

JUNE 81

Vol 7#8

Feed Back

VE3OSR

146.34 - 146.94



600 GREEN

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~~Laverne Wyville -~~

VE3 LPD

Vice. Pres:

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VE3 LPT

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~~Laverne Wyville VE3LPT~~

VE3-ID5

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VE3-BTS

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~~DON RICHARDS VE3IDS~~

Send Feedback correspondence to - Georgian Bay Amateur Radio Club
General Delivery, Owen Sound.

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GEORGIAN BAY AMATEUR RADIO CLUB

DEPARTMENTS

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Laverne Wyville VE3 LRD
2. Editors Notes
Dick Shave VE3 BIS
3. Minutes of Last Meeting
Sec/Tres. Don Richards VE3 IDS
4. Local News
Harvey Smith VE3 FOT
5. World Wide Amateur News
Fred Kuznicki VE3 KPK
6. Technical Section
Don Rowe VE3 LZX
7. Swap Shop
Ted Scarrow VE3 AEO
8. Articles
Members At Large
9. Comming Events
Editor
10. Club Activities
Andy Kalning VE3 LCZ

THE PRESIDENT'S MESSAGE.

The May meeting of the GBARC. was well attended, and the new executive was instated, as the 1980-81 season draws to a close with the June meeting.

After the elections were closed, a cut and dried situation, a short film was presented by Harvey on the formation of weather caused by our solar furnace the Sun.

After the meeting most of the members met at Albert and Walters for the usual rag chew.

The summer break will bring a lot of changes to some of our stations as we tend to our antenna systems BEFORE the cold weather sets in.

~~The June meeting will be held at the usual meeting place unless you are otherwise notified. SEE LAST PAGE~~

Drive carefully when on vacation, and don't forget to keep in touch on the Sunday morning net and on 2 meters.

Lets have a good turn out for field day for one last get-together.

Best of 73's.

VE3 LPD

EDITORS NOTES

Greetings from your new Editor
I wish to thank those of you who gave me this opportunity.

In taking over the editorship I plan to produce Feedback by assembling submissions provided by Department Heads (see index).

Each edition will hopefully consist of a submission from each Department Head or his designate.

All material should be in my hands BEFORE the end of the first week of each month.

If you have an article or news item please get it to the Department Head responsible.

I hope you like the idea - I hope I can make it work.

One more item - Feedback is a good little club paper, help me to keep it that way.

73 DICK VE3 BIS

LOCAL NEWS GBARC JUNE 81

Don't forget Field Day 27 - 28 June

The horse trials Owen Sound 21 June & 26 July see Bill Hardie VE3 EFX. 16 operators for two meter mobile or handheld.

Rahn VE3 MAI is looking for 2 Mtr. equipment.

Guelph Flea Market & Side Band Dinner 13 June.

Andy VE3 LCZ is still waiting for his azden to come back from the repair shop.

Harvey gets permission to erect Dipole Ant. BUT the tower he wants to use had been ordered removed - tough break Harv.

Ted AEO is now into gardening he wants any good suggestions, good man Ted keep at it.

Bill VE3 EFX has a new beam - I guess Bill didn't know it "won't help" improve line noise or postal service.

Lots of new Ham licences in the area..

Lloyd King	VE3 MTW	Kincardine
Frank Caiger Watson	VE3 MTF	Kincardine
Norm Biggar	VE3 MTV	Owen Sound
John Mann	VE3 MAV	Wingham
John Strong	VE3 JAS	Wingham
Ged Parker	VE3 HUA	Elmwood

If anyone would like to invite them to visit a local club or net I'm sure they would be welcome.

Don VE3 IDS has built a good mobile whip see tech. section

Dick VE3 BIS will be marine mobile starting 26 June - Lake Huron Georgian Bay 2 mtrs.

Mel VE3 LPG has been spotted prowling around the junk emporium in Kitchener.

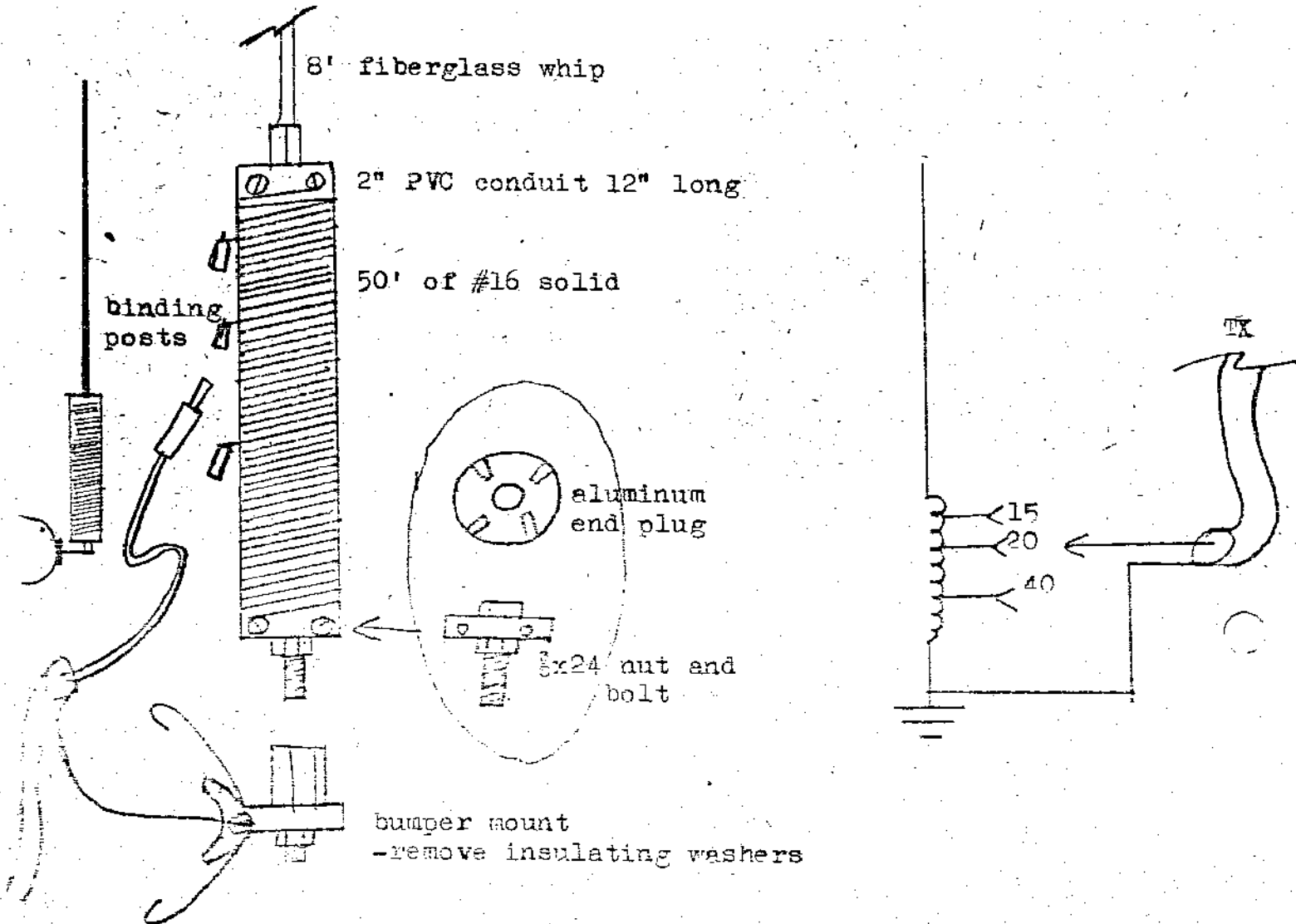
Various dignitaries have availed themselves of goodies from the Owen Sound junk yards, see Ted VE3 AEO for list of dignitaries - items.

Harv VE3 FOT is away visiting his son in Timmins he should be back for June meeting.

Field Day site is to be at Georgia College Owen Sound. Generator courtesy Emergency Measures - trailers courtesy Sunworld Camping Trailers - contact Verne VE3 LPD

HF MOBILE

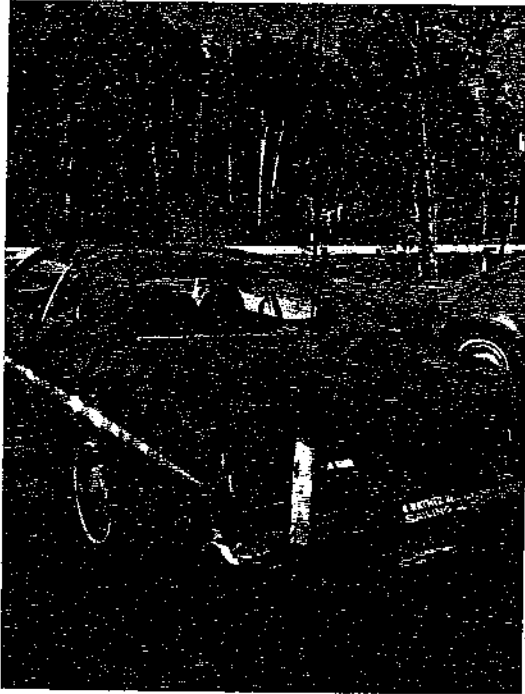
Recently, I spent an afternoon trying to build a mobile HF antenna. Here is what I came up with:



Wind approximately 75 turns of #16 solid wire on a 12" piece of 2" PVC conduit. I used twine as a spacing winding between the wire and then coated the whole thing with fiberglass. Mount metal end caps in the coil and connect the coil ends to them. The bottom of the coil is grounded so remove any insulators in the mount. I found the tap points by trial and error with the rig, swr bridge, and an alligator clip. The first tap is for 15 metres, and is only a couple of turns down from the top. 20 metres is next at about 7 turns, and 40 takes about two-thirds of the coil.

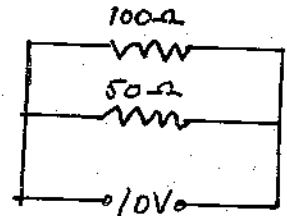
The swr seems quite good; even on 40, swr is below 2:1 in the centre of the band. On 15 and 20 it is as low as 1.3:1. To operate 10 metres, remove the coil and feed the whip directly; just make sure you replace the insulators in the mount.

I have made contacts with it and it seems quite good. However, it hasn't been in operation long, so a few Gremlins may appear. HI I think this may be just the thing for holidays or it may be adapted for use on an apartment balcony. Anyway, it was fun making it even if I had to alternate between adjusting the tap and swatting black flies.

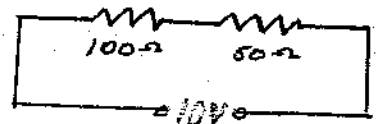


73's and Have Fun
Don VE3 IDS

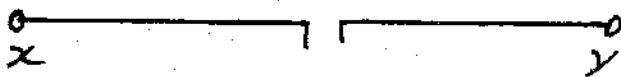
QBARC QUIZ



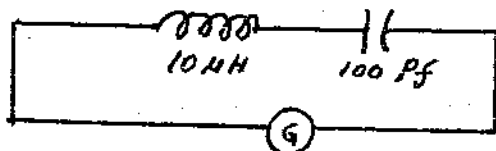
CALCULATE
I THRU 50Ω ?



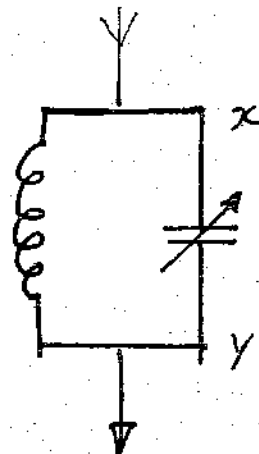
CALCULATE P.D.
ACROSS 50Ω ?



CALCULATE LENGTH X-Y
FOR DIPOLE OPERATION ON 7030 KHZ.



CALCULATE RESONANT FREQ ?



WILL THE VOLTAGE ACROSS P//L TUNED CIRCUIT PEAK
OR DIP AT RESONANCE ? X-Y

Open Letter of Recommendation

SCENARIO

The amateur radio activity in this area is not at all representative of the number of hams who are licenced in the area.

The area being Owen Sound - Markdale - Kincardine - Southampton - Owen Sound, in this area there are over one hundred licenced amateur radio operators.

The purpose of this letter is to prompt some thought about this subject.

OBSERVATIONS

1. Possibly some operators are active but not heard by many local operators.
2. Many do not belong to any club or amateur radio organization.
3. Some have equipment and don't operate for various reasons.
4. Some don't have any equipment for various amateur radio activities.

There are other reasons why so few operators are "known" to be active but these four are the main ones, or so it seems to me.

The thought prompting will now commence.

Why would a person take the trouble to get a ham ticket and then run such a low profile?

CONDITIONS

Some conditions which may effect the individuals involvement in the active amateur community.

1. Cost of equipment - too expensive.
2. Difficulty with erection of outdoor equipment i.e. beams, antenna supports, etc.
3. Active on the bands but not in some clubs or organizations.
4. Personal preferences - i.e. family involvement, job demands too great, other interests demand share of time.
5. Not active because of personal aversion to conditions met with prior involvement i.e. mad at some past event, person, or group treatment of events.
6. Lack of interest because nothing is being done by "them" for "us".

SOLUTIONS?

Are there any solutions?

Should solutions be sought?

If solutions are identified now are they implimented?

ANSWER

Fortunately I have become a high profiler and it is my responsibility to see that my local ham friends form a club and see that it forms a group to help individuals.

It is now our responsibility, so "Our Club" will set up a welcome wagon committee, this committee never completes its work - it should be continually looking for ways to keep in touch with the local low profile hams.

Signed "My Club" Welcome Committee.

STOP PRESS:

June meeting is cancelled in favour of a boat trip compliments of VE3CRV. Meet at O.S. Yacht Club - 7:30 p.m. - Thurs June 18. Boat will be filled on a first come - first served basis so be early to be sure.

AGENDA

Minutes - new - old business
Reports by Meeting Committee
Reports by Repeater Committee
Reports on Summer Activities
Reports on Field Day Preparations

Discussion is solicited for a fall agenda - i.e. meeting, speakers, demo films and tapes, club building projects for fall and winter.

Video tape on basic semi conductor devices.

73 Editor VE3B15