a hurricane threatens the US or Caribbean this

season, you can usually follow the action on the Hurricane Hunter's net on 7245 KHz. Other nets of local interest are listed on the back cover of this newsletter. Be sure to tune up and check in occasionally.

Now is also a good time to inspect your VHF(/) *(Continued on page 4)*

## VP's Corner

No column for June.

## Meeting Minutes—May 2002

Meeting convened at 7:08. There were 15 members and 1 guest in attendance.

David Heupel KG4ACF announced that the April/May newsletter will go out the following weekend. The next meeting date will be moved from July 4 to July 11.

### Program:

The program was deferred to next month.

### Treasurer's Report:

No significant change to the treasury.

### Repeater Report:

Randy Pierce KC4YWP reported that a digi repeater will be going up on 145.01. The 442.85 machine is up. There are no shuttle launches coming up. Will need a working

party the weekend of May 11 to replace the Diamond antenna. Not sure if the Blairstone site is on a generator or not but he's planning to put a UPS at that site, too.

### Special Event Committee:

No activity to report from the committee. Rhett White KB4CTV, and Carl Hayes, NN5I, announced an Experimental Aircraft Association (EAA) Chapter 445 Fly-in of experimental aircraft at the Quincy Airport on May 18.

### TOSRV Post-mortem:

Brett Wellman KG4KLR, provided certificates to the TOSRV volunteers. He also announced that TARS needs to send an expression of appreciation to Mr.

Stewart for the use of his field for the base station. We'll also need to check next year to make sure the property is available.

### Nomination's Committee:

Not much action yet. Volunteers should contact Randy Pierce, KC4YWP.

### Field Day Update:

Steve Welsh AD4E noted that Kimo has volunteered to help with bonus points. Still need to coordinate with Brett and Kent KC4TOC on PR work. Kent said that he's working on getting a proclamation and he's trying to get Jeb Bush to come and make contacts to his family.

Meeting adjourned at 8:15 p.m.

## Field Day 2002 Update

*(Continued from page 1)*  
ing with amateur satellites in space. A Yaesu FT-847 will be used.

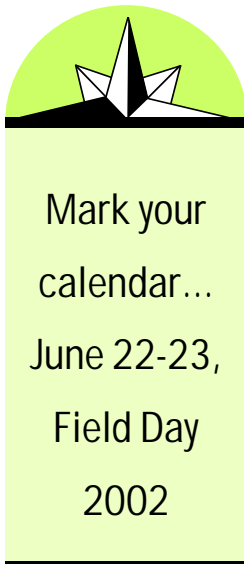
The Club has purchased a used, 10-meter four-element yagi for 10 for

\$100. The yagi is a Cushcraft 10-4CD. Its complete, in very good condition & includes the manual. Forward gain is rated at 10 dB over a ½-wave dipole. This antenna will be used with our

GOTA station (see below) & an Icom IC-718 radio.

Grub for field day will be decided at the June meeting by a majority vote. Choices include Banjo's,

*(Continued on page 3)*



## Field Day 2002 Update

*(Continued from page 2)*

Jim & Milt's, & of course, Papa John's! Assistance is still very much needed for this committee to help w/ miscellaneous items including drinks, ice chests, breakfast for Sunday & so on. Please contact me if you can help.

Ken Reecy, AC4TO, will be our VHF station captain. The focus will be on six-meters, and he needs operators. An Icom IC-706MkIIIG will be used with a five-element yagi.

Carl Hayes, NN5I, has put forth a significant effort towards preparing TARS for this year's Field Day. He has single-handedly revived an older triband antenna that was donated by Alan Terrell, N4KGT. Although this antenna was near complete as donated, a couple of small parts were either missing or deteriorated. Being the crafty person he is, Carl located the parts needed & machined them as needed to render the antenna ready for action come June 22 & 23. Although Russ Wood, WA4DZL, had offered some of these parts for use too, they weren't needed in the end. A big thanks to Carl & Russ!

David Heupel, KG4ACF, will be coordinating the logging and submission of all contacts made during Field Day. This is no small

task as it involves providing laptop computers & software for four stations (two HF, VHF, & GOTA). Ensuring the integrity of each station's logs & their submission for scoring is a real responsibility.

Bill Lueck, KF4KHJ, & Shawn Wilson, KG4GXU, will co-captain our Get On The Air (GOTA) station. The ARRL has replaced the "novice-technician" station with the GOTA category. It will operate under a different call sign from K4TLH. Although its purpose is very similar to its predecessor, the GOTA category offers more flexibility since it can operate anywhere that the license class of the call sign allows. A maximum of 400 contacts may be added to the K4TLH overall entry.

Tom Brooks, K4TB, and Randy Pierce, KC4YWP, will be co-captains of our 40/15 meter station. Ted Zateslo, W1XO, and yours truly will be co-captains of the 20/10 meter station.

Brett Wellman, KG4KLR, and Kent Hutchinson will be coordinating our Public Relations. Please contact Brett or Kent if you would like to help them "get the word out".

Carl Hayes and David Heupel will be providing the emergency generators to power our operation.

Volunteers are also needed to **simply stop by & operate!** Without folks coming by to say hello & make a few Q's, there wouldn't be a Field Day. Also, ask your co-workers, friends & neighbors to stop by. Share with them what a wonderful hobby Ham Radio can be. More information is available at [www.arrl.org](http://www.arrl.org) and [www.k4tlh.org](http://www.k4tlh.org). Also, you may contact me at [ad4e@arrl.net](mailto:ad4e@arrl.net)

### ***Field Day T-Shirts & Pins***

An order to the ARRL will be submitted in mid-April for ARRL-designed T-Shirts & (hat) Pins. The logo is depicted on page 110 of the April QST or on-line at [www.arrl.org](http://www.arrl.org). The commemorative 2002 design symbolizes this year's new Field Day rule that includes the participation of all of North and South America. T-Shirts are \$13, & Pins (3/4" x 1") are \$5. Contact Steve Welsh if interested.

### ***Log-Periodic Antenna to be Donated to TARS***

Jim Rozelle, WB4GTY, has graciously donated this antenna to TARS. The antenna is located in Indian-Head Acres & is still on top of his tower. Because of its large size & weight, it

*(Continued on page 4)*



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

## Field Day Update

*(Continued from page 3)*

has been suggested the club sell the antenna & deposit the proceeds into our treasury. Smaller, more portable & practical antennas could then be purchased. A work crew is needed to accomplish this. Please contact Steve Welsh, AD4E, if you can help as "ground crew" as he will be the tower puke!



Governor Jeb  
Bush declares  
June Amateur  
Radio Month  
in the state of  
Florida.

## President's QSO

*(Continued from page 1)*

UHF) jump-kit. If a severe weather emergency situation arises locally, your assistance may be required at a Red Cross shelter, homeless shelter, food bank, or other served agency. A properly equipped jump kit should contain: a 2-meter (or dual-band) HT (or mobile radio), with a spare battery (or battery pack), battery charger or spare cells, a few common PL-259 adapters to fit your specific radio, and other common adapters, as well as a coax jumper or two, and a couple of PL-259 barrel couplers. You might also want to include other accessories in your jump kit such as a pocketknife, flashlight (w/ spare batteries) commercial FM radio, weather radio, small first-aid kit, various spare wire/

coax, a soldering iron & solder, headphones for your radio/HT, or anything else you might think would be useful in an emergency deployment. The idea is to have something you can quickly grab, and be out the door without worrying if you've forgotten something, in case you get called for assistance. I've found that those water-resistant, molded ABS plastic toolboxes you can get at Big Lots for about \$15 are the perfect jump-kit boxes to use in our climate.

I want to finish out my column this month by thanking everyone for putting their confidence in me. It has been a pleasure and a privilege to lead TARS. I have learned much about amateur radio, and group dynamics over the past

two years as your president. I look forward to continue serving the Society as the editor of *The Printed Circuit*, however, I need a break, and will not be seeking re-election as president. I am, however, still at your disposal should you think I can assist you in any way - just give me a call, or send me an e-mail.

73,  
David

# Proper Emergency Operating Technique

By Steve Welsh, AD4E

While providing radio support during an emergency, the need for efficient & accurate communications is vitally important. With the hurricane season upon us, the following operating techniques (especially with respect to repeater operation) can help us achieve this goal:

1. Listen, listen, & listen some more. Certainly, we all get pumped-up during an event. The adrenaline is there. How else could we pull those long shifts?! However, its so important to listen for stations that may need to provide information, or break-in with an emergency. So, a brief pause between transmissions is important. If you wait for the courtesy tone, that is sufficient time for another station to break in if they need to. Its also important to keep the "pace" of communications at a consistent (non-hyper) rate.

2. Confirm that your radio is working properly. The goal here is to have our radio equipment in perfect working order—especially transmit audio. Clear audio will significantly improve communications efficiency. Periodically, ask for a report on how your radio sounds. Often times, speaking more quietly will enhance intelligibility; or,

possibly a simple adjustment to increase microphone sensitivity (transmit deviation) will provide a real improvement too.

3. Wait briefly for repeater system electronics, hand-held battery save circuits, and scanning units to engage before speaking. Upon initial repeater transmission, approximately 100 to 200 milliseconds (one-quarter second) is required. This is especially applicable to systems that are "linked" or using remote receivers. No one will steal your microphone!

4. Don't acknowledge open microphones or malicious interference. More often than not, acknowledging these poor operators (LIDS) only exacerbates the problem—attention is what they want!

5. No need for "over" & "go-ahead". In most cases, its clearly evident when a station stops transmitting. On VHF, the courtesy tone serves this purpose.

6. No need for "WA4XYZ back on frequency". Unless there is some special reason to alert someone of your return (such as to pickup more traffic), there is no need for this. If someone needs you, they will call you and your presence (or not) would then be obvious.

7. No need for "WA4XYZ on 655". Unless there is a special need for this, its unnecessary.

8. Drop "this is". It will be obvious who you are by your call sign. You may want to consider un-keying the microphone between sentences to confirm that no one is talking simultaneously (doubling) with you.

9. A single call to a station should be adequate. For example, "WA4XYZ, N4ABC" or "WA4XYZ this is N4ABC" is preferred over "WA4XYZ, WA4XYZ, this is N4ABC". If they don't respond to the first call within a short time, a second call may then be warranted.

10. No need for "WA4XYZ clear". This serves absolutely no purpose whatsoever.

The underlying theme to all this is to keep the frequency open and be efficient with your communications. Speak clear & at a reasonable rate. Unless you have important information, (e.g., a weather report) to pass along or are being called, there is no reason for you to be transmitting. Also, less chit-chat means less listener fatigue. Although our hobby is called amateur, we can be professional in our technique.



Many thanks to  
Jim Rozelle for  
donating a KLM  
brand HF log-  
periodic antenna  
to the club...

## Proposed Changes to the Bylaws of the Tallahassee Amateur Radio Society

Please refer to the April/May 2002 edition of *The Printed Circuit* for a complete copy of the current bylaws in effect for the Society. The following changes proposed below are indicative of motions passed at meetings over the past several years and before. This formal update of our bylaws is way overdue. Please read the proposed changes, and be prepared to discuss these, and perhaps vote upon them at the July meeting.

Text shown in red is text to be deleted. Underlined text is to be amended.

The April/May 2002 edition of *The Printed Circuit* can be found on the web at <http://groups.yahoo.com/group/tars>. Look in the Newsletters folder within the Files section of the group. Should you require a hard copy of the Bylaws, please contact David A. Heupel, KG4ACF at 850-942-8240, or 850-321-3217.

### **Section 1.02.**

#### ***From:***

Honorary Membership. The ~~Civil Defense Director of~~ Leon County, Florida, and the Executive Director of the Capital Area Chapter of the American Red Cross shall automatically be honorary members of the Society. From time to time, as provided by the membership on each occasion, distinguished persons may be presented with honorary membership with an automatic waiver of dues. Honorary membership shall carry all the rights and privileges ~~except voting~~.

#### ***To:***

Honorary Membership. The Emergency Management Coordinators of Tallahassee, and Leon County, Florida, and the Executive Director of the Capital Area Chapter of the American Red Cross shall automatically be honorary members of the Society. From time to time, as provided by the membership on each occasion, distinguished persons may be presented with honorary membership with an automatic waiver of dues. Except voting, honorary membership shall carry all other rights and privileges of membership.

### **Section 2.02: Annual Meetings**

**From:**

Annual Meetings. The first annual meeting of members shall be held on the first Thursday in the month of June, 1991, at the hour of 7:30 p.m. Subsequent annual meetings of members shall be held each year thereafter in the month of June immediately before the regular monthly meeting scheduled for that month.

**To:**

Annual Meetings. Annual meetings of the Society will be held in the month of June immediately preceding the regular monthly meeting.

### **Section 3.02: Regular Meetings**

**From:**

Regular Meeting. The order of business at a regular meeting shall be:

- (a) Call to order at 1930.
- (b) Introduction of guests.
- (c) Program, not to exceed 45 minutes in length unless waived by a majority vote.
- (d) Treasurer's report and approval of minutes.
- (e) Committee reports.
- (f) Break.
- (g) Open discussion not to exceed 15 minutes in length unless waived by a majority vote.
- (h) Unfinished business.
- (i) New business.
- (j) Adjournment, which automatically occurs at 2130 unless waived by a two-thirds majority vote.

The order of business, except for automatic adjournment, may be changed at a meeting by a majority vote.

*To:*  
Regular Meeting. The order of business at a regular meeting shall be:

- (a) Call to order.
- (b) Introduction of guests.
- (c) Program, should not exceed 60 minutes.
- (d) Treasurer's report and approval of minutes.
- (e) Committee reports.
- (f) Break.
- (g) Open discussion not to exceed 20 minutes.
- (h) Unfinished business.
- (i) New business.
- (j) Adjournment.

The order of business may be changed at a meeting by a majority vote.



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Amateur Radio  
Around the  
World

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

Donald Bartnik  
WA4DSW

2919 Pound Dr

Tallahassee, FL 32312



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

## Your Officers

### President:

David A. Heupel, KG4ACF  
kg4acf@arrl.net  
(850) 321.3217

### Vice-President:

F. Brett Wellman,  
KG4KLR  
kg4klr@arrl.net

### Treasurer:

Kent B. Hutchinson,  
KC4TOC  
kc4toc@earthlink.net  
(850) 576-4200

### Secretary:

Carliane Johnson,  
KG4CJT  
carliane@msn.com

## Upcoming Events

### Testing Session:

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

### 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. East-  
ern.

### North Florida Phone

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

## Editorial Policy

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