

# WRC UPDATE

JULY 4, 2003

## RADIO AMATEURS SERVING THE WESTERN COMMUNITIES

REMEMBER TO **200%** IN ON THE PHOTOS...  
200% RECOMMENDED



### Photo Summary: Field Day 2003... Different at the Wellington EOC

Many old-timers would say that "One Field Day is pretty much like another in South Florida... you can count on stifling heat and humidity, heavy rains, lightning and bugs."

Field Day 2003 was notably different! For the first time in many years, Mother Nature smiled down on many field day groups by holding back the miserable weather nearly everyone thought was normal. But whenever Mother Nature giveth, she taketh. Lousy band conditions seemed to be the trade-off for the great weather. For the past few years, 10 and 15 meters were both very active bands. This year, 15 opened only sporadically and ten seemed dead.

When you add the rule change recognizing Emergency Operating Centers as a separate class, F, you had an event that was truly different and complete with new challenges.

The EOC operation, K4WRC, consisted of two HF stations and one VHF/UHF station and thus was in "2F" category. All stations were powered from the EOC's massive battery bank. There were three HF antennas and three VHF/UHF antennas.

The following photos do not do justice to the hard work of the setup crews, support group, operating teams and the WRC's officers. It was not possible to capture everyone in action; so with the exception of the always present Mr. Murphy, we give our thanks to all for their superb efforts and hope everyone felt the team effort worthwhile.

...Continued on page 3



On your mark, get set... Watches are checked as Field Day begins. From bottom to top, Rob KS4EC at laptop. Georg KR4WD paper-logger and Larry KS4NB operator at HF station 1. Bruce K2MDF is at the VHF/UHF station.

### Swedish Club Celebrates With Field Day and Special Events Station WRC Sent Greetings Via IRLP to the GSA On Its 80th Birthday... Receives Unique QSL Card



From the most popular park and the highest hill overlooking Gothenberg, the Gothenberg Society of Radio Amateurs setup a fantastic Field Day operation to mark the 80th anniversary of its founding.

From 300 feet above the city, their

...Continued on pg 4



TO RADIO				QSL STAMP	
K4WRC					
Op: Larry KS4NB					
Date		Time		Mode	
Year	Mon Day	Hour	Min	<input checked="" type="checkbox"/> SSB <input type="checkbox"/> FM <input type="checkbox"/>	
03	07 05	00	50		
MHz				R	S T
<input type="checkbox"/> 1,8 <input checked="" type="checkbox"/> 14 <input type="checkbox"/> 24 <input type="checkbox"/> 144				5	5
<input type="checkbox"/> 3,5 <input type="checkbox"/> 18 <input type="checkbox"/> 28 <input type="checkbox"/> 432					
<input type="checkbox"/> 7,0 <input type="checkbox"/> 21 <input type="checkbox"/> 50					
Thanks for a nice QSO on our field day 2003!					

## **SKYWARN SPOTTER TRAINING:**

### **July 26th at Noon, at the Palm Beach County EOC**

Jim Lushine of the Miami National Weather Service Office in conjunction with Skywarn of Palm Beach County will be conducting the Spotter certification class with some additional topics. Many feel there's no more knowledgeable instructor in this region.

This is an excellent program which provides the tools to recognize the signs of impending severe weather... tornadoes, etc. Often these phenomena can only be confirmed by Spotters' "eyes" on the ground.

Even if you have had this training before, it may be time for a refresher. Non-radio amateurs are also welcome as are mature teenagers.

The PBC EOC is located on the northeast corner of Military Trail and Southern Blvd.

**FOR RESERVATIONS OR INFORMATION, CONTACT:**

**MELISSA KE4WBQ, PBC SKYWARN Coordinator at:**

**ke4wbq@Bellsouth.net**

### **IRLP AND ECHOLINK EXTEND THE REACH OF SKYWARN TRAINING... IT WILL BE ACCESSIBLE NATIONALLY FROM YOUR HOME QTH OR PRACTICALLY ANY LOCATION:**

### **"HURRICANE SEASON 2003" PRESENTED BY THE NWS**

### **July 22th at 7:30PM EDT on the IRLP or Echolink Node Near You**

If you can get your university degree through the Internet or sitting in front of the TV at home, why can't SKYWARN or other communications training be given in a "mass" manner? The answer is: it can and will be!

Due to the innovative thinking and efforts of a group of North Carolina hams, many people who cannot personally attend a local SKYWARN training session may be able to get their training at home.

Jeff Orrock, the Warning Coordination Meteorologist for the National Weather Service (NWS) in Raleigh working with ARES Section Emergency Coordinator Bernie WA4MOK, TAR HEEL EMERGENCY NET Manager Claude K4CWZ, Danny KD4RAA of IRLP Reflector 9210 and many others will make this possible.

Jeff is an experienced meteorologist who has served in eastern NC and has a talent for presenting scientific information in a way that non-meteorologists can understand.

The presentation will originate from the North Carolina Emergency Management (NCEM) Emergency Operations Center (EOC) amateur radio station, NC4EO. It will then be linked to IRLP, Echolink, regional repeater networks and HF frequencies.

We strongly recommend personally attending the Palm Beach SKYWARN training session on the 26th, but if you cannot, consider listening in to the NWS session on the 22nd. The Wellington Radio Club IRLP node, 442.050MHz, and other local nodes are expected to carry the NWS program.

Do not forget to download the course materials before the on-the-air training session.

The email announcement from Danny KD4RAA with further details is in the adjacent column.

**To: IRLP\_SKYWARN\_NET@yahooogroups.com**

**Date: Fri, 18 Jul 2003 14:12:27 -0000**

**Subject: [IRLP\_SKYWARN\_NET]**

**Hurricane 2003 Skywarn Training - Linkup**

One of the most ambitious efforts in linking repeaters will take place on July 22nd at 1930 EDT East Coast. The Tar Heel Emergency Net will host a presentation from Jeff Orrock, Warning Coordination Meteorologist for the National Weather Service in Raleigh, who will be providing a training session entitled "Hurricane Season 2003".

This presentation is targeted to amateur radio operators involved in providing emergency communications.

As a part of the linking effort, We will make available the "broadcast" on both IRLP REFLECTOR 9210 and Echolink WX conference. PRE-CHECKINS will take place at 1915 EDT and programming will begin at 1930 EDT. There will be a net control moderating. Because of the nature of the presentation and the vast links involved, this will be for the most part, a one-way transmission from the NC Emergency Management.

If time permits, questions will be taken. For those on the IRLP-Skywarn yahoo group page, you can submit questions by email and we will pass the traffic.

**IRLP\_SKYWARN\_NET@yahooogroups.com**

A Powerpoint and HTML version of Jeff's presentation can be viewed or downloaded at:

**<http://www.erh.noaa.gov/er/rah/skywarn/>**

for you to follow along.

VoIP linking with IRLP and Echolink has played an important part in communicating storm data to emergency agencies and to the National Hurricane Center in Miami. Here is a chance to hear from the source, the information needed from Amateur operators.

Danny Musten KD4RAA, Raleigh IRLP Reflector 9210

## **THE WRC UPDATE**

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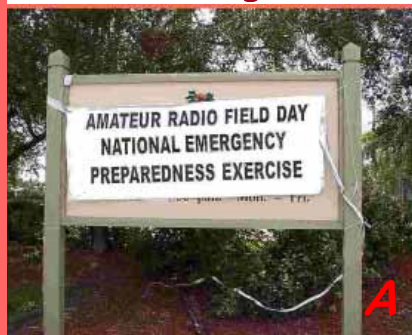
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# Field Day at the EOC... (Remember you can ZOOM in)

Field Day fotos courtesy of  
Mike KI4BFQ & Sandy WB2MBV



A



B



C



D



E



F



G



H



I



J

G-John, Jeff WA4AW and Myra K3PGH at EOC plaque. H-Georg KR4WD, Tony and Bruce at BBQ... John JMO & Bruce did a bangup job as WRC's executive Chefs! I-Laraine, xyl of Rob WB4FL, gives first aid to RJ's small cut. J-Sandy WB2MBV kept us cool... discovered 95% clogged AC filter.



K



L



M

K-Al KG4RWO operates ICOM 706 VHF/UHF station, but helped out all over! L-Danny, Stef KG4NTT & Steve KE4JAR operate the ICOM 446 on 20 meters with 4 element yagi beam. M-Thom K9THL and Fred worked 40 & 80 meters on the ICOM 756 and chose between Vee Beam or trapped dipole.



O



P



Q

O-Sandy tracks weather on the Internet. P-Mike & Georg work the west coast and Hawaii at about 4am on 20m. At about 5:15am, they snag Guam. Q-Link WV4I pounds away on CW as Juan KG4QYY and Al log & observe at the HF station setup in the "SIGN ROOM".



**R**-Austin W2AGX logging on 20 meter SSB station. **S**-Link WV4I takes break from 40 CW and receives the Village's Certificate of Appreciation from Larry KS4NB. **T**- WRC setup teams had to work around a great many obstacles while erecting towers and antennas.



**U**-Four element 20m beam at 33 feet provided punch on the most congested band. **V**-Supporting the legs of the 309 foot Vee Beam were 40 foot towers. **W**-Murphy strikes... steel pipe at top bent like a toothpick during the raising of the west leg of the Vee.

## Gothenberg Field Day...

**HF/VHF/UHF special event stations worked the world.**

About 120 amateurs visited the site and 40 or so members of the public came by to learn about ham radio.

**A**-Bob SM6UQP operates one of the HF stations and contacts K4WRC... at 12:50 am local time! This was 1850 EDT and the 20meter band was crowded. **B**-Lots of amateurs from the Gothenberg area visited... even one from Norway. Shown operating are Lief SM6XNO and SM6MIS. Note the well laid out operating positions and plentiful equipment. **C**-In this early morning foto centered on the main tent, part of the extensive antenna farm can be seen. On VHF/UHF, stations as far away as Belgium and Germany were worked. Norway and Denmark were easily contacted... they are within 80 miles of Gothenberg. Naturally, Volvos are plentiful too! **D**-The great view and height advantage of the hilltop park can be seen from this foto taken during Larry KS4NB's recent trip to Sweden.

These fotos were courtesy of Val SM6VYP... Thanks!

