



.E.A.R.S EARS

Volume 2 , Issue 3

March 2007

Watt's going on

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Special Thanks to:

@alt Disney Company



Watt's Going on.

With Hamcation behind us, we now have 2 upcoming events in the works. The annual 1/2 Iron man competition and Field Day 2007. We are currently looking for volunteers for both

events. As far as the Iron man competition goes, we have yet to meet with the group to nail down the details. As for our annual Field Day, plans are in the works. We are looking into the

usual spot at Mickey's Retreat. With the FCC dropping the code requirement and a bunch of ham's upgrading, this years Field Day just might jammed packed with operators.

WIFI Workshop

The WIFI Workshop.

This is a new category we are adding to our newsletter due to the growing popularity and the use of WIFI. at this years Hamcation I met a emergency group from Coco Beach, that uses long distance WIFI for there com-bus. This WIFI connection allows them the ability to have internet and

guilty lined phone service. The group demonstrated that while at Hamcation at Orlando; they were accessing an IP server in Coco. That is a distance of roughly 50 miles plus. Very impressive for a 20 foot high 12" x 12" flat panel antenna. With this new category I will try to include some of the antenna designs and articles I have found

in me research on this subject. As promised here is the first antenna project that I am currently working on. This is a high gain yagi antenna that is fairly easy to fabricate. I haven't completed it as of yet, but it looks promising. A small WIFI yagi instructions on page 4.

Com-Trailer

The Com-Trailer.

Our little Com-Trailer was on display at this year Ham-cation. Hopefully everyone got to see it. There still more work to be done on it. The interior is almost complete. The floor and counter top are in place. The wiring and the lighting are now in progress. One more logo need to be painted on the right side of the trailer. Hopefully the trailer will be complete for this years Field Day.

SITE 2

Site 2

Well with all of the other projects going on, site 2 has been put on the back burner for the time being. Although we do have a working HF, UHF and VHF station. Upcoming projects for site 2 might include wiring for the generator and WIFI internet access.



HALF IRONMAN

The Half Iron man.

We have been asked to participate in this years Half Iron man competition. A meeting is set for the first part of March to go over our part for this event. The days, times, locations and function

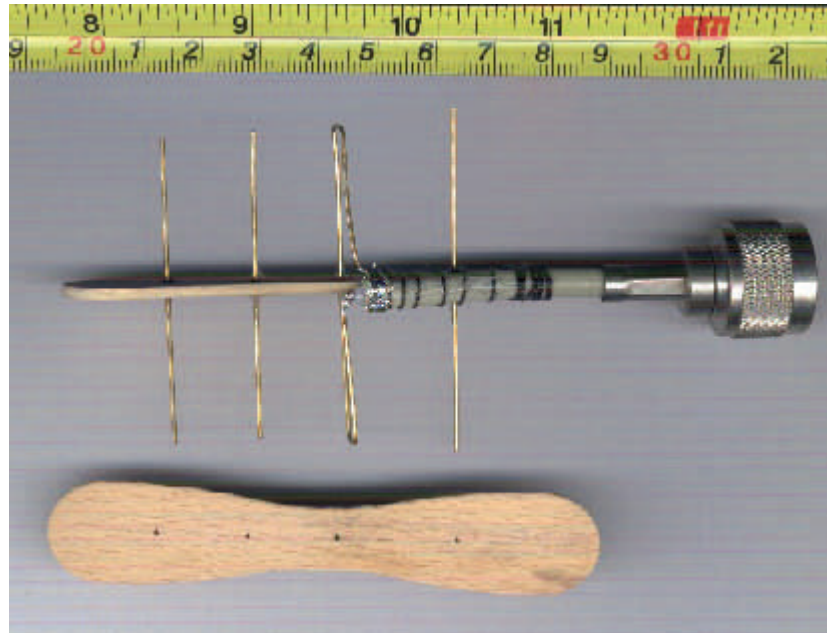
are still to be determined. Jim Hanna has been appointed as this events communication captain. Any body wanting to volunteer for this event, please contact Jim Hanna ether by phone @ 407-873-9207 or by e-mail KG4URL@CFL.RR.COM

CALENDAR OF EVENTS

March 2007

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3 ARRL Inter-national DX Contest (Phone)
4 ARRL Inter-national DX Contest (Phone)	5	6	7	8	9	10
11	12	13	14 D.E.A.R.S Meeting at Fire Station #4 @ 6:00pm	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

WiFi Antenna



The wire is 0.8 mm brass (model-making)

Elem	length	distance (mm)
------	--------	---------------

1	58	0	(reflector)
2	53.5	20	<- driven elem, it is a 'folded di-
3	52	35	pole'...
4	51.5	50	

Field Day 2007

Field Day 2007.

Well its start to creep up on us once again. Ideas and suggestions are wanted for this year's event. We need to plan for some new and better antennas. We are trying for Mickey's Retreat this year. We need to get everybody to come out and have some fun. This year just might be spectacular, due to the influx of new hams and upgraded hams with the new FCC rules. Any

and all suggestions or comments we welcomed. This event might work out some of the bugs in our new trailer.

Hamcation 2007

Hamcation 2007

Many thanks go out to all of those of you who volunteered at this year's event. Many thanks go out to some members of the Osceola Group. Some of the members from the Osceola Group donated all of there volunteer time to the D.E.A.R.S.

Group. Thanks go out to Bill Azar N2WFU and John Haden KG4BFJ of all there continuing help with this event.



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D.E.A.R.S.
Disney Emergency Amateur Radio Service

We're on the Web!
WWW.dears-radio.org



D.E.A.R.S. Is a non-profit organization, providing emergency communications. Our responsibilities are for the city of Bay Lake, The City of Lake Buena Vista. And for The Reedy Creek Improvement District. In The unfortunate event of an emergency, we are capable of providing radio communication locally, county, state, nationally, and world wide.