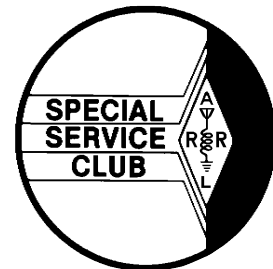




# FEEDBACK

SEPTEMBER 2010



## ARES, RACES AND SKYWARN.

While the months of September through December are celebrations of the ARES program, we must identify other programs that involve the amateur citizen.

Each of the activities in the heading of this column have a role to play utilizing the Amateur Radio Operator. The first two are often combined under the leadership of an E.C. who is responsible for the training of each. The Skywarn program is a special training program using non-amateurs as well as amateur radio operators under the leadership of NOAA.

The big difference in these programs is that ARES is totally under the control of the amateur community and both RACES and SKYWARN are under special control of the amateur community by the government entities.

The E.C. is responsible for ARES and RACE training, usually it is exactly the same. The difference is that the ARES activity may be initiated by the EC where the RACES activity is to be started by a governmental agency in response to a civil emergency. This distinction while spelled out in Part 97 of the FCC Regulations is often ignored.

While the E.C. is responsible for the training of both ARES and RACES personnel, each individual is encouraged to study programs administered by FEMA (Federal Emergency Management Agency). These programs are free to individuals allowing study at a fundamental level and growth through advanced studies. Upon successful finish, the student is given a certificate indicating the accomplishment.

Skywarn, administered by NOAA (National Oceanic and Atmospheric Administration) has a training program that develops through a series of steps over two levels of training. At the end of the training, the successful student is given both a certificate and a identification card. ARES, RACES and REACT members are encouraged to take advantage of this program so as to increase skills needed.

## AMATEUR RADIO EMERGENCY SERVICE

What do Amateur Radio operators do during and after disasters?  
Amateur Radio operators set up and operate organized communication networks locally for governmental and emergency officials, as well as non-commercial communication for private citizens affected by the disaster. Amateur Radio operators are most likely to be active after disasters that damage regular lines of communications due to power outages and destruction of telephone, cellular and other infrastructure-dependent systems.

How do Amateur Radio operators help local officials?  
Many radio amateurs are active as communications volunteers with local public safety organizations. In addition, in some disasters, radio frequencies are not coordinated among relief officials and Amateur Radio operators step in to coordinate communication when radio towers and other elements in the communications infrastructure are damaged.

What are the major Amateur Radio emergency organizations?  
Amateur Radio operators have informal and formal groups to coordinate communication during emergencies. At the local level, hams may participate in local emergency organizations, or organize local "traffic nets" using VHF (very high frequencies) and UHF (ultra high frequencies). At the state level, hams are often involved with state emergency management operations. In addition, hams operate at the national level through the Radio Amateur Civil Emergency Service (RACES), which is coordinated through the Federal Emergency Management Agency, and through the Amateur Radio Emergency Service (ARES), which is coordinated through the American Radio Relay League and its field volunteers. Many hams are also involved in Skywarn, operating under the National Weather Service and provide emergency weather information to the NWS for analysis and dissemination to the public.

Is Amateur Radio recognized as a resource by national relief organizations?

Many national organizations have formal agreements with the Amateur Radio Emergency Service (ARES) and other Amateur Radio groups including:

- Department of Homeland Security -- Citizen Corps
- Federal Emergency Management Agency
- National Communications System
- Salvation Army
- National Weather Service
- Association of Public Safety Communications Officials

What are some examples of emergencies involving Amateur Radio?

- Haitian Earthquake response - 2010
- Hurricane Ike - February tornado outbreak —2008
- Oregon Storms - 2007
- Hurricanes Katrina and Rita --2005
- Hurricanes Charlie, Frances, Ivan, and Jeanne in Florida -- 2004
- Severe weather in Virginia — Tornadoes in Illinois -- 2004
- Earthquake in Central California -- December 2003
- Hurricane Isabel -- September 2003
- Northeast blackout -- August 2003
- Midwest tornadoes -- May 2003
- Shuttle Columbia recovery effort -- February 2003
- World Trade Center and Pentagon terrorist attacks -- September 2001
- Flooding in Texas and Louisiana (Storm Allison) -- June 2001
- Fires in Los Alamos, New Mexico -- May 2000
- Hurricane Floyd -- September 1999
- Hurricane Mitch in Central America -- November 1998
- Flood Grand Forks, N.D., and East Grand Forks, Minn. - April 1997
- Western U.S. floods - January 1997
- Hurricane Fran - September 1996
- TWA plane crash - July 1996
- Oklahoma City Bombing - April 1995



## ARES FOR 75 YEARS

75 and Still Growing

The Amateur Radio Emergency Service® (ARES) will be celebrating its 75th anniversary from September through December 2010. This program of the ARRL – the national association for Amateur Radio – has provided “ham radio” emergency communications for agencies such as the American Red Cross, Salvation Army, countless Emergency Operations Centers and other responders in the worst of times. In events from ice storms to Hurricane Katrina and Haiti, when normal communications systems were down or overloaded, the Amateur Radio operators of the ARES programs filled requests for communications aid. Over the years the program name and equipment has changed but the vision remains. The modern communications nets that ARES can quickly create to blanket whole regions - without the need for other infrastructure - remain critical in emergency planning. In the first hours and days of a major event, Amateur Radio is often the source of initial information on the type, scope and reactions needed to save lives. Recognition of this capability led to formal agreements with DHS, FEMA, NOAA and other federal, state and local agencies. When the Internet, cell phone and electricity go out – they call on us, the hams.

The first mention of an organized Amateur Radio emergency response organization appears in the September 1935 issue of QST Magazine. “At least one amateur station in every community should be equipped with auxiliary station equipment for use in an emergency.” With those words by ARRL Communications Manager F.E. Handy and Assistant Communications Manager E.L. Battey, the ARRL Amateur Radio Emergency Corps (AREC) was born.

Much like today, Corps members were expected to reach out to served agencies. Corps stations were requested to contact “local Red Cross officials, railroads, military units, police departments, representatives of press associations and the like” and notify them of their ability to assist during times of emergency. Cooperation with served agencies was critical for the success of the Corps just as much as it is today with ARES.

Some of the major responses needing ARES Amateur Radio operators for emergency communications in recent years include these well-known events:

Earthquake in Haiti - 2010  
Hurricane Ike in Texas - 2008  
Earthquake in Hawaii—2006  
Flooding in Northeastern States—2006  
Hurricanes Katrina, Wilma and Rita—2005  
Wildfires in Texas, Oklahoma and New Mexico—2005  
Hurricanes Charley, Frances, Ivan and Jeanne—2004  
Tsunami in Asia—2004  
Earthquake in Central California—2003  
Hurricane Isabel—2003  
Northeast Blackout—2003  
Shuttle Columbia Recovery Effort—2003  
Wildfires in Colorado—2002  
Flooding in Kentucky—2002  
World Trade Center, Pentagon and Western Pennsylvania Terrorist Attacks—2001  
Tropical Storm Allison—2001  
Fires in Los Alamos, New Mexico—2000

### 75 and Still Growing

Like other modern wireless technologies, Amateur Radio has come a long way from its beginnings. Today’s amateurs are expanding their voice and digital networks, using satellites and TV, developing hybrid applications of radio-internet and GPS location systems, long-range WiFi types of systems and more. Hams are the consummate “DO-ers” not just “USE-ers” of technology.

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Battle Creek, MI. 49016

## HAMFESTS

GRAND RAPIDS, MI 09/11/2010  
GRAHamfest  
Grand Rapids Amateur Radio Association  
Home School Building  
5625 Burlingame Avenue SW  
Wyoming, MI 49509  
<http://www.grahamfest.org>  
Talk-In: 145.260 (PL 94.8)  
Contact: Mike Bowen , N8ILU  
PO Box 3282 Grand Rapids MI 49501  
Phone: 616-531-2338  
Email: mikeN8ILU@yahoo.com

ADRIAN, MI 09/19/2010  
Adrian Amateur Radio Club  
Lenawee County Fairgrounds  
602 North Dean Street  
Adrian, MI 49221  
<http://www.w8tqe.com/>  
Talk-In: 145.370 (PL 85.4)  
Contact: Mark Hinkleman , NU8Z  
108 East Kilbuck Street Tecumseh, MI 49286  
Phone: 517-423-5906  
Email: nu8z@comcast.net

HOLLAND, MI 10/16/2010  
Great Lakeshore Super Swap  
Holland ARC  
West Ottawa High School South Campus  
3600 152nd Avenue  
Holland, MI 49424  
<http://hollandarc.org>  
Talk-In: 147.06+ (PL 94.8)  
Contact: Jeff Ver Hage , KB8QAP  
PO Box 2104 Holland, MI 49422  
Phone: 616-724-7720  
Email: HollandArcSwap@gmail.com

FORT WAYNE, IN 11/13/2010  
Allen County Amateur Radio Technical Society  
Indiana State Convention  
(Fort Wayne Hamfest & Computer Expo)  
Allen County War Memorial Coliseum  
4000 Parnell Avenue  
Fort Wayne, IN 46801  
<http://www.fortwaynehamfest.com>  
Talk-In: 146.880(-)  
Contact: James D Boyer , KB9IH  
PO Box 10342 Fort Wayne, IN 46851-0342  
Phone: 260-579-2196  
Email: chairman@fortwaynehamfest.com

FINDLAY, OH 09/12/2010  
Findlay Radio Club  
Location: Hancock County Fairgrounds  
1017 East Sandusky Street  
Findlay, OH  
<http://www.findlayradioclub.org>  
Talk-In: 147.15/75  
Contact: Eric Wilkinson , K8ERW  
PO Box 587 Findlay, OH 45839  
Phone: 567-429-9077  
Email: hamfest@findlayradioclub.org

## GREAT TRUTHS

### THAT ADULTS HAVE LEARNED:

- 1) *Raising teenagers is like nailing jelly to a tree.*
- 2) *Wrinkles don't hurt.*
- 3) *Families are like fudge...mostly sweet, with a few nuts*
- 4) *Today's mighty oak is just yesterday's nut that held its ground.*
- 5) *Laughing is good exercise. It's like jogging on the inside.*
- 6) *Middle age is when you choose your cereal for the fibre, not the toy.*

## GREAT TRUTHS

### ABOUT GROWING OLD

- 1) *Growing old is mandatory; growing up is optional.*
- 2) *Forget the health food. I need all the preservatives I can get.*
- 3) *When you fall down, you wonder what else you can do while you're down there.*
- 4) *You're getting old when you get the same sensation from a rocking chair that you once got from a roller coaster.*
- 5) *It's frustrating when you know all the answers but nobody bothers to ask you the questions.*
- 6) *Time may be a great healer, but it's a lousy beautician.*
- 7) *Wisdom comes with age, but sometimes age comes alone.*

## ATTENTION!

Each license grant must show the grantee's correct name and mailing address. The mailing address must be in an area where the amateur service is regulated by the FCC and where the grantee can receive mail delivery by the United States Postal Service. Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct mailing address

## **ARES / RACES**

Report August, 2010 in Calhoun County

### RACES / Skywarn Nets and Training

1 RACES Meeting 1.5 hrs each @ 15 People = 22.5 hrs  
Three Nets People@ 1 Hr = 64 hrs

Total 86.5

### Public Service Events

1 Siren Test 1hrs each @ 17 People = 17hrs

Total 17hrs

### Administration Hours

Total 0hrs

### Emergency Operations

Total

### Equipment Hours

RACES Trailer Maintenance 8hrs @ 1 Person =  
Total 8hrs

### Travel Hours =

Total 1.5 hrs

### Expenses- Out of Pocket =

Total \$20.00

### Travel Miles =

Total 48

### Members (ARES / RACES) =

Total 35

Total Nets, Events, Sessions =3

Total Hours = 96.5

### Contributed Value =

\$

Kenneth Nierman  
KC8QNQ E-46  
City of Battle Creek and Calhoun County  
RACES, Emergency Coordinator

## **FOX HUNT**

### ***(THIS COULD CHANGE — KEEP LISTENING FOR LATEST NEWS)***

Smars Club, September, 25, 2010 Fox Hunt Rules

Time frame will be a maximum of 1 hour 30 minutes.

This Fox Hunt is Collaborative – All teams will work together towards the common goal of locating the hidden transmitter. Communication between teams is encouraged and the 2M repeater (146.660 MHz, 94.8 PL) will be used to facilitate that communication.

The Fox will be hidden within a 10-mile radius of the BCPD parking lot In Battle Creek, The Fox will be hidden in a public place that does not require the hunters to either pay admission or require any swimming, flying, or contact with any poisonous wildlife. (We hope!).

The hunt will commence from the parking lot of BCPD, a briefing will be held at 9:45AM, with the first Fox transmission at 10:00 PM.

The Fox will be transmitting on 147.550 MHz at a power setting of 2.0 W.

The Fox will transmit for 30 seconds followed by 60 seconds of silence. All transmissions will take place at 1.5-minute intervals beginning at 10:00 AM

Remember that in order to successfully complete the hunt, the teams must locate the transmitter.

Time synchronization will be available from the Hunt Master prior to the start of the hunt.

Our primary concern during the hunt is for the safety of all participants.

If you drive slowly or stop your car in or near the roadway, remember to turn on your 4-way flashers. Be careful when exiting your car near the flow of traffic.

### **Think safety all the time.**

We will notify the authorities that we are conducting a hunt.

Dave KC8COT

# TREASURY REPORT

## SMARS Club Meeting

August 17, 2010

### Income and Expense Statement

8/1/10 Through 8/31/10

Category Description	8/1/10- 8/31/10
<b>INCOME</b>	
50 50	7.50
<b>TOTAL INCOME</b>	<b>7.50</b>
<b>EXPENSES</b>	
Administration:	
Membership Cards	24.37
<b>TOTAL Administration</b>	<b>24.37</b>
Feedback:	
Postage	35.20
Printing	111.50
<b>TOTAL Feedback</b>	<b>146.70</b>
Field Day:	
Fuel	17.50
<b>TOTAL Field Day</b>	<b>17.50</b>
Maintenance:	
Repeaters	189.18
<b>TOTAL Maintenance</b>	<b>189.18</b>
Meetings:	
Refreshments	7.70
<b>TOTAL Meetings</b>	<b>7.70</b>
Utilities:	
Telephone	65.91
<b>TOTAL Utilities</b>	<b>65.91</b>
<b>TOTAL EXPENSES</b>	<b>451.36</b>
<b>TOTAL INCOME - EXPENSES</b>	<b>-443.86</b>

## KC8COT SEZ

*Here's a solution to all the controversy over full-body scanners at the airports:*

*All we need to do is develop a booth that you can step into that will not X-ray you, but will detonate any explosive device you may have hidden on or in your body. The explosion will be contained within the sealed booth.*

*This would be a win-win for everyone. There would be none of this stuff about racial profiling and the device would eliminate long and expensive trials.*

*This is so simple that it's brilliant. I can see it now: you're in the airport terminal and you hear a muffled explosion.*

*Shortly thereafter, an announcement comes over the PA system, "Attention standby passengers, we now have a seat available on flight number..."*

Called To Order: 7:02 PM

Officers Present: Bob AC8GL Don W8RVT John W8JRD Russ N8UU

Pledge of Allegiance

Introductions

Secretary's Report: approved as published in Feedback.

Treasurer's Report: approved as reported at the Club Meeting.

Committee Reports:

Hamfest: No report.

Field Day: The airport Manager reports that SMARS will be able to operate somewhere next year.

ARES/RACES: Dave K8OLY discussed the oil spill assistance provided by RACES with more details to be found in Feedback.

VE Testing: August 26 is the next exam session. We may try to use computer generated tests.

Technical Engineer: Repeater outage was discussed and the repair efforts to return normal operations were described. Full details in the August Feedback.

Old Business:

New membership cards were obtained.

The membership approved getting some literature such as a Technician's study guide for the library in memory of Jerry W8FOK. The library currently does not have a current study guide.

New Business:

There will be a Fox Hunt on September 25. Final details to be worked out.

Kelly KD8LPL brought up having some sort of classes, such as antenna building, morse code, or upgrade license classes with the goal of getting more participation in club activities. SMARS will have to check with the Masonic Center to see if there would be room availability.

Entertainment:

Arnie, WA8VRA, brought in examples of different types of wood carving.

Adjourned: 8:51 PM

Respectfully Submitted,  
John Davidson W8JRD  
SMARS Secretary

## SMARS Board Meeting

August 30, 2010

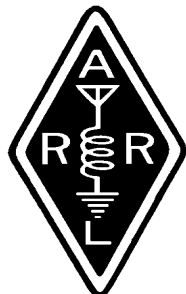
Officers Present: Don W8RVT Bob AC8GL

No quorum, due to the Secretary forgetting about the meeting.

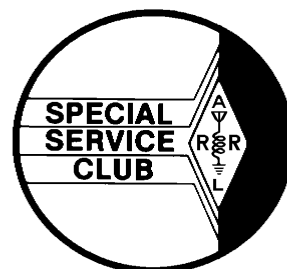
Respectfully Submitted,  
John Davidson W8JRD  
SMARS Secretary

SOUTHERN MICHIGAN AMATEUR RADIO SOCIETY

# FEEDBACK



SEPTEMBER 2010



SMARS  
P.O. BOX 934  
BATTLE CREEK MI 49016

**FIRST CLASS MAIL**



## SMARS NETS

Before Lunch Bunch  
Monday-Friday 11:30 A.M.  
146.66

Sunday Evening 8:00 P.M.  
146.66

Monday 7:30 P.M.  
224.24

Wednesday 7:00 P.M.  
443.95

Wednesday 8:00 P.M.  
28.365

Saturday 8:00 P.M.  
443.95

ARES/RACES/SKYWARN.NET  
Monday 7:00 P.M. 147.12

## ACTIVITY CALENDAR

SMARS BOARD AUG 30  
B4LUNCH BUNCH LUNCH SEP 9  
HAMFEST WYOMING MI SEP 11  
HAMFEST FINDLAY OH SEP 12  
THIS MONTH SMARS CLUB MEETING SEP 16  
HAMFEST ADRIAN MI SEP 19  
NEXT SMARS BREAKFAST OCT 2  
HAMFEST HOLLAND MI OCT 16  
HAMFEST KALAMAZOO OCT 17