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The NEWS and VIEWS of
The Fort Myers Amateur Radio Club, Inc.
P.O. Box 061183
Fort Myers, FL 33906

Founded 1957
Visit our web site at WWW.FMARC.NET

The FMARC meets the last Tuesday of every month at 7:15pm

The President's Message

Well Field Day is upon us. As I write this, Field Day is next Saturday. Hopefully you will receive this well before Field Day. We had a good turnout at the swap shop for the planning meeting last Saturday. Equipment was gathered and antennas were tested. This should make setup go rather rapidly and without any major problems.

I am hoping for a high turnout by all of the club members. We need people to setup, operate and dismantle on Sunday. Remember that the operators that stay all night won't be in tip top shape when dismantling takes place.

Let's see if we can beat last year's score. See you at Field Day.

73, Paul W1RP

F.M.A.R.C. INFORMATION:

The Fort Myers Amateur Radio Club, Inc., is a non-profit corporation of both Federal Communication Commission and internationally licensed radio operators who volunteer themselves and their communications equipment in support of emergency and community services.

BOARD OF DIRECTORS:

President.. Paul Ramsden (W1RP)
(239) 549-5330
Vice President. Russ Moorman (WX4L)
(239) 281-6387
Secretary.. Brittany McDonnell (KJ4OYP)
(239) 878-3139
Treasurer. Norma Remson (KI4JFN)
(239) 543-5487
Director. Laing Batchler (NT4TS)
(239) 214-0005
Director. Larry Zimmer (W4LWZ)
(239) 282-1526
Former President. Joe Ryan (N3NAI)
(239) 458-9721

COMMITTEE CHAIR PERSONS:

Larry Zimmer, W4LWZ.. . ALERT - Lee Cnty EC
Larry Zimmer, W4LWZ.. Education
Edward Radke, K9GZT.. Greeter
Larry Zimmer, W4LWZ.. Hamfest
Tim Bennett, KJ4MUY. The Modulator
Stella Gurka, WB2FAU.. Net Manager
Joe Ryan, N3NAI.. Property Control
Jim Niccum, AF4YH. Public Relations
Mike Meehan, KI4PTZ. Repeaters
Joe Ryan, N3NAI.. Scheduled Contests
Open.. Social Activity
Stella Gurka, WB2FAU.. Special Events
Charles Istenes, KI4GED.. The Swap Shop
Larry Stiles, WF4LS. VE Coordinator
Larry Zimmer, W4LWZ.. W4LX Trustee
Mike Meehan, KI4PTZ. Webmaster

The club's web site can be found at:

<http://www.fmarc.net>

A list of local repeaters can be found at:

http://www.fmarc.net/local_repeaters.htm

A.L.E.R.T.

The All Lee Emergency Response Team (A.L.E.R.T.) is looking for volunteer licensed ham radio operators. We need volunteers to man the shelters, hospitals, fire and police departments, and other critical facilities both during and after severe storms. If you would like to provide a much needed service to your community, contact Larry Zimmer (W4LWZ), Lee County Emergency Coordinator, at:

Phone: (239) 282-1526 Email: w4lwz@arrl.net

REGULARLY SCHEDULED MEETINGS:

REGULAR CLUB MEETING & PROGRAM: is the "last" Tuesday of each month. Members, friends, and interested persons meet at the Riverside Community Center (3061 E. Riverside Dr., Fort Myers, FL 33916 (239) 461-3788) at **7:15 PM** for reports from all committee chairpersons, announcements of present and future activity, old business issues, any new business for the club, and a program and/or speaker for the meeting.

BOARD OF DIRECTORS MEETING is the **2nd** Wednesday of each month at the Araba Shrine on Hanson Street in Fort Myers at **7:30 PM**. The purpose of this meeting is to discuss plans and issues for the club. Members are encouraged to attend.

THE FORT MYERS AMATEUR RADIO CLUB Weekly Meetings On-the-Air:

Our radio club meets weekly on Monday nights at 7:30pm on the 147.165 repeater with a PL tone of 127.3 Hz until the 147.345 repeater has been fixed.. This net is to keep members of our club updated on current issues, events, and information as they happen. There is a trader net that will follow where you can buy, sell, trade or request any equipment or amateur radio related items.

The SWAP SHOP gathering of Hams and friends is on the **2nd & last** Saturdays at **noon** at the clubhouse in Waterway Park at 5820 Poetry Lane in North Fort Myers. Sell, swap and bargain.

VOLUNTEER EXAMINERS conduct testing for Amateur Radio FCC License application qualifications on the **2nd** Thursday at **6:30 PM** at the Emergency Operations Center on Ortiz Avenue.

THE MODULATOR

The Modulator is an organizational publication for the purpose of informing members of F.M.A.R.C. of educational and training opportunities, club events, relevant news articles, and a monthly calendar of daily activities, meetings and dates. All inquiries can be made to F.M.A.R.C., Inc. at P.O. Box 061183, Fort Myers, FL 33906

Editor and Publisher: Tim Bennett (KJ4MUY)
(239) 691-0682. 3921 SE 18th Place, Cape Coral, FL 33904-5010 E-Mail: TBennettcc@hotmail.com

The deadline for news and articles is the 15th of the month.

Submissions of articles and ads for the Modulator should be sent as early as possible by email to **TBennettcc@hotmail.com**.

IMPORTANT: To avoid my spam trap, the subject **MUST** start with [**Modulator**] including the square brackets or it may be missed. Plain text is preferred and please DON'T send all uppercase. Call me at (239) 691-0682 if you have any questions or problems submitting an item. Ads are free to members, are accepted on a space-available basis, and may be edited for clarity or space.

Every member of F.M.A.R.C. is invited to submit articles for the Modulator.

FMARC "LUNCH BUNCH"

~~The Golden Corral
4690 Colonial Boulevard, Fort Myers, FL
3/4 of a mile west of I-75
Every Thursday, 12:30pm~~
**IS ON SUMMER HIATUS! JOIN US IN
OCTOBER 2011!**

This is a wonderful opportunity to meet with fellow Hams, share a meal and camaraderie. Bring a guest! Bring a friend! Bring a radio! It's also a great way to introduce individuals to the hobby who may be interested in becoming a ham. See you there!

Questions? Contact Roger L. Diekema (KI4NQM), diekema4@hotmail.com or (239) 656-6709 (home), (239) 247-2725 (cell).

Board Meeting Minutes for 6-8-11

Meeting called to order: 7:42pm

Attendance: KI4JFN, KI4JFO, KJ4MUY, KJ4OYP, W1RP, KI4GED, N3NAI, NT4TS, W4LWZ, KK4BQN.

Health & Welfare: The owner of ICE where Russ ordered the filters was found silent key in his workshop. Articles can be found online, and the company is not taking any orders right now.

Treasurer's report: Still making the transition as treasurer. He has finished filling out paperwork for Suncoast Federal Credit Union and is also still working on a new quick report in our books.

Old Business: Larry (W4LWZ) has spoken to Mr. Toth who emailed Sadie from the EOC about putting up a repeater link between here and Tampa. Larry will be meeting with him in passing as he will be passing through Ft. Myers and will find out more information to report back then. The weather service in Ruskin is in favor of this link being set up.

New business: Field Day – need a quieter fan for the swap shop. Tom (AC4TM) and Joe (N3NAI) will go through the coolers to find out if we need anything ahead of time for Field Day. 501(c)3 – Paul (W1RP) will write a narrative of what we do as a club, our purpose. Joe (N3NAI) will write a conflict of interest. Bill (KG4VDS) has been relieved of his position as repeater chairman and Mike (KI4PTZ) will take over for him. Bill has a lot of repeater information to give to the Mike. Joe (N3NAI) will get an inventory list of what we have in the swap shop, what we have to sell, and what we're keeping. Russ has an option to put up the 885 machine on the tower at LCEC but he needs to figure out a way to rig the phone line and access it. This tower is the same location as 444.475 the repeater will need to be programmed, tune the duplexer, hook up coax and run phone line and will be up at least 100ft. Bill (N9WS) has taken over the SWFTN as Butch has become ill and is resigning.

Meeting adjourned: 9:07pm

Respectfully submitted,
Brittany (KJ4OYP) Club Secretary

General Meeting Minutes for 5-31-11

Meeting called to order: 7:25pm

Health and Welfare: Alvin Reeves (WD4IFB) passed away last Saturday. He was a past member of FMARC and GCARC and ALERT. He will be missed. Dave (WG4K) notified us. Paul (W1RP) has the obituary from the News Press if you're interested in seeing it.

Treasurer's report: All bills paid as they come in. Checking the mail once a week.

Secretary's report: Received an e-mail from Sadie at the EOC about a gentleman names Mr. Toth who is interested in putting up a repeater or something related. Larry will make contact. Still taking vest orders, Ginny is healing up nicely but still unable to embroider any vests until August or September. I also have two FMARC shirts in large size available. Vests and shirts are \$15 each.

New business: Field Day: The food menu has been sorted and completed. Tom (AC4TM), Charles (KI4GED) and Dave (WG4K) rebuilt the EOC tri-beam after the Airfield disaster. The last return to earth for the Endeavour space shuttle will be tonight at 2:35am, there will be two sonic booms and it should be coming in right over Ft. Myers!

Other business:

Committee reports:

Larry (W4LWZ): Alert: Have eight people going to attend the next CERT training. Class is from 7-9pm at the Ft. Myers beach district by Red Coconut RV park. If interested, see or contact Larry ASAP! Also, welcome to your 2011 hurricane season as of 6-1-11 Hamfest: Will be January 21st, 2010 and everything has been arranged with the shrine for location. Hamfest is on the back burner for right now until after Field Day.

W4LX trustee: "It's still there!"

Jim (AF4YH): For Field Day notice you have to send out your information 10 days before event. For news papers send out fax because otherwise they won't talk to you. He does have a contact at the Breeze now, and you must remember that TV stations will promise to come out, but if something

else happens like a "fire in a trash bin", they will go for that over Field Day.

Dave (WG4K): The 345 repeater has been reprogrammed, but the signal gets weaker and weaker after a while. He has been trying to work on it between trips. He will be leaving in 8 days to go out of town on a journey around the world for two months. Right now he can't do anything further with the machine until he finds a schematic for it.

Tim (KJ4MUY): If you have anything to add to the Modulator let him know.

Joe (N3NAI): Property management: we are selling a lot of items! Eventually we are going to list items on the FMARC website and the Modulator for sale.

Stella (WB2FAU): Monday net is at 7:30pm on 147.165 with a PL tone of 127.3 until the 170 repeater is repaired. Possible special event at a lighthouse, locations could be at Boca Grande or Sanibel. Mike (KI4PTZ) is looking into Sanibel to find out if we would have power.

Charles (KI4GED): Swap Shop. 2nd and last Saturday of the month. The last Saturday is field day - no swap shop.

Meeting ended: 8:40pm

Respectfully submitted,
Brittany (KJ4OYP) Club Secretary

The CCD Antenna

The CCD(current controlled distribution) antenna is a high gain, good radiation broadbander. Although highly specific for one frequency, it is broadband & a good harmonic antenna.

Essentially, it is very simple to build. At 20 meters, it is a dipole 70 feet long, with 195pf capacitors every 17 1/2 inches. A 9 inch end wheel of solid copper wire at each end reduces dielectric and ground losses. A 4-1 balun is connected at the CCD center. Any feedline of any length can be used.

Even though it is specific for 20 meters, it is an excellent DX antenna for all bands with an antenna tuner.

For design details, contact:
Jim Niccum AF4YH at 239-997-6423

WE NOW HAVE A 10 METER NET

I have started a SWFL 10 meter net.
This net will run every Wednesday on 28.333MHz.
USB at 5:00pm local time.

I would like to see a good turn out, last week we had four stations! If you want to check your equipment, test to see if you hear my station. I will start from the horizontal side, then the vertical side.

Hope to here you there!

Harry (KD4JMV)
Naples, FL
With help from Jeff (NJ2F)

SUNSPOT AWARENESS!

Check this link! Neat sunspot activity
and a video from new satellite watching sun
Joe (N3NAI)

<http://www.dailymail.co.uk/sciencetech/article-2000596/Solar-flare-Sunspot-cycle-threatens-disrupt-Earth-communications-power.html>

Another good link is: <http://www.solarham.com/>
curtsey of Russ (WX4L)

A little Ham humor from Leon (K9GCF)

A REWARD OF 500 MICROFARADS IS OFFERED FOR THE INFORMATION LEADING TO THE ARREST OF HOP-A-LONG CAPACITY. THIS UNRECTIFIED CRIMINAL ESCAPED FROM A WESTERN PRIMARY CELL WHERE HE HAD BEEN CLAMPED IN IONS AWAITING THE GAUSS CHAMBER. HE IS CHARGED WITH THE INDUCTION OF AN 18 TURN COIL NAMED MILLI HENRY WHO WAS FOUND CHOKED AND ROBBED OF VALUABLE JOULES. HE IS ARMED WITH A CARBON ROD AND IS A POTENTIAL KILLER. CAPACITY IS ALSO CHARGED WITH DRIVING DC MOTOR OVER A WHEATSTONE BRIDGE AND REFUSING TO LET THE BAND-PASS. IF ENCOUNTERED, HE MAY OFFER SERIES OF RESISTANCE. THE

ELECTROMOTIVE FORCE SPENT THE NIGHT SEARCHING FOR HIM IN A MAGNETIC FIELD, WHERE HE HAD GONE TO EARTH. THEY HAD NO SUCCESS AND BELIEVED HE HAD RETURNED OHM VIA A SHORT CIRCUIT

HE WAS LAST SEEN RIDING A KILOCYCLE WITH HIS FRIEND EDDY CURRENT WHO WAS PLAYING A HARMONIC.

And also.....

Engineering Conversion Factors you did not know about.

01. Ratio of an igloo's circumference to its diameter = Eskimo Pi
02. 2000 pounds of Chinese Soup = Won ton
03. 1 millionth of a mouthwash = 1 microscope
04. Time between slipping on a peel and smacking the pavement = 1 bananosecond
05. Weight an evangelist carries with God = 1 billigram
06. Time it takes to sail 220 yards at 1 nautical mile per hour = Knotfurlong
07. 365.25 days of drinking low calorie beer = 1 Lite year
08. 16.5 feet in the Twilight Zone = 1 Rod Sterling
09. Half a large intestine = 1 semicolon
10. 1,000,000 aches = 1 megahertz
11. Basic unit of laryngitis - 1 hoarsepower
12. Shortest distance between two jokes - a straight line
13. 453.6 graham crackers = 1 pound cake
14. 1 million microphones = 1 megaphone
15. 1 million bicycles = 1 megacycle
16. 365 days = 1 unicycle
17. 2000 mockingbirds = two kilomockingbirds
18. 10 cards = 1 decacard
19. 52 cards = 1 deckacard
20. 1 kilogram of falling figs = 1 Fig Newton
21. 1000 grams of wet socks = 1 literhosen
22. 1 millionth of a fish = 1 microfiche
23. 1 trillion pins = 1 terrapin
24. 10 rations = 1 declaration
25. 100 rations = 1 C-Ration
26. 2 monograms = 1 diagram
27. 4 nickels = 2 paradigms
28. 5 nautical miles of intravenous surgical tubing at Yale University Hospital = 1 I.V. League

A little something from Tim (KJ4MUY):

A bad one-liner...

A friend of mine recently admitted to being addicted to brake fluid. When I questioned him about it he told me he thought he could stop any time.

DAYTON 2011:

Stella (WB2FAU) and Dave (WG4K) attended the Dayton Hamfest this year. During their trip, they also went to the Wright Patterson National Air Force Museum. They had a wonderful time. She has sent me some picture to share with all of you. All pictures are taken by Stella and submitted for the Modulator.

Brittany (KJ4OYP)



DAYTON



Stella (WB2FAU) and Tom (WB8UUJ)



QCWA forum



Stella, Fran, Larry and Dave.



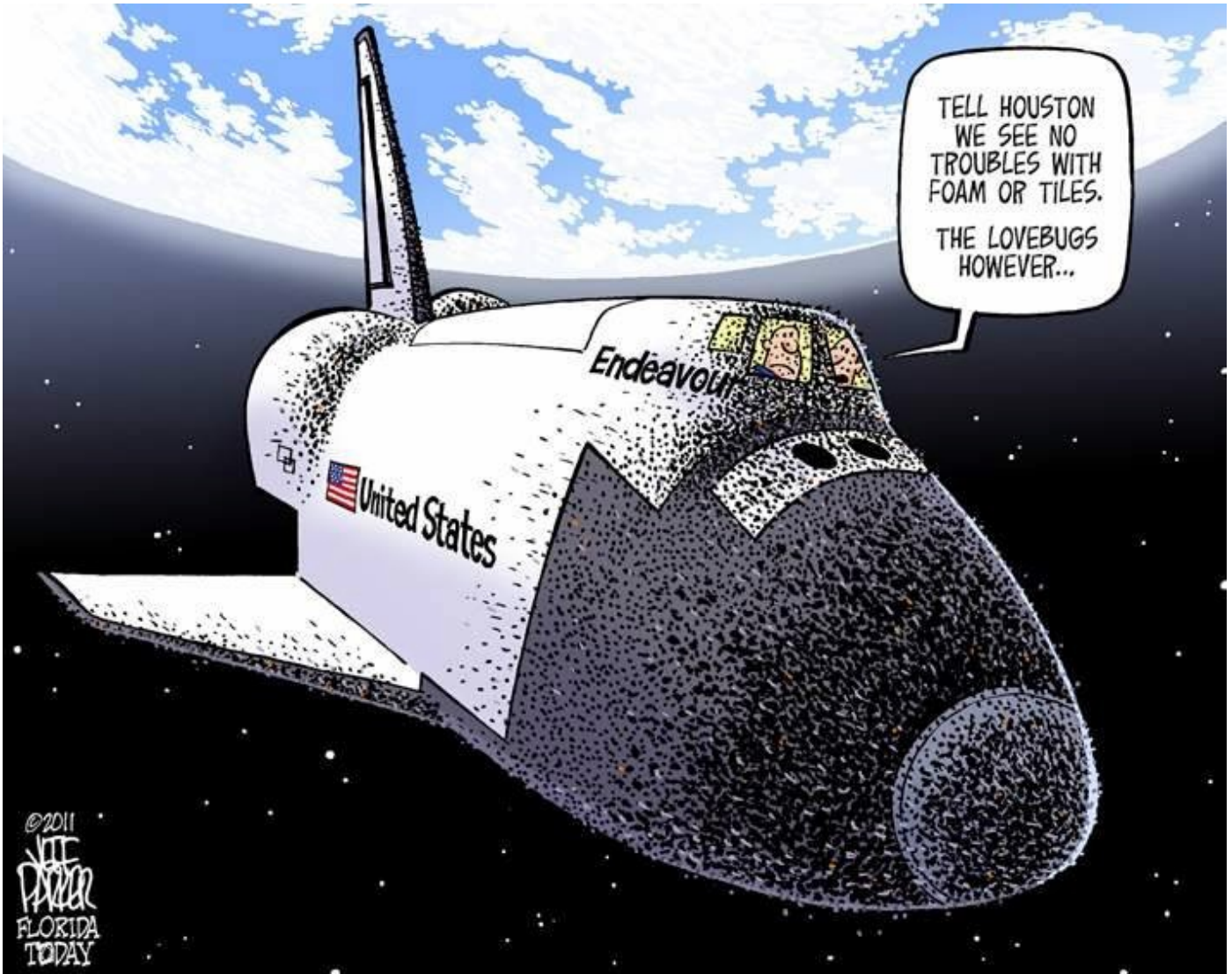
Air Force Museum

Dave (WG4K) On his way to the ISS!



Air Force Museum

Stella (WB2FAU) looking ravishing as always!



This photo is courtesy of Norm (NC3F)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<h1>July 2011</h1>					1 SWFTN 10:00am	2 SWFTN 10:00am
					3 Loggerhead Net 7:30pm Windmill Net 9:00pm	4 SWFTN 10:00am FMARC Net 7:30pm
10 Loggerhead Net 7:30pm Windmill Net 9:00pm	11 SWFTN 10:00am FMARC Net 7:30pm	12 SWFTN 10:00am	13 SWFTN 10:00am FMARC Board Meeting 7:30pm (ARABA) ALERT Net 7:30pm	14 SWFTN 10:00am VE Testing 6:15pm C.C. Gabfest 8:00pm	15 SWFTN 10:00am	16 SWFTN 10:00am
17 Loggerhead Net 7:30pm Windmill Net 9:00pm	18 SWFTN 10:00am QCWA lunch 11:30am (at Mugs n' Jugs) FMARC Net 7:30pm	19 SWFTN 10:00am	20 SWFTN 10:00am ALERT 7:30pm (In-person mtg.)	21 SWFTN 10:00am C.C. Gabfest 8:00pm	22 SWFTN 10:00am	23 SWFTN 10:00am
24 Loggerhead Net 7:30pm Windmill Net 9:00pm	25 SWFTN 10:00am FMARC Net 7:30pm	26 SWFTN 10:00am FMARC General Meeting 7:15pm	27 SWFTN 10:00am ALERT Net 7:30pm	28 SWFTN 10:00am C.C. Gabfest 8:00pm	29 SWFTN 10:00am	30 SWFTN 10:00am Swap Shop 12:00pm (at Waterway Park)
31 Loggerhead Net 7:30pm Windmill Net 9:00pm				Daily & Weekly Nets of Record: Loggerhead Net - 146.790, Sunday 7:30pm Windmill Net - 28.475 USB, Sunday, 9:00pm Southwest Florida Traffic Net - 145.170 & 147.345, Mon-Sat 10:00am Fort Myers Amateur Radio Club Net - 145.170 & 147.345, Mon 7:30pm All Lee Emergency Response Team Net - 147.165, Wed 7:30pm Cape Coral Gabfest - 146.490 simplex, Thursday, 8:00pm		