

WA4IWL NEWSLETTER

www.earsradioclub.org



May 15, 2016

SECRETARY'S REPORT



Ken Blackshaw W1NQT

ENGLEWOOD AMATEUR RADIO SOCIETY Minutes of the Meeting

April 19, 2016

Pam Eggleton, K1UEG, opened the meeting at 7:02 p.m. with the Pledge of Allegiance. This was our first meeting at the Englewood Chamber of Commerce location.

We had 17 members and one guest present for this meeting.

Secretary's Report – A motion to approve the minutes as published in the last newsletter was made and passed. Matthew Henry will be acting as Secretary 'pro-tem' for the next few meetings.

A motion to approve the Treasurer's report as written in the newsletter was made, seconded, and passed unanimously.

CORRESPONDENCE: Chamber of Commerce – one year plus initiation - \$152. Bill has been paid.

COMMITTEE REPORTS:

- 2) Sunshine – Vic Emmelkamp has taken over from Marcia Fowler – no activity.
- 3) RACES – Charlie Utz reported things are progressing at L.A. Ainger, and Vic Emmelkamp reported on LBHS. We still are learning to do digital at LBHS. It was commented that both stations are NOT near where staff and students are, which will complicate service in an actual emergency situation.
- 4) Publicity – None
- 5) Testing – See bulletin
- 6) DX – Ray Magsby, - see bulletin. 'Non-paper' QSL systems were discussed. DX-peditions can't handle 1,000 plus paper QSLs arriving, so digital is preferred.
- 7) Hamfest/FD – See FD Comments under old business.

OLD BUSINESS: Field Day – Ray Magsby reported that the South Gulf Cove 'Pavillion' is available for June 25/26, and the manager is very positive about hosting a 'ham' event.

Matthew Henry moved that we authorize Ray to go ahead and rent this location – cost \$50.00. 2nd by Ken Blackshaw and passed unanimously.

The active FD committee will be composed of Skip Hayes, Vic Emmelkamp, Ray Magsby, Ken

Blackshaw, and Matthew Henry. A more detailed report of FD plans will be presented at the May meeting.

NEW BUSINESS: Matthew Henry asked about Club participation in the annual Pioneer Days parade to be held on Labor Day. There was little or no interest in doing so.

Matthew also asked about this year's budget, which we're assuming is the same as last year's. He would like next year's budget to include our traditional \$500 scholarship. We have already missed the deadline for 2016 scholarships.

ANNOUNCEMENTS:

Vic Emmelkamp commented that the Club now has a HyGain Tri-band beam and tower for sale if anyone local is interested. Else, it will be listed on various web-based sales sites.

Jack Landis also let us know that has a complete station, with antennas for sale.

Next meeting will be in May. The June meeting will be our Field Day event. After that, the next Club Meeting will be in October.

The meeting was adjourned at 7:58p.m. so we could move to the program.

PROGRAM: We had planned to show a 'DX-pedition' DVD, but discovered that Matthew's Windows 10 machine has no 'native' Media-Player application, so we had to depart without seeing the video. Perhaps next month?

Matthew Henry generously provided and ran the computer hookup to show these slides.

Respectfully submitted, Ken Blackshaw
Secretary

Next Meeting
Tuesday, May 17th
7:00 pm
Englewood Chamber of Commerce
601 South Indiana
rear entrance

TREASURER'S REPORT



Treasurer Mike K4MWD

Current account:

Date	Description	Type	Status	\$Amount	\$Available Balance
Amount included in Available Balance					
05/10/2016	Check 1007: Deposit for 2015 Dinner		C	-50.00	6,155.14
05/09/2016	Check 1018: So Gulf Cove HOA field day		C	-25.00	6,205.14
Statement as of 04/30/2016 (view statements) >>					
04/28/2016	Proc fro Fowler Magsby		C	178.50	6,230.14

income: \$178.50 proceeds from Fowler, Magsby
expenses: \$25.00 South Gulf Cove Field Day rent
\$50.00 Rotonda Elks finally cashed check
for last year's party deposit
balance: \$6155.14

Respectfully submitted
Mike Daly K4MWD
Treasurer

DX



Ray Magsby KK4LGF

<http://www.ng3k.com/misc/adxod.html>

DX Gathering

One of the many highlights at the Dayton Hamvention is the DX Forum, which will be held in Room 1 on Saturday, May 21 from 2:45 – 5:00 PM (local time). Remember you will want to be waiting at the door just prior to 2:30 or already be inside at the Contest Forum, which runs from 12:30 – 2:30 PM. Once again the Southwest Ohio DX Association (SWODXA) will run the program with Jay, K4ZLE, and Pete, NØFW, moderating this year's event. On the program will be:

- VP8SGI and VP8SSI South Sandwich & South Georgia by Dave Collingham, K3LP
- K5P Palmyra by Craig Thompson, K9CT, and Lou Dietrich, N2TU
- VKØEK Heard Island by Dr Bob Schmieder, KK6EK
- TX3X Chesterfield Islands by Gene Spinelli, K5GS, and Les Kalmus, W2LK

See you there!

DX News from Around the Globe

7X — Algeria. Members of the Algerian Amateur Radio Union are planning several lighthouse operations with special calls in the coming months (see Table 1).

QSL all via 7X5ARU: PO Box 414, Biskra 07000, Algeria. Award hunters and those who enjoy working lighthouse stations should note that the upcoming 7Y9 station operations, beginning April 28 will offer an award. Check out the calls, dates, and award details at www.qrz.com/db/7y9li.

Table 1
Algerian Lighthouse Operations

Call Sign	Dates	Lighthouse
7Y9LI	April 28 – May 2	CAP IVI (ALG013)
7Y9GH	May 19 – 23	CAP TENES (ALG018)
7Y9TH	July 14 – 18	RAS AFIA (ALG029)
7Y9OU	August 18 – 22	MARSA (ALG022)
7Y9SE	September 15 – 19	CAP SIGLI (ALG-016)

9M6 — East Malaysia. 9M8RC will operate from Satang Besar (OC-165), East Malaysia from April 30 to May 2. QSL via 9M8WAT.

E5/S — South Cook Islands. John, A16LY, will activate E51XYZ from Rarotonga, South Cook Islands May 23 – 28. Listen for him on all modes operating both portable and mobile on 7 – 28 MHz. QSL via LoTW and eQSL.

FS/PJ7 — Saint Martin/Sint Maarten. Laurent, FM5BH, plans to do a holiday-style operation from both ends of Saint Martin. First from the French side as FS/FM5BH from May 1 – 4, and then from the Dutch side as PJ7/FM5BH from May 5 – 8. He's using a 200 W TS-480HX with a Buddipole and MyAntenna. He will be mostly on CW 80 – 10 meters. QSL via his home call.

JD1/M — Minami Torishima. Take, JG8NQ/JD1, will be back on Marcus Island working at the weather station and QRV until mid-May. He is taking along a dipole for 80 and 40, the "Diamond W-735." QSL to JA8CJY.

T8 — Palau. Kan, JI2RCJ, will be staying at the IMPAC Palau Rental Shack from May 1 – 5 and plans to be on the air as T88RF from May 1 to 5. He'll be posting his logs to Club Log at secure.clublog.org/logsearch/T88RF. QSL via JI2RCJ either direct or via the JA QSL bureau. After his operation he will be posting to LoTW and eQSL.

VK9N — Norfolk Island. Australian operators Chris Chapman, VK3QB; Brenton Vowles, VK3YB; Luke Steele, VK3HU; Lee Moyle, VK3GK, and Allan Meredith, VK2CA, will be operating VK9NT from Norfolk Island May 20 – 31. This operation also coincides with the Wireless Institute of Australia's (WIA) 2016 Annual General Meeting (AGM) and conference. Actually, there may be several other individuals operating from VK9N during this time frame, including the WIA Commemora-

tive VB9ANZAC station.

The VK9NT crew plan to be on CW, SSB, and RTTY on 1.8 – 28 MHz. They will have two Kenwood TS-480HX transceivers and an Elecraft KX3 with a KPA100

amplifier. Dipoles will be used from a height of 25 – 30 meters above the ground using Norfolk Island Pines. They will also have a 160 meter sloper for Topband. Details of the WIA AGM can be found at www.wia.org.au/joinwia/wia/2016agm. The VK9NT website is at vk9nt.odxg.org.

Paul, VK5PAS, has also announced that he is going to Norfolk Island for the above mentioned WIA AGM and plans to operate "holiday style" as VK9PAS from May 23 – 30. QSL via MBOXO.

XZ — Myanmar. Back in October 2015 Derek, G3KHZ; Hans, SM6CVX; Nils, SM6CAS; Ulrika, SM7WYN, and Eddy, K5WQG, announced their plans to activate three new island groups on the air: AS-185, AS-183, and probably AS-184, with a fourth group under consideration. Originally, the time frame was to begin in February or April. After the original announcement it was announced there would be general elections in Myanmar with a new government in place by March of this year, thus delaying the team's plans, which have now been moved "until after the summer period to allow plenty of time for licensing and for HF conditions to be as favorable as possible." Transportation between the islands and the equipment transport has already been arranged through a tour agency. They plan to spend 6 days on each island group and operate on CW, SSB, and RTTY.

From Tom Hawes

Frustrated Funding, Breached Secrecy Foiled North Korea DXpedition, Group Leader Says

04/26/2016

A co-leader of the recent VP8STI/VP8SGI "Intrepid DX Group" DXpedition, said this week that what he called "a surprising lack of support and lack of funding from some of the world's paramount DX foundations" thwarted his group's plans to mount a DXpedition to North Korea. In "The P5DX Story" posted on April 25, Paul Ewing, N6PSE, said that years of negotiations had finally yielded a written invitation from the Democratic Peoples Republic of North Korea (DPRK) — the most-needed DXCC entity — to operate there.

"We had hoped to be the first large DXpedition with clear and unambiguous proof that we were active within the country and with real evidence of permission," Ewing said in announcing the DXpedition's cancellation.

The Intrepid-DX Group announced its "P5 Project" in 2013. After considerable expense and nine visits to North Korea, nothing had paid off until recently. An "emissary" with strong ties to the DPRK and a regular visitor there took an interest, Ewing said. "We renewed our proposal, and the talks continued," he wrote. "Finally, North Korea agreed to a 10-day Amateur Radio activity with three radios and up to 20 team members. A venue was investigated and approved." Officials insisted on no advance publicity, and all involved were sworn to secrecy.

"Our last major hurdle was that the DPRK was asking for a very large fee to be paid for the permissions at various government levels and ministries to operate from within the DPRK," Ewing recounted. The size of the requested fee, Ewing said, prompted him to approach several large Amateur Radio foundations for financial help. "All of our fees would be paid directly to a China-based tour company, and no direct exchange would take place with the North Koreans," Ewing pointed out. But the group was rebuffed. "I am deeply disappointed that they could not find a way to support our plans," he said.

Ewing said he and co-leader David Collingham, K3LP, decided they had no other choice but to "drain

our own personal retirement savings to provide the bulk of our funding.” Money for various fees as well as equipment and air fare ran into the thousands of dollars. “We purchased roughly \$16,000 in equipment, and we spent almost \$4000 to ship it FedEx to Beijing to our staging area, where it still sits,” he said.

Then, word leaked out, igniting an Amateur Radio media firestorm. “We tried not to comment at all, but the rumors would not go away,” Ewing said. “Finally, we admitted we might be making progress but begged for discretion.” But, he continued, “Things began to spiral out of control.”

A week before the team’s planned departure, Ewing learned that officials had denied him and some other team members permission to enter North Korea, leading to his decision to cancel the entire enterprise. “I could not devote a sizable chunk of my life savings for a project that I could no longer participate in,” he explained. “The financial losses suffered by Intrepid DX and all of our team members are substantial.” “We had permission. We had a team. We had all necessary equipment staged in Beijing. We had a venue in North Korea. We had flights and hotels to China and the DPRK confirmed,” Ewing summarized. “What we did not have was the support of those we asked to remain quiet, nor the support of anyone we asked for help with funding. This could have been a DXpedition for the record books. But now we will never know.”

In addition to the late 2015 P5/3Z9DX operation and the 2001-2002 activity by P5/4L4FN, the only other approved ham radio operations from North Korea occurred in 1995, when Martti Laine, OH2BH, and two other Finnish radio amateurs demonstrated ham radio by making 20 contacts as P5/OH2AM. In 1999, Laine operated briefly as P51BH, making just 263 contacts.

LOCAL:

SARASOTA SK



Ron Wetjen, a resident of Sarasota, Florida, passed away May 9th, 2016 at the age of 55 after a courageous battle with cancer. Ron is lovingly remembered by his mother Brigitte Wetjen, of Sarasota, Fl., sister Sue Wetjen Slaubaugh of Sarasota, brother Jeff Wetjen of Birmingham, Al, nephews Trey and Kyle Wetjen of Fayetteville, TN, and niece Abby Slaubaugh of Sarasota. Ron was born in Lachine, Quebec in 1960. Ron and his family moved to Long Island NY in 1963, and later to Sarasota in 1974. Ron was a 1978 graduate of Sarasota's Riverview High School. Ron was employed by Business Credentialing Services of Morristown, NJ, and worked as a risk management auditor. Ron was licensed by the FCC as an amateur radio operator in 1976, and received the call sign he would use throughout his 40 years as a ham operator, WD4AHZ. Ron was a highly skilled Morse code operator, and frequently put these skills to the test in international ham radio contesting events. He routinely won awards in these international competitions. In addition to these weekend competitions, Ron enjoyed chatting with his many friends around the world "over the air" to hone his Morse code skills. Outside of his beloved ham radio, Ron volunteered countless hours assisting Sarasota County Emergency Management in the development of backup radio communications

systems. In recognition of this work, the Emergency Operations Center's Comm Room was recently named the "Wetjen Radio Room" to honor Ron. On the social side, Ron enjoyed bowling in local leagues, and attending Riverview High School mini reunions and reconnecting with his friends. Ron was a very avid Tampa Bay Lightning fan.

Wetjen Memorial Fund - Ron Wetjen, WD4AHZ

The Wetjen family requests that donations be made in lieu of flowers to a Memorial Fund that has been established in memory of Ron. The Memorial Fund recognizes Ron's lifelong interest in amateur radio contesting, and his outstanding contributions to the hobby.

In recognition of Ron's German heritage, and the strong bonds of friendship forged by Ron over the years with countless German ham operators, the Florida Contest Group (FCG) will match funds donated in Ron's memory, up to a limit of \$1,000, to help support the World Radiosport Team Championship, that is organized by German ham operators, and will be held in Germany in 2018. The World Radiosport Team Championship is said to be the "**Olympics of Ham Radio**" because it brings together top flight ham operators from the world over to participate in an international radiosport competition. It would have been Ron's dream to be a part of such an event as a competitor, so your donation will make that dream come true for Ron in some small way.

To make a contribution to the Wetjen Memorial Fund, please mail a check made payable to the **Florida Contest Group** to:

- Florida Contest Group
- c/o Fred Perkins, K4LQ - FCG Treasurer
- 3437 Lake Josephine Dr.
- Lake Placid, Florida 33852

Please include "**Wetjen Memorial Fund**" on the memo line of your check.

Donations may also be sent via PayPal by using the following e-mail address:

flacontestgroup@gmail.com

F.Y.I. from the North Port club.....

I would like to do a study group for the TECH license starting June 2 at the Port Charlotte United Methodist Church---- That's Thu nights from about 6:30 to 8:30 pm other than the Thu night we do VE testing and will run about 12 weeks.

anyone that's interested have them contact me at ke4tjo@embarqmail.com / Ke4tjo@arrl.net or call 941 6197933.

Thanks
Gino KE4TJO

The Sun / Tuesday, April 26, 2016

City supports radio operators

OUR POSITION: The city's dialogue with amateur radio operators was the appropriate way to clear the air in what appeared to be a conflict.

As occasionally happens, the city recently had to deal with ruffled feathers due to rumors and a misunderstanding.

A man from Ohio who bought property on Tropicale Boulevard erected a 185-foot-high antenna for his ham radio. Amateur radio operators play a critical communication role whenever a cataclysmic event such as a hurricane or tornado occurs.

Seeing the tower go up troubled several people, including some city commissioners. The second-floor meeting room was filled with amateur radio operators who wondered about the city's rules.

Commissioner Rhonda DiFranco, a retired police officer who drives past the property several times a day, said she felt better when the perimeter of the property, where the antenna was located, was fenced.

She explained there was concern teenagers might want to try to climb the tower, noting she might have been among them when she was a girl.

Scott Williams, who heads the building department, and City Attorney Mark Moriarty reassured them the city knew their essential activities were protected by federal law. Williams noted the only city involvement was to be sure the concrete pad that attached the antenna to the ground was properly installed.

One member of the radio group complained the Ohio man was hassled by the city. City Manager Jonathan Lewis reassured him that was not the intent of the city and added the operators had city support.

When people understood why the high tower was erected, the dust-up ended.

Hamfests

05/28/2016 | Wormfest 2016

Location: Pinellas Park, FL

Type: ARRL Hamfest

Sponsor: The Glorious Society of the Wormhole

Website: <http://w4orm.org/>

ARRL EXPO

at 2016 Dayton Hamvention®

May 20, 21, 22 -- 2016

[Forums](#) • [Exhibit & Activities Guide \(PDF\)](#) • [Youth Rally \(registration\)](#)



Where: Dayton Hamvention at the Hara Arena Conference and Exhibition Center, 1001 Shiloh Springs Road Dayton, OH 45415

Official websites:

- hamvention.org

Testing

Please email the contact to confirm dates and times.

Sponsor: SCARE

Date: Third Monday of each month

Time: 7:00 PM (Walk-ins allowed)

Contact: Gino J. Ferranti

(941) 629-7933

Email: ke4tjo@arrl.net

Location: Edgewater Methodist Church, 19190

Cochran Blvd., Port Charlotte, FL.

Sponsor: Tamiami ARC

Date: Second Saturday each month

Time: 10:00 AM (Walk-ins allowed)

Contact: John R. Sproat

(941) 475-1929

Email: w4js@juno.com

Location: Jacaranda Public Library, 4143

Woodmere Park Blvd, Venice

Reservations Appreciated!

<http://tamiamiarc.org/ve-exam-sessions>

Venice FL 34285-2416

RACES: Communications Training Nets are held on the last Wednesday and Thursday of each month.

The Wednesday night Emergency Communications Information Net begins at 8 PM on 146.745.(-)MHZ with a PL of 136.5

QCWA Chapter 53 Meeting:

QCWA Suncoast Chapter 53 meets year round. From October through May, we meet at 11:15 AM the first Wednesday of every month at Denny's, 3701 Bee Ridge Rd., Sarasota. From June through September, we have informal lunches at the Hibatchi Grill Buffet. FYI, there are no chapter dues, all are welcome, and we have pretty good programs at our Sarasota lunch/meetings.

Snowbird Net: Net is twice daily; first on 14.317 MHz at 10:00AM and on 7.233+- MHz at 7:00 P.M.

Connecticut Connection Net: Net is twice daily at 8:00 A.M. on 14.343+- MHz and at 6:40 P.M. on 7.184+- MHz.

PA/Florida Connection Net: Net is twice daily at 8:00 -9:00A.M. on 14.340 MHz and at 6:30-7:00 P.M. on 7.233 MHz.

Two Meter Nets

EARS 146.550 - Wednesday 7:30 p.m.

NPARC 147.120 Tuesday 8:00 p.m.

CARS 146.745 - Daily 8:30 a.m.

TARC 444.100 +5MHZ PL 100 Tuesday 7:30 pm.

TARC 146.805 – PL 100 Thursday 7:30 pm.

PRRA 146.255 - Sunday 8:00 p.m.

NI4CE 145.430 - Daily 8:30 p.m WCF ARRL Traffic net

Food and Fellowship

Punta Gorda ELKS lodge, Shore Drive in Punta Gorda, 11:00 AM Every Friday.

Denny's Restaurant, corner of RT 41 and RT 776 in Murdock, 7:30 AM Every Saturday

IHOP Punta Gorda, diagonally across RT 41 from the Police and Fire Station and directly across Grace St. from the Golden Corral. 1145 Am Wednesday.

Denny's – Englewood, SR 776 and Placida Rd (next to Bay Harbor Ford) : 7:00 AM every Tuesday

LOCAL REPEATERS

Please look on the last page for repeater tables.

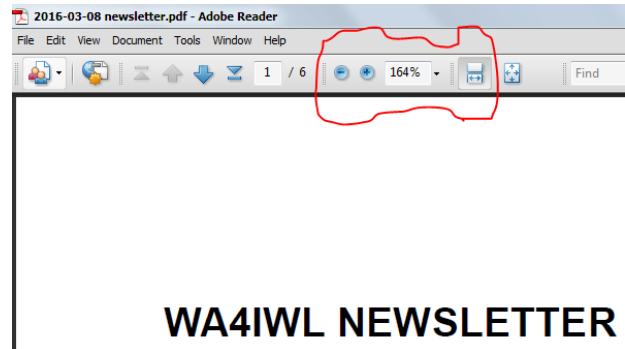
FROM THE EDITOR



Mike K4MWD

Update from NY morning low in the upper 30s this morning and a passing shower around noon deposited what our local forecaster calls grollpel, but we all know it as snow. I haven't got the dock in the water yet as the water temp is only 46 degrees, maybe next week. As we begin our first summer without monthly meetings (after next Tuesday) I hope to continue to produce newsletters. So if you run into an interesting article email it to me.

A couple of articles this month came from scans of print articles. Some can be tough to read, but remember you can enlarge the text on a pdf file to make reading easier.



Use the boxes in the red area to control size.

Take care and have a safe summer.

mike

If you run into an article you'd like to see included, please email me at mike@mmdaly.com.

LOCAL REPEATERS

27 repeaters found within 50 MILES of 34223 26.9779941, -82.3560389.

● = On-Air ● = Off-Air ● = Testing ○ = Unknown

Click on the frequency for additional details.
Click on a header to sort.

VOIP Legend: A=AllStar; E=EchoLink; I=IRLP; W=WIRES

Frequency	Offset	Tone	Call	Location	ST/PR	Use	VOIP	Mi	Dir	
145.1700	-0.6 MHz	136.5	KG4VDS	Fort Myers	FL	OPEN		37.9	SE	●
145.2100	-0.6 MHz	100.0	W4HEM	Lake Placid, Lake Placid	FL	OPEN		64.8	E	●
145.3300	-0.6 MHz	100.0	W4HEM	Avon Park, National Guard Armory	FL	OPEN		66.8	NE	●
145.3900	-0.6 MHz	136.5	K4QCW	Fort Myers	FL	OPEN		37.9	SE	●
145.4300	-0.6 MHz	100.0	NI4CE	Varna, Cox radio tower	FL	OPEN		28.8	N	●
145.4700	-0.6 MHz	97.4	WA4PAM	LaBelle, EOC	FL	OPEN		55.5	SE	●
146.6250	-0.6 MHz	127.3	N4EMH	Wauchula	FL	OPEN		51.6	NE	●
146.6850	-0.6 MHz	136.5	KF4QWC	Punta Gorda	FL	OPEN		19.4	ESE	●
146.7300	-0.6 MHz	100.0	N4SER	Sarasota	FL	OPEN		27.0	NNW	●
146.7450	-0.6 MHz	136.5	WX4E	Punta Gorda	FL	OPEN		19.4	ESE	●
146.7600	-0.6 MHz	136.5	W4KR	Fort Myers	FL	OPEN		37.9	SE	●
146.7750	-0.6 MHz		K0DGF	Englewood, Florida	FL	OPEN		1.1	S	●
146.8200	-0.6 MHz	100.0	K4GG	Bradenton	FL	OPEN		38.4	NNW	●
146.8650	-0.6 MHz	136.5	K8ONV	Port Charlotte, Charlotte County Sports Complex	FL	OPEN		16.3	ESE	●
146.8800	-0.6 MHz	136.5	KI4PTZ	Fort Myers	FL	OPEN		37.9	SE	●
146.9100	-0.6 MHz	100.0	W4IE	Sarasota	FL	OPEN		27.0	NNW	●
146.9550	-0.6 MHz	100.0	K4BRC	Bradenton	FL	OPEN		38.4	NNW	●
147.0750	+0.6 MHz	100.0	W4MIN	Arcadia	FL	OPEN		34.7	E	●
147.1200	+0.6 MHz	136.5	K4NPT	North Port	FL	OPEN		8.7	E	●
147.1800	+0.6 MHz	100.0	W4MIN	Arcadia	FL	OPEN E		34.7	E	●
147.1950	+0.6 MHz	103.5	KF4MBN	Bradenton	FL	OPEN		38.3	NNW	●
147.2700	+0.6 MHz	100.0	W4HEM	Sebring, Highlands County EOC	FL	OPEN		65.6	E	●
147.2850	+0.6 MHz	136.5	W1RP	Lehigh Acres, Lehigh Medical Center	FL	OPEN		50.2	SE	●
147.3000	+0.6 MHz	141.3	KD4MZM	Sarasota	FL	OPEN		27.8	NNW	●
147.3450	+0.6 MHz	136.5	WG4K	Fort Myers	FL	OPEN		37.9	SE	●
147.3750	+0.6 MHz	123.0	N2FSU	Lehigh Acres	FL	OPEN E		51.3	SE	●
147.3900	+0.6 MHz	100.0	N4SER	Sarasota	FL	OPEN		25.4	NNW	●

17 repeaters found within 50 MILES of 34223 26.9779941, -82.3560389.

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Frequency	Offset	Tone	Call	Location	ST/PR	Use	VOIP	Mi	Dir	(*)
442.3500	+5 MHz	100.0	W4HCA	Avon Park	FL	OPEN		67.4	NE	●
442.9500	+5 MHz	100.0	NI4CE	Verna	FL	OPEN		30.6	NNE	●
444.1000	+5 MHz	CC1 100.0	W4AC	Englewood	FL	OPEN		1.1	S	●
443.9500	+5 MHz	100.0	NI4CE	Lake Placid, Happiness Tower	FL	OPEN		64.8	E	●
444.4500	+5 MHz	77.0	WB4FOW	Fort Myers	FL	OPEN		37.9	SE	●
442.4500	+5 MHz	136.5	WB2FAU	Fort Myers	FL	OPEN		37.9	SE	●
444.9750	+5 MHz	136.5	WX4E	Punta Gorda	FL	OPEN		19.4	ESE	●
443.2750	+5 MHz		AC4FL	Naples, Wiggins State Park	FL	OPEN		58.1	SE	●
444.5500	+5 MHz	141.3	KD4MZM	Sarasota	FL	OPEN		27.0	NNW	●
444.9250	+5 MHz	CSQ	W4IE	Sarasota	FL	OPEN		27.0	NNW	●
444.8000	+5 MHz	100.0	N1DP	Hancock	FL	OPEN		35.2	SE	●
444.2000	+5 MHz		W4MIN	Arcadia	FL	OPEN		34.7	E	●
444.8250	+5 MHz	100.0	W4HEM	Avon Park, Bombing Range	FL	OPEN		77.6	NE	●
443.8750	+5 MHz	100.0	NI4MX	Lakewood Ranch	FL	OPEN		30.3	N	●
444.8750	+5 MHz		K4TAP	Bradenton, Mixons Fruit Farm	FL	OPEN		38.4	NNW	●
442.1500	+5 MHz	94.8	KA2LAL	North Port	FL	OPEN		8.7	E	●
444.7000	+5 MHz	CC1	N4SER	Laurel	FL	OPEN		12.1	NNW	●