



The WA4IWL Newsletter



ENGLEWOOD AMATEUR RADIO SOCIETY, INC.

www.earsradioclub.org

April, 2006



President's Message

We enjoyed yet another successful Hamfest this year. Thanks to all who helped make that possible. The March meeting came quickly and I think many people were accustomed to having a meeting reminder sent to

them, so I will try to accommodate by sending out an e-mail before the next meeting using our new EARS directory. New directories are available in print form and online thanks to Vic-K4VHX, Marty-N4FA, and Dennis-K4NF.

EARS is also moving closer to finding a new home for the 146.700 repeater. The Tringali Center a primary candidate and we are seeking permission to utilize this site which has an existing antenna and feedline. Hopefully more information on this will be forthcoming at the next meeting. Our RACES report also brought more good news. County officials have recognized the value of our radio communications. RACES is looking to resolve some its previous issues and increase its membership.

Field Day is coming upon soon. If you can offer any assistance, please let Martin Horowitz know. We can use operators of every kind, and I know CW operators are in high demand. We can also get points for having political officials / celebrities attend, for proving information to the public, for publicity, and for a number of other things, in addition to operating radios.

I look forward to seeing you at the next meeting. I encourage everyone to make suggestions on programs you would like to see at the club meetings. Personally, I would like to know more

about EchoLink, what equipment is needed, and how it works. If a knowledgeable ham would like to contact me about presenting a program to EARS on this or any other topic I would be grateful. Others may have things they are knowledgeable about or want to know more on (e.g. APRS, ATV, etc); so, let us know.

Matthew Henry, KE4VEM

Meeting Minutes - March 16, 2006



Call to Order: President Matthew Henry-KE4VEM called the meeting to order with the Pledge of Allegiance to our flag. Introductions were then made around the room. There were 18 members and one guest present, Fred Landgraf-

KI4NZE of Deep Creek, Florida.

February Meeting Minutes: ON MOTION, the February Meeting Minutes were approved as published in the March newsletter.



Treasurer's Report: Vic-K4VHX reported on the results of the Hamfest on March 11, 2006 and said the final tally was not yet known, but the club table sold \$208 worth of donations. Vic expects the

Hamfest income to be well above expenses.

Committee Reports

Sunshine: Cards have been sent to Alice-KE4TVS, Howard-N4MLJ, and Mary Rathbun.

ENGLEWOOD AMATEUR RADIO SOCIETY

P.O. Box 572
Englewood, FL 34295

President Matthew Henry-KE4VEM 380-5980	Vice-President Keith Kelly-KC5AS 697-9325	Secretary Jim Lawler-KB2NZ 423-8051	Treasurer Vic Emmelkamp-K4VHX 473-5560
Trustee Martin Horowitz-N4FA 473-1123	Trustee Keith Herve-WL7CKY 460-0707	Trustee Ken Anderson-W4JQT 475-3172	Trustee Emeritus Don Spencer-WA4IWL 508-234-8070
			Newsletter Editor Dennis Babcock-K4NF 468-4131

EARS Meeting

ENGLEWOOD AMATEUR RADIO SOCIETY meetings are the 3rd Thursday of each month at 7:30PM. Meeting location is the ENGLEWOOD UNITED METHODIST CHURCH 700 E. Dearborn St. (Pine St. & River Road).

Contact one of the officers for directions to the meeting room.

Interested in becoming an EARS member or becoming an Amateur Radio operator? Please contact one of the EARS club officers for details.



RACES: Mel-W9BSM reported the RACES re-organization is making good progress. Remember our monthly drill the last Wednesday and Thursday of each month.

- March 29th on 146.745 at 8:00 pm
- March 30th on 146.865 at 9:30 am

Testing: Marty-N4FA reported volunteer exams are given the 2nd Saturday of each month at the Venice library at 9:00 am. On March 11 there were four candidates and all passed their exams.

DX: - JR-K9HUY reported on the recent DX contest. He worked 164 countries during the contest. Vic-K4VHX reported receiving a QSL card from a ham on Desecheo Island in the Caribbean.

Field Day: Marty-N4FA reported planning is under way for field day. The tent is reserved and the site selected. We will use his call, N4FA, for field day operation.

Old Business

On March 7, 2006 the 146.700 repeater was removed from the Morris Industrial Park site, and is presently stored in Matthew Henry's garage. The Tringali EOC was discussed as a possible site for re-location. Frank-W4VV is checking on the relocation possibility.

New Business

Vic-K4VHX discussed an idea for having the EARS logo put on shirts. Each would buy his own shirt and bring it to Vic. He would arrange to have them all done at once. If interested, please contact Vic.

Announcements

Dave-W4INN announced on March 18th there will be a radio day for kids on the 145.43 repeater (Big Stick) between 10 am and 3 pm.

ON MOTION, the meeting adjourned at 8:15 pm. Coffee and cookies were enjoyed as refreshments after the meeting.

Ken Anderson - W4JQT
Secretary - Pro Tem

Hamfest door prize contributors

- Blue Dolphin Car Wash-Englewood
- Babe's Ace Hardware-Englewood
- Gulf Coast True Value Hardware
- Rogers TV/Radio Shack
- Angelo's Pizza
- Leverocks Restaurant
- Jam's of Cape Haze Restaurant
- The Fishery Restaurant - Placida
- Wal-Mart - Port Charlotte=20
- Whiskey Creek Steakhouse
- Staples-Port Charlotte

A to Z Mower, Inc.
 Badcock Furniture-Port Charlotte
 Bowl-a-rama
 Blue Heron Pines Golf
 Englewood Landscape & Supply

2006 Hamfest Report

Hamfest Income

Ticket Sales (gate and advance) . . .	\$2,365.00
Kenwood radio raffle	<u>315.00</u>
Total Income:	\$2,680.00
Minus Grand Prize paid in cash	- 200.00
Adjusted Income:	\$2,480.00

Hamfest Expenses

Fair Ground deposit	\$100.00
Fair Ground balance	670.00
Ticket Printing	41.35
Flyers	36.73
Stamps	19.50
Kenwood radio/raffle prize	<u>154.95</u>
Total paid by PRRA	\$1,022.53

Flyers	\$ 16.05
Table rental (15 tables)	181.90
Tent rental	<u>25.00</u>
Total paid by EARS	\$222.95

Total Expenses \$1,245.48

Income after expenses \$1,234.52

(Divided by 2 = \$617.26 for each club's share of income)

Disbursement to PRRA

Expenses	\$1,022.53
1/2 Income	<u>+617.26</u>
Total	\$1,639.79

Disbursement to EARS

Expenses	\$222.95
1/2 income	<u>+617.26</u>
Total	\$840.21

- Local Happenings -

VE Exam Sessions: The exams are given at 9:00

AM the 2nd Saturday of each month in the conference room of the Venice public library, 300 South Nokomis Avenue, Venice, FL. The exam cost is \$14.00. Contact Jack Sproat-W4JS, w4js@juno.com, 475-1929.

RACES: Communications Training Nets are held on the last Thursday and Friday of each month. The Wednesday night Emergency Communications Information Net begins at 8PM on 146.745 (-) MHz. On Thursday the Englewood EOC will conduct their Tactical Net beginning at 9:30AM on 146.865 (-) MHz.

QCWA Chapter 53 Meeting:

11:30 AM, 1st Wednesday of each month at Denny's on Bee Ridge Rd., Sarasota, October through May, and the Panda Pavilion in Venice June through September.

Snowbird Net: Net is twice daily; first on 14.278 MHz at 10:00AM and on 7.230 MHz at 7:00PM EST.

Connecticut Connection Net: Net is twice daily at 8:00 AM on 14.340 MHz and at 7:30PM on 7.230 MHz immediately after the Snowbird net.

Weekly Area Amateur Breakfasts:

- Tuesday, 7AM at Denny's in Englewood
- Tuesday, 8AM at Valentine's in Englewood
- Tuesday, 8AM, at Peach's in Venice .
- Friday, 8AM at Mel's Diner in Venice.

Amateur Radio Equipment

For Sale, Trade, Want to Buy

HP officejet 500 printer/scanner/copier/fax in good condition with software \$20
17 inch color monitor in good condition \$15
Visioner scanner & software w/usb \$15 dollars
 Bill-W1AMU 697-3369, wstevens22@ewol.com.

Yaesu FT897D HF/VHF/UHF Transceiver \$750
Yaesu FP30B attached power supply \$150
LGF 897 attached auto-tuner \$150
MFJ 989C 3KW HF Tuner \$150
 Dennis-K4NF 468-4131, k4nf@arrl.net
 Contact the editor to add your equipment.

Local Repeaters

EARS	146.700- MHz	77Hz
RACES	146.865-	
ENG	146.775-	77Hz
NPARC	147.120+	136.5Hz
NPARC	442.100	136.5Hz
PRRA	147.255+	
SERC	145.130-	
SERC	146.730-	100Hz
CARS	146.745-	
SARA	146.910-	
WCF	145.430-	100Hz
TARC	146.805-	100Hz
ENG	444.625	77Hz



Local Two Meter Nets

EARS Simplex	146.580 Friday	7:30pm
NPARC	147.120+ Tuesday	8:00pm
CARS	146.745- Daily	8:30am
TARC	Simplex 146.580 Tuesday	7:30pm
TARC	146.805- Thursday	7:30pm

Editor's Note:

We are looking for articles to post in the EARS newsletters. Any member who would like to contribute an article please contact Dennis-K4NF at k4nf@arrl.net

Members who would like to give a program or have suggestions for a program please contact one of the club officers. We would like your input.

Internet Sites To Explore

Here are some links provided by Vic-K4VHX

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

<http://cityfreq.com/>

The first one will take you to the West Central FL section site which has a lot of useful information about the local area and the second url will take you to a site that lists scanner frequencies by state/city. It shows registered fire, police and commercial frequencies

Do you know of any Internet Sites which might be of interest to Hams? Please forward them to the editor.

April Hamfests

<http://www.arrl.org/hamfests.html>

- ◆ 15 Apr 2006 Free Flea, Flamingo Net & University of Miami ARCs, 5001 San Amaro Coral Gables, FL University of Miami Physics Parking Lot, <http://www.FlamingoNet.8m.net>, Talk-In: 146.865 (PL 103.5), Contact: Bill Moore, WA4TEJ, 73 Palm Avenue, Miami Beach, FL 33139, Phone: 305-264-4465 Email: wa4tej@juno.com
- ◆ 15 Apr 2006 TARCfest XV, Tampa ARC, 7801 North 22nd Street, TARC Amateur Radio Operations Center, <http://www.hamclub.org>, Talk-In: 147.105 (PL 146.2), Contact: Biff Craine, K4LAW, 13515 Greenleaf Drive, Tampa, FL 33613, Phone: 813-265-4812, Email: k4law@arrl.net
- ◆ 22-23 Apr 2006 Gainesville Poorman's Hamfest & Computer Show, Gainesville ARS, 3400 NE 39th Avenue (SR 222), Alachua County Fairgrounds, <http://www.gars.net>, Talk-In: 146.820 (PL 123.0) Contact: Ray Forrester, W4YTC, PO Box 140383, Gainesville, FL 32614, Phone: 352-339-4210, Fax: 386-454-1411, Email: hamfest@gars.us

April Special Events

<http://www.arrl.org/contests/spev.html>

- ◆ Apr 1-Apr 2, 1300Z-2300Z, Moscow, PA. Northeast Pennsylvania Special Event Club, KV3T. Three Mile Island Incident observed. 21.240 14.240 14.045 7.240. QSL. David M. Samsell, W3LOW, 923 Clearview Rd, Moscow, PA 18444. kv3t.tripod.com/
- ◆ Apr 7-Apr 8, 1800Z-2400Z, Tulsa, OK. Tulsa Health Department Amateur Radio Club, K5THD. Celebrating "World Health Day 2006." 21.365 18.155 14.265 7.265 SSTV and PSK31. Certificate. Dave Cox, Tulsa Health Department ARC, 5051 S 129th E Ave, Tulsa, OK 74134. www.tulsa-health.org/k5thd
- ◆ Apr 7-Apr 9, 1300Z-2100Z, Venice, FL. Tamiami Amateur Radio Club, K4S. Annual Venice Sharks Tooth Festival. 21.313 18.153 14.272 7.233. QSL. Jack Sproat, W4JS, 1419E Manasota Beach Rd, Englewood, FL 34223. tamiamiarc.tripod.com
- ◆ Apr 8, 1400Z-2200Z, Hawthorne, NJ. Bergen Amateur Radio Association, K2BAR. Earth Day Celebration. 28.350 21.300 14.300 possible APRS IRLP. Certificate. Fred Buchner, 202 Tenth Ave, Hawthorne, NJ 07506. www.bara.org
- ◆ Apr 8-Apr 9, 0000Z-2359Z, Mesquite, TX. HAM Association of Mesquite, WJ5J. 49th Annual Mesquite Rodeo. 18.129 14.235 7.229 3.929. QSL or Certificate. HAM Association of Mesquite, PO Box 851835, Mesquite, TX 75185. www.mesquiteham.org
- ◆ Apr 8-Apr 9, 0000Z-2359Z, San Angelo, TX. AB5BG. 64th Anniversary of the infamous Bataan Death March. 10 15 20 40 m. Certificate. Don Goff, AB5BG, 1210 Ardmore, San Angelo, TX 76905

- ◆ Apr 9-Apr 15, 1330Z-2100Z, Indian Orchard, MA. Titanic Historical Society, W1MGY. 94th Anniversary of the Titanic voyage. 14.260 14.033 7.260 7.033. QSL. Titanic Historical Society QSL, PO Box 51053, 208 Main St, Indian Orchard, MA 01151-0053. www.hcra.org/titanic.htm
 - ◆ Apr 9-Apr 15, 1700Z-2400Z, Cape Canaveral, FL. Titusville and North Brevard Amateur Radio Clubs, N4S. 25th Silver Anniversary of America's First Space Shuttle Launch, from Kennedy Space Center. 21.350 18.150 14.250 7.250. Certificate. Carl Zelich, AA4MI, 1720 Old River Tr, Chuluota, FL 32766-8603. www.northbrevardradioclub.org
 - ◆ Apr 14-Apr 15, 1400Z-2000Z, Lynden, WA. Mt Baker Amateur Radio Club, K7SKW. Whatcom County Youth Fair. 14.242 14.071. QSL. Rodger Alexander, KK7LK, 3404 Illinois Ln, Bellingham, WA 98226. www.qsl.net/k7skw
 - ◆ Apr 15-Apr 16, 1600Z-0400Z, Rockford, MI. Cincinnati Buckeye Netters, N8M. Commemorating Michigan QSO Party. 14.045 7.045 3.545. QSL. Hank Greeb, N8XX, 5727 11 Mile Rd NE, Rockford, MI 49341-9502
 - ◆ Apr 16-Apr 30, 0000Z-2359Z, Elmhurst, IL. York Radio Club, W9Y. York Radio Club's 70th Anniversary. 14.250 7.260 7.040 3.925 442.875 147.42. Certificate or QSL. Gehl Entwhistle, KB9DVC, 370 N West Ave, Elmhurst, IL 60126. www.yorkradioclub.com
 - ◆ Apr 21-Apr 22, 1400Z-2400Z, Rock Island, IL. Green River and Quad City Historical Radio Societies, W9RI. 150th Anniversary of the 1st Mississippi River railroad bridge. 21.350 14.250 7.250 7.050. Certificate. W9RI, 2519 29th Ave, Rock Island, IL 61201. www.forret.org/grvars/
 - ◆ Apr 21-Apr 22, 1700Z-0200Z, Rupert, ID. Snake River Chapter of the Idaho Society of Radio, W7R. Rupert Idaho Centennial Celebration. 147.00 449.20 7.185 SO-51. QSL. Mike Johnson, WA7NRP, SRCISRA, PO Box 833, Burley, ID 83318. <http://srcisra.info/>
 - ◆ Apr 22, 1400Z-0200Z, Deadwood, TX. Panola County Amateur Radio Club, N5OW. Republic of Texas International Boundary Marker. 14.265 3.915 7.246. Certificate. PCARC, 380 CR 1241, Gary, TX 75643
 - ◆ Apr 22, 1600Z-2200Z, Norman, OK. South Canadian Amateur Radio Society, W5NOR. 89er Day Festival, commemorating the Great Land Run of 1889. 14.289. QSL. SCARS, PO Box 720993, Norman, OK 73072. <http://w5nor.org>
 - ◆ Apr 22, 1300Z-2000Z, Rocky Point, NY. Radio Central Amateur Radio Club, W2RC/IMD. International Marconi Day. 14.270 14.050 7.270 7.030. QSL. Radio Central Amateur Radio Club, PO Box 396, Centereach, NY 11720. www.rcarc.org
 - ◆ Apr 22-Apr 23, 1300Z-1600Z, Morgantown, WV. Morgantown Airport, Civil Air Patrol & Aviation Explorer Post 747, W8V. CAP Aviation and Technology "27 Hour" Day, youth oriented event. Phone only 145.430 28.350 14.250 7.250 VHF simplex 146.460 aircraft at 10,560 ft and APRS weather balloon launch. QSL or Certificate. Civil Air Patrol -- Aviation Explorers, Morgantown Municipal Airport, 225 Hart Field Rd, Morgantown, WV 26505. <http://AvDays.org>
 - ◆ Apr 22-Apr 23, 1600Z-2400Z, Piscataway, NJ. Piscataway Amateur Radio Club, K2VOA. Former Voice of America relay station WBOU. 28.370 21.370 14.270 7.270. Certificate. Bill Toth, 6 Rivercrest Dr, Piscataway, NJ 08854. www.homestead.com/k2voa/
 - ◆ Apr 29, 1400Z-2300Z, Paris, TN. Henry County Radio Society, KE4HC. Celebrating the 53rd Annual World's Biggest Fish Fry. 14.240 7.240. Certificate. Barry Sandefer, W4WYD, 4715 Guthrie Rd, Paris, TN 38242
 - ◆ Apr 29, 1700Z-0000Z, Tarentum, PA. Skyview Radio Society, K3MJW. 38th Anniversary of Allegheny-Kiski Historical Society. 146.640 14.260 7.240. QSL. Robert Bastone, 308 Garden Hill Dr, Tarentum, PA 15084. www.skyviewradio.net
 - ◆ Apr 29-Apr 30, 1400Z-2200Z, Manitowoc, WI. USS Cobia Radio Club/ManCoRad Radio Club, N9BQV. WW II Submarine USS Cobia AGSS-245 on the air. 14.243 14.070 7.243 7.080. QSL. Fred Neuenfeldt, W6BSF, 4932 S 10th St, Manitowoc, WI 54220. www.qsl.net/w9dk
 - ◆ Apr 29-Apr 30, 1500Z-0500Z, Jacksonville, TX. Cherokee County Amateur Radio Club, K5JVL. 5th Annual Drakes on the Lake at Lake Jacksonville. 21.375 14.275 7.275 3.875. Certificate. Cherokee County ARC, c/o Brad Low, K5BDL, 840 Henderson St, Jacksonville, TX 75766
 - ◆ Apr 30, 1200Z-1700Z, Mt Clemens, MI. Utica Shelby Emergency Communications Association, W8A. March of Dimes Walk America. 21.250 14.250 7.250. Certificate. USECA, PO Box 46331, Mt Clemens, MI 48046. www.useca.net
 - ◆ Apr 30, 1200Z-2400Z, Oklahoma City, OK. Oklahoma City Autopatch Association, W5MEL. Sixth Annual OKC Murrah Building Bombing Memorial Marathon. 14.319 7.269 3.919. QSL. AE5MH, 3200 Del Rey Dr, Midwest City, OK 73110. www.qsl.net/ocapa
- WA7BNM April Contest Calendar**
- <http://www.hornucopia.com/contestcal/contestcal.html>
- ◆ RSGB 80m Club Championship, CW 1900Z-2030Z, Apr 3
 - ◆ ARS Spartan Sprint 0100Z-0300Z, Apr 4
 - ◆ YLRL DX-YL to NA-YL Contest, CW 1400Z, Apr 4 to 0200Z, Apr 6
 - ◆ 144 MHz Spring Sprint 1900 local - 2300 local, Apr 4
 - ◆ SARL 80m QSO Party 1700Z-2000Z, Apr 6
 - ◆ JIDX CW Contest 0700Z, Apr 8 to 1300Z, Apr 9
 - ◆ ARCI Spring QSO Party 1200Z, Apr 8 to 2400Z, Apr 9
 - ◆ EU Spring Sprint, CW 1600Z-1959Z, Apr 8
 - ◆ Georgia QSO Party 1800Z, Apr 8 to 0359Z, Apr 9 and 1400Z-2359Z, Apr 9
 - ◆ Yuri Gagarin International DX Contest 2100Z, Apr 8 to 2100Z, Apr 9
 - ◆ Montana QSO Party 2300Z, Apr 8 to 2300Z, Apr 9
 - ◆ UBA Spring Contest, SSB 0600Z-1000Z, Apr 9

- ◆ SARC Hamnet 40m Simulated Emerg Contest 1200Z-1400Z, Apr 9
- ◆ YLRL DX-YL to NA-YL Contest, SSB 1400Z, Apr 11 to 0200Z, Apr 13
- ◆ NAQCC 80m Straight Key/Bug Sprint 0030Z-0230Z, Apr 12 and 0330Z-0530Z, Apr 12
- ◆ 222 MHz Spring Sprint 1900 local - 2300 local, Apr 12
- ◆ RSGB 80m Club Championship, SSB 1900Z-2030Z, Apr 12
- ◆ TARA Skirmish Digital Prefix Contest 0000Z-2400Z, Apr 15
- ◆ Holyland DX Contest 0000Z-2359Z, Apr 15
- ◆ ARLHS Annual Spring Lites QSO Party 0001Z, Apr 15 to 2359Z, Apr 23
- ◆ ES Open HF Championship 0500Z-0559Z, Apr 15 and 0600Z-0659Z, Apr 15 and 0700Z-0759Z, Apr 15 and 0800Z-0859Z, Apr 15
- ◆ EU Spring Sprint, SSB 1600Z-1959Z, Apr 15
- ◆ Michigan QSO Party 1600Z, Apr 15 to 0400Z, Apr 16
- ◆ EA-QRP CW Contest 1700Z-2000Z, Apr 15 (20-10m) and 2000Z-2300Z, Apr 15 (80m) and 0700Z-1000Z, Apr 16 (40m) and 1000Z-1300Z, Apr 16 (20-10m)
- ◆ Ontario QSO Party 1800Z, Apr 15 to 1800Z, Apr 16
- ◆ YU DX Contest 2100Z, Apr 15 to 0500Z, Apr 16 and 0900Z-1700Z, Apr 16
- ◆ Run for the Bacon QRP Contest 0100Z-0300Z, Apr 17
- ◆ Low Power Spring Sprint 1400Z-2000Z, Apr 17
- ◆ 432 MHz Spring Sprint 1900 local - 2300 local, Apr 20
- ◆ RSGB 80m Club Championship, Data 1900Z-2030Z, Apr 20
- ◆ Thursday NCCC Sprint Ladder 0230Z-0300Z, Apr 21
- ◆ DX Colombia International Contest 0000Z, Apr 22 to 2359Z, Apr 23
- ◆ SP DX RTTY Contest 1200Z, Apr 22 to 1200Z, Apr 23
- ◆ Florida QSO Party 1600Z, Apr 22 to 0159Z, Apr 23 and 1200Z-2159Z, Apr 23
- ◆ Nebraska QSO Party 1700Z, Apr 22 to 1700Z, Apr 23
- ◆ Thursday NCCC Sprint Ladder 0230Z-0300Z, Apr 28
- ◆ NA High Speed Meteor Scatter Spring Rally 0000Z, Apr 29 to 2359Z, May 7
- ◆ SBMS 2 GHz and Up WW Club Contest 0600 local, Apr 29 to 2400 local, Apr 30
- ◆ Helvetia Contest 1300Z, Apr 29 to 1259Z, Apr 30
- ◆ Alabama QSO Party 1700Z, Apr 29 to 0500Z, Apr 30

★ (This article is site info is provided by Matthew-KE4VEM for your reading enjoyment.)

From: Gator Amateur Radio Club [GARC-L@LISTS.UFL.EDU] on behalf of Ryan Merton [rmerton@UFL.EDU]

Subject: Paper I Authored On HF Digital Communications

Hey GARC members,

For last semester's EEL4514 (Communications) class I decided to write my term paper on the current state of digital communications in the HF band. Some of you may find it interesting.

I've put the paper up so you can download it at:

http://www.lucidsmog.com/public/HF_Digital_Communications.pdf