

Date: Tue, 16 Aug 2005 07:45:31 -0700 (PDT)
From: Mike Moses <ki7wh@yahoo.com>
Subject: Fwd: FADCA Tech Conference - Sat Aug 20th - Agenda

Note: forwarded message attached.

MIKE MOSES--KI7WH
RACES Officer/Emergency Communications Coordinator(ARES)
Charlotte County

This is the list as I have it which I have forwarded to FADCA and Gary,
KC5QCN. If you are planning on attending and are not on this list please let
me know asap.

Tnx. See the Agenda Below the list from Pinellas attendees.

73,

Neil

W4NHL

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This is the list from Pinellas so far:

Bill Williams - AG4QX

Doug Williams - WB2LEZ

Demos Doulou - KR4US

Neil Lauritsen - W4NHL

Mike Anderson -N4MAA

Jim Melason - N4AAC

Bob Burke - KC4SXO

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Florida Amateur Digital Communication Association (FADCA)

<http://www.fadca.org/>

DIGITAL MODES TECHNICAL CONFERENCE

Saturday August 20, 2005 8 AM until 5 PM

Tampa, Florida

The TPALAN amateur radio club will host the second Florida Amateur

Digital Communication Association (FADCA) technical conference to be

held this year.

A free full-day conference on packet, other digital modes, digital networking in Florida and ARES E-mail Over Ham Radio in Support of EMCOMMs will be held at the Hillsborough County EOC in Tampa. Anyone interested in learning about or promoting amateur radio digital communications is welcomed to attend. Check the agenda below for details of topics to be covered.

The conference, in the form of hands-on workshops, will be quite informal, though time-structured in order to keep discussions moving and allow ample time for all agenda items. To keep on schedule, lunch will be on site a choice of sandwiches, sodas, water, etc. The \$6/person fee will also include morning Krispy Kream donuts and coffee. Because of needing a head count for lunch, as well as CD ROMs and handouts, PLEASE advise well in advance of your attendance (See RSVP instructions after the agenda.)

Attendees will be coming from all over the state. To take advantage of a full day, the conference will be divided into two hands-on workshops:

- (1) For those wanting to learn about E-mail Over Ham Radio and how to use the Florida Layered Packet Network.

- (2) For network site managers who want to get started on LINX FPAC.

The first workshop will start at 0800 and the second after lunch, but no later than 1300 hrs. The conference will end no later than 1700 hrs. While these are related, but very divergent workshops, all attendees are welcomed to take part in either or both.

This is your chance to learn more details about the exciting new facets (and some old ones!) of packet radio and digital messaging.

Talk-In:

147.105 + MHz N4TP amateur radio repeater (146.2 PL tone)

Location:

Hillsborough County Emergency Operation Center

Address:

2711 East Hanna Avenue Tampa, FL 33610

GPS Coordinates:

N 28 degrees 00.136 minutes

W 82 degrees 25.682 minutes

Driving Directions From Interstate 275:

Traveling Interstate 275 from either a Northbound or Southbound direction, take Exit 47(A) [old Exit 30(A)] Hillsborough Avenue / US Highway 92 East. Travel East on Hillsborough Avenue / US Highway 92 East for approximately 1.7 miles until you come to the traffic signal at the intersection of Hillsborough Avenue and 30th Street. Turn left (North) onto 30th Street. Travel North on 30th Street approximately 0.5 miles until you come to the traffic signal at 30th Street and Hanna Avenue. Turn left (West) onto Hanna Avenue. The EOC is on your left approximately 0.1 miles from the intersection of Hanna Avenue and 30th Street. The EOC building is located behind the Hillsborough County Fire-Rescue building at the base of the 320-foot radio tower.

Driving Directions From Interstate 4:

Traveling Interstate 4 Westbound, take Exit 7 [old Exit 6] Hillsborough Avenue / US Highway 92 West. Travel West on Hillsborough Avenue / US Highway 92 West for approximately 4.9 miles until you come to the traffic signal at the intersection of Hillsborough Avenue and 30th Street. Turn right (North) onto 30th Street. Travel North on 30th Street approximately 0.5 miles until you come to the traffic signal at 30th Street and Hanna Avenue. Turn left (West) onto Hanna Avenue. The EOC is on your left approximately 0.1 miles from the intersection of Hanna Avenue and 30th Street. The EOC building is located behind the Hillsborough County Fire-Rescue building at the base of the 320-foot radio tower.

AGENDA

0800 - LUNCH - PACKET NETWORKING IN FLORIDA AND HANDS ON WORKSHOP

So you want to get (back) on packet? So your ARES group wants to incorporate E-mail Over Ham Radio? Here is your chance for some real-time help. Basics of the Florida Layered Packet Network and the WL2K E-mail Over Ham Radio systems will be presented, then we will load the software required to use them on your laptop. There will be plenty of help. Take advantage of this opportunity. If you don't have a Win95/ 98/ 2000/ XP laptop to bring, come and observe so you will see how to do this on your computer at home or at your EOC.

NOTE: Win2000 or WinXP OS is required for full automatic E-mail over Ham Radio. Win95/98 may be used for packet messaging and less automatic E-mail.

THE FLORIDA LAYERED PACKET NETWORK AND HOW TO NAVIGATE IT.

Local Area Networks (LANS) The Building Blocks of the Network; switch components; how a switch functions; network addressing; connect scripts; Telnet links, packet Bulletin Boards, Telpac Nodes.

E-MAIL OVER HAM RADIO IN SUPPORT OF EMCOMMS IN FLORIDA.

What is required to provide this service in Florida.

GETTING YOUR PACKET STATION RUNNING (All software will be supplied.)

1. Loading the following programs on your Win2000 or WinXP computer:

a) MS Dot Net Framework 1.1 (Do it yourself before you leave home if possible. Just do a Google search "download net framework" and use Windows Update. Do not go beyond 1.1!)

b) AGW PE free

c) AGW terminal

d) AGW digi

e) Paclink Post Office

f) Paclink AGW

2. On this computer or a Win95/98 computer

g) Winpack Terminal Program

h) Airmail 3.0.22

i) Telpac Node

3. Making the TNC LEDES blink using c,e,f, g, and h above.

If you also bring a (working) TNC and an RS-232 cable for the TNC to your computer, you will go home with all this working. (Bring power supply for the TNC.) If you do not have a TNC there will be one for you to use during the workshop as a proof of principle. Do not bring your vhf radio unless you have a TNC-to-radio cable already wired for that. Bring a dummy load if you bring the radio. MODERATORS: N0IA, N3PPC, and anyone else who is available to help.

If necessary, this workshop will continue after lunch concurrently with the LINUX FPAC workshop.

LUNCH BREAK Two choices of sandwiches, potato chips, cookie, pickle spear, and a soft drink - \$6/person. (Morning Krispy Cream donuts and coffee included.)

1300 LINUX FPAC Network site managers will learn how to prepare a LINUX computer for FPAC. Bring one or more LINUX-capable computers with one or more serial ports and a CD-ROM drive, or just sit in, observe, and take notes.

The exercise is planned to set up ax.25, define a port and test that port. From there one can play with packet (as a USER) and attempt to install FPAC/TELPAC. This is a hands-on exercise, with a 'Live CD' install (i.e. OS on RAM drive and programs are pulled off the CD into RAM) or a hard drive install. We should be able to complete the exercise on a laptop and accommodate those who want to install to the hard drive on a desktop. If your computer already has Linux installed, the needed ax.25 packages will be supplied. MODERATORS- K4GBB and KP4DJT.

Come for one or both of the seminars. Don't miss lunch!

Send an e-mail before August 17, 2005 to <rsvp@danmc.org> indicating

your attendance at the Technical Conference on August 20, 2005

Subject: TC August 20

In body of message indicate the following:

Name

Call

County

Morning Session? (Y/N)

Lunch (Y/N)

Afternoon Session (Y/N)

TPALAN and FADCA are looking forward to a large interactive crowd!