



The WA4IWL Newsletter



EARS
P.O. Box 572
Englewood, FL
34295

2001 Officers

President
Vic
Emmelkamp
KF4VHX
473-5560

Vice-President
Marty Henry
KE4UFS
698-0926

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Ken Blackshaw
WINQT
474-0662

Treasure
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K2OY
475-8330

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W4JS
475-1929

Don Spencer
WA4IWL
475-7228

Ken Anderson
W4JQT
475-3172

Newsletter
Editor
Dennis Babcock
K4NF
698-0248

From The President

November, Thanksgiving, Christmas and New Years- time is fleeting by and we are riding down the slippery slope of another year. I hope your plans call for a bountiful thanksgiving dinner with family and or friends this year. Considering what is happening in the world to day it makes sense to get closer to the people who mean so much to us. We can gain comfort from uniting with family and friends in a time when it is so important to be united as a community and a country.

We have heard a lot about the fireman and policeman who worked together to save so many lives in New York and Washington. We can also be very proud of the amateur radio operators who responded within minutes of the disaster to help provide communications when all the normal means of communication were either knocked out or overwhelmed by the events of September 11th. It doesn't seem to matter what the source of the disaster, terrorist, flood, fire or earthquake the first thing that goes is our normal means of communication. I hope emergency management staffs around the country are taking note and will continue to support RACES, ARES and the ham community in general; because we can keep communications up when everything else is down. Keep your gear in good working order and your batteries charges---you never know when you will be needed.

Vic-KF4VHX President

P.S. Having just mentioned the up coming holidays I want to personally invite you and your spouse to our Christmas party, Friday, December 14th at the Elks in Englewood.

News Items

- ★ **License Training:** KD4KVE is planning to teach a Technician Class in Port Charlotte later this month. If anyone wants further information they can call him at 625-0830.
- ★ **FCC Registration:** You may have read that the FCC is going to require all who do business with them have a Federal Registration No. Well to day I went to their site and got mine. It was very easy to do so I am passing along the URL to their web site for our members to use. Here it is: <https://svartifoss2.fcc.gov/cores/CoresHome.html>. Click on the button-"Register and receive your FRN." From there you fill out a two page form with you name address, phone no. SSN. etc. It was very easy to do. I received my FRN immediately and wrote it right on my license. Vic-KF4VHX
- ★ **Skywarn:** To all interested Skywarn individuals, The National Weather Service is planning on conducting two Basic Skywarn classes and two Advanced classes at the Tampa Bay Hamfest in Palmetto on December 1 and 2. The courses will be held as follows:

Basic class	Saturday, Dec 1 at 9:30AM to 11:30AM.
	Sunday, Dec 2 at 9:30AM to 11:30AM.
Advanced Class	Saturday, Dec 1 at 4PM to 6PM.
	Sunday, Dec 2 at 12Noon to2PM.

Note: The prerequisite for taking the advanced class is having successfully completed the basic course. Bring your official certified ID card. --Info: ke4im@sunline.net--

CLUB MEETING

Englewood Amateur Radio Club meetings are on the 3rd Friday of each month at 7:30 PM. Meeting location is at the Englewood United Methodist Church 700 E. Dearborn St. (near Pine St. & River Road). Contact one of the officers for directions to the meeting room.
NEXT MEETING: Friday November 16. The program for after our business meeting is titled "High Speed Internet" and will be presented by Mr. Michael Kulaw from Comcast @Home Internet service.

October Meeting Minutes

President Vic Emmelkamp-KF4VHX opened the meeting at 7:30 PM with a moment of silence for Linda Greene Babcock N9TFU, and then the Pledge of Allegiance to our flag. Bruce-K2OY's wife Helen was a guest.

A motion to accept the minutes of last months meeting as printed in the news letter was made by Freeman-W1NPR. Dennis-K4NF seconded the motion and the motion carried.

The Treasurer's Report was given by Bruce Robideau-K2OY. He stated the balance in the checkbook is \$3,068.73, which is the same as last months balance. A question was asked by Bill Stevens-W1AMU regarding the donations that were voted on at the last meeting. Vic-KF4VHX advised those checks have not been written yet and will be discussed under "Old Business." Bruce also reported that our annual membership payment of \$128.00 to the Chamber of Commerce is due; however it was overlooked in the budget so it must be voted on after 30 days notice by the membership. Bruce reviewed the benefits we receive from our membership in this organization. A copy of the Treasurer's Report was presented to the Secretary for file.

Announcements

- ★ Vic-KF4VHX stated there have been many address changes and we hope everyone is getting their mail. Continue to send in address corrections and let us know if you want the newsletter via Email; it saves us postage.
- ★ Plans for a CHRISTMAS PARTY are as follows:
Location - Englewood Elks Club
Date - December 14th, 2001
Time - Social 6 PM, Dinner 7 PM
Cost - \$5 .00 per person Cash Bar - Order dinner from the Menu
- ★ Election is in progress for the Vice Director of the ARRL Southeast Division. Paul Toth and Sandy Donahue are candidates.
- ★ Port Charlotte clubs are setting up a station for Jamboree On The Air (JOTA) at Wall Mart in Murdock. JOTA starts Saturday October 20 and will be operating on 14.296 MHz.
- ★ Get your ham shack pictures to Freeman Crosby-W1NPR to be entered on the EARS web site.
- ★ Ken-W1NQJ and Bruce-K2OY have made corrections to the speed dial system on the 146.865 MHz repeater.
- ★ J.R. House-K9HUY reported on the Alzheimer walk Saturday October 13th. Those participating were J.R.-K9HUY, Km-W4JQT, Bob-KG4IAW, Bill-W1AMU, Dave-KBOEVM, and Jerry-K4JWE.

Committee Reports

HAMFEST - Vic reported on Hamfest 2002. A meeting is scheduled for next week.

SUNSHINE - Gene Fowler, KA1GCU gave the sunshine report. Cards were sent to Mrs. John Kelly, Diane Henry and Al Wilde-W8JZZ. Diane Henry's surgery is planned for October 24th.

FCC tests - There will be a test session this Saturday, October 20 at the Chamber of Commerce.

DX - Bruce-K2OY talked about DX and reported Conway Reef was on the air.

RACES - Frank-W4VV reported on RACES. Wednesday evening net at 8 PM 146.745 MHz. Thursday at 9:00 AM at Englewood EOC. Net at 9:30 AM on 146.865 MHz.

Old Business

The motions made and passed in last months meeting to donate \$50 to the Police and Fire Relief Fund and \$50 to the Red Cross have been reviewed by the Officers and Trustees. Article VI, Section 2 of the Bylaws states "Disbursement for items not in the approved budget and totaling more than \$50 during the budget year shall require approval of the officers and membership by a two thirds vote at a meeting announced at least 30 days in advance to all members." This vote will be at the November meeting .

New Business

Freeman-W1NPR discussed setting up a web site for the club at EWOL which would cost \$29.95 per year. Freeman said he will go ahead and do it and we can budget it next year. There was no motion for this action.

Adjournment

The meeting was adjourned at 8:15 pm. There were 17 members and one guest at the meeting.

Program

The program was a very interesting slide and talk presented by Al Squires on Save the Manatee

Ken Anderson-W4JQT
Secretary Pro Tem

Silent Key

This just received.: Bert Van Houton-W3TPW past away in October. Bert was a member of Chapter 53 QCWA and the Englewood ARS. Bert had been a ham for 65 years! He will be sorely missed.

Memory Walk 2001 Alzheimer Association

On October 13, 2001, the Englewood Amateur Radio Society members, Dave Hanson-KB0EVM, Ken Anderson-W4JQT, Jerry Mechenberg-K4JWE, Bill Stevens-W1AMU, Bob Carstens-KG4IAW, and J.R. House-K9HUY, participated in MEMORY WALK 2001 by the ALZHEIMER ASSOCIATION.

We provided communications from different locations along the route taken by the walkers. We were to report any unusual happenings such as falls, accidents or illness to net control, KB0EVM, Dave Hanson, and he would contact the proper individuals to handle a given situation. Fortunately all went well and the weather was perfect.

BAY HARBOR FORD was the starting area where all participants registered. Breakfast, which consisted of sausage, biscuits, coffee, orange juice, all different kinds of donuts and cake was provided by BAYHARBOR FORD. Iced, bottled water was also furnished for all participants. There were about 200 participants in the walk. Registration was at 8AM and the walk started at 9AM.

The walk culminated at the BEVERLY HEALTH AND REHABILITATION CENTER at the end of Drury Lane. There was more food for us to partake of in the auction room. The food consisted of small sandwiches which contained a variety of great tasting things, chicken wings, many kinds of cheeses, sliced beef and ham as well as coffee, juice and deserts.

The auction was held in the above area and consisted of auctioning off 93 items donated by local businesses. There were many great items on the table and the items that were auctioned off while I was there were bringing a good price. I was told that the auction last year brought in \$500.

All participants were given a tee shirt and a fine time was had by all.

J.R.-K9HUY

Boca Bop Triathlon

The 3rd Annual Boca Bop Triathlon was held, Sunday, November 4th on Gasparilla Island. This event was voted America's #1 Triathlon last year. The event consists of a 1/4 Mile swim in the Gulf of Mexico, a 13 Mile bike sprint from one end of the island to the other and finally a 5K run. EARS has provided communications support each year. As before, our team manned various stations at the beach, and around the bike and running course. George Shreve-KA4JKY was net controller at the Community Center in Boca Grande village, J.R. House-K0HUY held the fort at the beach and transition station, Tom Hawes-WA3PRC was at the mid-point of the running course on 16th Street and Bob Benkovich-KF4YW was at the mid-point of the bicycle course on the North end of the island. Vic Emmelkamp-KF4VHX had a nice view of the water and the runners while reporting from Millers Marina.

Unable to hold the Grove City repeater (146.865) reliably, the group settled on using 146.52 simplex, which worked fine except for reaching the extreme ends of the island. George had his hands full trying to find the right combination of equipment to get on the air juggling three radios and two antennas. George is looking forward to his next hamfest where a new VHF antenna will be high on his list.

The event was well attended and proceeds from the 2001 Optimist Boca Bop Triathlon will benefit the youth of our communities. The Optimist Club was very appreciative of our support.

Vic-KF4VHX

Internet Site To Check Out

Go to <http://www.qrz.com/> and type in K8ONV. This will present a very nice write-up on Mary Ryden's ham career.

Ever Thought About Working A Contest?

Check with some of the club members like J.R.-K9HUY who really enjoy these events. J.R. knows most of the area hams that like to work contests and will be able to steer you to them. Here is an example of his recent contest summary sheets.

<u>Band</u>	<u>Raw QSOs</u>	<u>Valid QSOs</u>	<u>Points</u>	<u>Countries</u>	<u>Zones</u>
10 SSB	732	732	2120	32	
Final Score: 301,040					

December Hamfests

Dec.1,2: Palmetto (Tampa), FL, Div: Southeastern Sect: West Central Florida Southeastern Division Convention, Florida Gulf Coast AR Council <http://www.fgcarc.org>. Contact: Fred Hendershot, N3BUL, 11316 Leprechaun Drive Riverview, FL 33569 Phone: 813-671-9556, Email: n3bul@arrl.net

EARS Directory Changes

James O'Rourke-N1KKE: Email: jorjor2@msn.com

Larry Luccio-W2FTL
11000 Placida Rd. Apt. 104
Placida, FL 33946
697-6350

146.865 Repeater Note

The autopatch three digit "Speed Dial" feature is working now. Check with Bruce-K2OY about number availability and usage.

Amateur Radio Equipment For Sale

Surplus Equipment by Lois Marlatt KE4NOT
Contact John-VE6AIV for details

Astron SS-25M 20 Amp Switching Power supply \$90.00

Astron RS7-A 7 Amp Power Supply \$35.00

Astron RS20M 20 Amp Power Supply \$70.00

MFJ Versa Tuner II Antenna Tuner Model MFJ-945C \$60.00

MFJ Versa Tuner II Antenna Tuner Model MFJ \$70.00

MFJ Versa Tuner V Antenna Tuner 3 KW Model MFJ-989C \$190.00

Vectronics VC300D Digital Bargraph Antenna Tuner \$110.00

Kenwood TS140S HF Transceiver with hand mic and matching PS-430 power supply \$475.00

Kenwood LF-30A Low Pass Filter \$35.00

Toroids, 8 pair to fit RG-8 type co-ax \$1.00 pair

MFJ Econo Keyer II Model MFJ-401B \$30.00

MFJ VHF SWR/Wattmeter 144-220 MHz Model MFJ-812B \$20.00

MFJ HF SWR/Wattmeter Model MFJ-81 \$20.00

Amprobe Ampmeter (Clamp on) \$50.00

MFJ 2 Position Co-ax Switch Model MFJ-1702B (Quantity 2) \$18.00 each

Unadilla W2AU 1:1 Baluns (New) \$15.00

Active SWR /Field Strength Meter \$5.00

Kenwood Mobile Mounting Bracket MB-430 for TS140, 440, 430, 670, 680, 711a/r, 811abe (New) \$40.00

Startek Frequency Counter Model 15-BG 1-1500 MHz \$90.00

MFJ HF SWR Analyzer Model MFJ-207 \$40.00

MFJ Antenna Resistance Meter Model MFJ-205 \$40.00
MFJ VHF SWR Analyzer Model MFJ-208 \$40.00
Master Craft Soldering Gun 100 & 140 watt setting \$15.00
Eversonic 9 band portable radio \$40.00
Ameritron Solid State No Tune HF Amp with P/S ASL600 & ALS600PS (New \$1099.00) \$650.00
Realistic Nova 28 Head Phones \$10.00
WGA TR2000 Headset with mic \$20.00
MFJ Packet - Pactor Controller Model MFJ1276 \$125.00
MFJ Key & Keyer Combo Model MFJ-557 \$15.00
MFJ Versaload Legal Power Dummy Load Model MFJ-250 (Like Cantenna) \$20.00
Uniden 10 Meter Mobile Transceiver Model HR-2600 \$75.00
Hallicrafters SX99 Receiver
HeathKit "Twoer" 2 meter Transceiver
HeathKit DX60B HF Transmitter & matching HG10B VFO
Winch, Ratchet Hand- Standard Duty \$15.00
Wattmeter, Home Brew? \$5.00
Cushcraft ARX2 2 Meter Ringo Ranger Antenna new \$35.00
Coax 811A Approximately 100 feet (new) \$30.00
Copper Tape 18 yards (new) \$5.00
MFJ Artificial Ground Model MFJ-931 \$40.00
Heil Headphones with HC4 boom mic (Needs ear cushions) \$30.00
B & W AS-80 Trap HF Antenna 80-40-20 Meters New \$100.00
Sanwa Multimeter Model 305-G TR \$5.00
Armaco Multimeter Model AR-20A \$10.00
Hustler Mobile Mast and resonators (RM10, 12, 15, 17, 20, 30, 40, 75) with leatherette carry bag \$50.00

December Special Events

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

Camden, NJ: Victor Amateur Radio Association (VARA), W2VTM. 0000Z Oct 23 to 2400Z Dec 23. Celebrating the 100th Anniversary of RCA-Victor in Camden, NJ. 28.250 21.350 14.300 7.250. Certificate. Victor Amateur Radio Association, c/o L-3 Communications, 1 Federal St, Camden, NJ 08103. See <http://www.qsl.net/w2vtm> for details.

Upton, NY: National Weather Service/ARRL, K2U. 0000Z to 2400Z Dec 1. SKYWARN Recognition Day (OKX). 28.420 21.320 14.240 7.240. QSL. SKYWARN Recognition Day--K2U, PO Box 1356, West Babylon, NY 11704.

Bismarck, ND: Central Dakota Amateur Radio Club, WØA. 0000Z Dec 1 to 0000Z Dec 2. SKYWARN Recognition Day celebrating Amateur Radio operators. 440.200 146.940 28.440 14.330. QSL. NSW Bismarck, Attn: B. Selzler, PO Box 1016, Bismarck, ND 58502-1016.

New York, NY: NYC METRO, Inc and Floyd Bennett Senior Squadron, N2C. 0000Z Dec 1 to 2400Z Dec 2. 60th Anniversary of Civil Air Patrol. 28.660 21.360 14.260 7.260. Certificate. NYC METRO, Inc (KN2MET), Attn: B. Schwartz, 72-222 153rd St, 2H, Flushing, NY 11367-2642.

Disneyland, CA: Disney Emergency Amateur Radio Service, WD6MM. 1800Z Dec 5 to 0600 Dec 6. Celebrating 100 Years of Magic--Walt Disney's 100th Birthday. 28.475 21.375 14.275 146.940. Certificate. Disney Emergency Amateur Radio Service, Attn: Will Michael, Crisis Mgmt, 800 Sonora Ave, Glendale, CA 91201.

Baton Rouge, LA: USS Kidd Amateur Radio Club/Baton Rouge ARC, W5KID. 1500Z to 2300Z Dec 7. Pearl Harbor Day--the anniversary of the death of Rear Admiral Isaac Campbell Kidd, Sr. 28.440 21.340 14.240 10.060. QSL. W5KID, 305 River Rd, Baton Rouge, LA 70803.

Massillon, OH: Massillon Amateur Radio Club, W8NP. 1400 to 2000Z Dec 7 and 1400 to 2000Z Dec 8. Celebrating the Quinseptuacennial (175th) Birthday of the City of Massillon. 28.350 21.350 14.250 7.250 3.850. Certificate. MARC, W8NP, PO Box 73, Massillon, OH 44648.

Wheeling, WV: Northern Panhandle Amateur Radio Club, W8ZQ. 2200Z Dec 7 to 2200Z Dec 8. Operating from Oglebay Park during the Festival of Lights. General phone bands. QSL. Joe McCready, WB8CTC, PO Box 192, Blaine, OH 43909.

Joplin, MO: Four State Amateur Radio Club, NIØW. 1400 to 0200Z Dec 7-8 and 1400 to 0200Z Dec 8-9. Operating from the Camp Crowder College Museum to commemorate the bombing of Pearl Harbor and the Camp Crowder Signal Corps. Camp Crowder schooled servicemen in CW and radio for WWII and the Korean War. 28.350 21.335 14.275 7.290 3.990. Certificate. RSARC, PO Box 4483, Joplin, MO 64803-4483.

Tempe, AZ: SHARC, K7A. 1400Z Dec 7 to 2359Z Dec 9. Commemorating the USS Arizona Memorial 60th Anniversary. 28.470 21.370 14.270 7.270. Certificate. SHARC, 1104 East Campus Dr, Tempe, AZ 85282.

Wilmington, NC: Shelby Amateur Radio Club, N4C. 0400Z Dec 7 to 1600Z Dec 9. From the USS North Carolina, in honor of the 60th anniversary of Pearl Harbor. 28.420 14.260 7.260. QSL. Mark Beaver, KA4TFP, 2007 Taylor Rd, Shelby, NC 28152.

Marion, IN: Grant County ARC, W9EBN. 1500Z to 2400Z Dec 8. Celebrating the Christmas City Walkway of Lights. 146.79 28.410 14.255 7.255. Certificate. L. B. Nickerson, 517 N Hendricks Ave, Marion, IN 46952.

Oxnard, CA: Channel Islands Club, K6CIC. 0001Z to 2400Z Dec 8. Channel Islands Club Fifth Anniversary. 28.700 28.410 28.340 28.330. Certificate. Channel Islands Club, 4404 Anchorage St, Oxnard, CA 93033.

St Johnsbury, VT: St Johnsbury Academy Wireless Club, W1SJA. 1300Z to 1800Z Dec 8. Celebrating Amateur Radio in schools. 28.400 14.230 7.250. Certificate. Bruce Burk, St Johnsbury Academy, 1000 Main St, St Johnsbury, VT 05819.

Baltimore, MD: Historical Electronics Museum Amateur Radio Club, W2W. 1400Z Dec 8 to 2200Z Dec 9. Commemorating the Pearl Harbor attack, December 7, 1941. 14.245 14.045 7.245 7.115. Certificate. HEMARC W2W, PO Box 746, MS 4015, Baltimore, MD 21203.

Vandenberg AFB, CA: Satellite Amateur Radio Club, W6AB. 1600Z Dec 8 to 0400Z Dec 10. Celebrating the 40th Anniversary of the OSCAR-1 launch (Dec 12, 1961). 29.550 21.440 14.250 7.250. QSL. Satellite ARC, PO Box 5117, Vandenberg AFB, CA 93437.

Martinsburg, WV: W8M. 1200Z Dec 9 to 2400Z Dec 15. Honoring the 100th Anniversary of Marconi's Achievement. 28.350 21.350 14.280. QSL. Ron Westberg, WRØN, 101 Fulks Terr, Martinsburg, WV 25401.

Green Bay, WI: Live-Wire Group, N9ZRT. 0000Z to 2400Z Dec 12. Celebrating Marconi's 100th Anniversary transatlantic contact with a kite antenna. 28.355 18.155 14.285 7.245. QSL. David H. Hatch, 887 St Charles Dr, Green Bay, WI 54311.

Bethlehem, IN: Clark County ARC, W9WWI. 1500Z Dec 14 to 2200Z Dec 15. Celebrating the Christmas Season. General Class portion of 75, 40 and 20 meters. Certificate. CCARC, W9WWI, 1805 E 8th St, Jefferson, IN 47130.

Baltimore, MD: Historical Electronics Museum Amateur Radio Club, N1S. 1400Z Dec 15 to 2200Z Dec 16. Celebrating the 100th anniversary of the Marconi transatlantic message. 28.348 21.115 14.245 7.115. Certificate. HEMARC N1S, PO Box 746, MS 4015, Baltimore, MD 21203.

Hermann, MO: Hermann Bearcat ARC, KØM. 1400Z Dec 14 to 2400Z Dec 17. Commemorating the beginning of Hermann Bearcat ARC at Hermann Junior High School. 28.335 14.256 14.250 7.120. Certificate. Hermann Bearcat ARC, KCØJYV, 164 State Hwy 100 W, Hermann, MO 65041.

Belen, NM: Valencia County ARA, KC5OUR. 1300Z Dec 22 to 2400Z Dec 24. Celebrating Christmas from Belen (Bethlehem), NM. 28.462 21.362 14.262. QSL. KC5OUR, PO Box 268, Peralta, NM 87042.

Merchantville, NJ: Amateur Radio Lighthouse Society (Member 001), K2JXW. 0001Z Dec 22 to 2359Z Jan 2. Lighthouse Christmas Lights 2001. 28.373 21.373 14.273 7.273. QSL. Jim Weidner, K2JXW, 114 Woodbine Ave, Merchantville, NJ 08109. Visit ARLHS.com for details.

Riverton, NJ: Amateur Radio Lighthouse Society (Member 100), KC2HOU. 0001Z Dec 22 to 2359Z Jan 2. Lighthouse Christmas Lights 2001. 28.368 21.368 14.268 7.268. Certificate. ARLHS, Box 2178, Riverton, NJ 08077. Visit ARLHS.com.

Atkinson, NH: Atkinson Amateur Radio Club, K1D. 0500Z Dec 22 to 0500Z Jan 6. K1MOM and W1DAD Present Kid's Day Amateur Radio Awareness. 28.370 21.370 14.270 3.895. QSL. Peter Schipelliti, 7 Dearborn Ridge Road, Atkinson, NH 03811.

Hickory Creek, TX: N1CC. 0000Z Dec 24 to 2359Z Dec 25. Number One Christmas Carol 22nd Annual Operation. 28.475 21.390 14.280 7.240. QSL. Jim LaPorta, 147 Shasta Dr, Hickory Creek, TX 75065. Updates at members.aol.com/n1cc.

Trenton, NJ: Delaware Valley Radio Association, K2GW. 1400Z to 2000Z Dec 26. 225th Anniversary Washington Crossing the Delaware. 14.270 7.270. QSL. Gary Wilson, K2GW, 587 Flock Rd, Hamilton Square, NJ 08690.

December Contests

From: WA7BNM's Contest Calendar-

<http://www.hornucopia.com/contestcal/contestcal.html>

<i>TARA RTTY Sprint:</i>	1800Z, Dec 1 - 0200Z, Dec 2
<i>Tennessee QSO Party:</i>	1800Z, Dec 2 - 0100Z, Dec 3
<i>QRP ARCI Holiday Spirits Sprint:</i>	2000Z - 2400Z, Dec 2
<i>ARRL 160-Meter Contest:</i>	2200Z, Dec 7 - 1600Z, Dec 9
<i>Six Club 1st Winter Contest:</i>	2300Z, Dec 7 - 0300Z, Dec 10
<i>PSK31 Death Match:</i>	0000Z, Dec 8 - 2400Z, Dec 9
<i>ARRL 10-Meter Contest:</i>	0000Z, Dec 15 - 2400Z, Dec 16
<i>OK DX RTTY Contest:</i>	0000Z - 2400Z, Dec 15 28
<i>MHz SWL Contest:</i>	0000Z, Dec 15 - 2400Z, Dec 16
<i>Croatian CW Contest:</i>	1400Z, Dec 15 - 1400Z, Dec 16
<i>AGB Party Contest:</i>	2100Z - 2300Z, Dec 21
<i>DARC Christmas Contest:</i>	0830Z - 1059Z, Dec 26
<i>RAC Winter Contest:</i>	0000Z - 2400Z, Dec 29
<i>Stew Perry Topband Challenge:</i>	1500Z, Dec 29 - 1500Z, Dec 30
<i>Original QRP Contest, CW :</i>	1500Z, Dec 29 - 1500Z, Dec 30 J