

P.O. Box 171, Oshawa, Ont.

EXECUTIVE1974

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EDITOR	Bernie Sandbrook	VE3ATI	655-4156

DEC. 1974

LAST MEETING

Mike, 3DKW and 3 members of the local Model aircraft club brought along some aircraft and boats and gave a demonstration of radio control apparatus. Mike spoke well on the subject and the boys showed slides of some of the meets. Their meetings are held at Durham College on the first Sunday of each month with interested prospects shown the welcome mat. In the summer they do their stuff at the bottom of Thornton's Road by the lake at the old Camp X site.

NEXT MEETING December 10, 8.00 p.m. Oshawa Airport
is

This ELECTION NIGHT. How about throwing your name in the ring or if asked to stand, accepting the nomination. The present executive would no doubt like to sit in the audience and enjoy the show too.

2 FM

1974 has been an eventful year for the Repeater. In January a second rx was installed receiving on 147.72 MHz. In March, Searchlock logic was installed on the 146.400 and 147.720 MHz. receivers, and the existing logic expanded to give nine Touchtone control functions. In June-July-August a Sinclair duplexer was installed and all the co-axial cables were changed to double shielded type. The repeater is now omnidirectional for both tx and rx. Since August, the repeater has been visited twice - a social call on Oct. 23rd to read the hydro meter, and on Nov. 23rd to measure rx sensitivity and duplexer isolation. Measurements were - 146.400 MHz receiver 0.7 microvolts, 147.720 MHz receiver 0.2 microvolts. Duplexer isolation 91 db. (rx-tx), desensitization nil, effective radiated power 83 watts. We have just acquired a Motorola MICOR 100 watt solid state tx strip with 13.5 volt 20 amp. DC power supply. This transmitter and the GE MASTR-PRO rx bought in 1973 will make a complete solid state unit for the repeater. The tx and rx are both high band units and they will have to be modified before they can be used at 147.72-147.12, the latter being tx output. We plan to remove and sell one of the 80-D units and replace it with the solid state unit as soon as possible, leaving the other 80-D unit in the rack as a stand-by unit

(2)

When Mike 3FIV instals his 'refined' logic it will be possible for users to Touchtone either unit on or off. Maybe even Ken, 3DOC will be able to access the logic!!!!

Harry, VE3QG

RTTY

Mike, 3FIV is sending & receiving well with his 15 unit and home-brew TU. Bernie, 3ATI has the new ST-6 HAL unit wired and working with the 28 set. Rae, 3RP is copying and Dave, 3GUD is well on the way with his ST-6. Farny has been copied several times with good results and Harry, 3QG is copying the RSO bulletin for George, 3BCQ to read on the Tuesday evening net. It looks like RTTY is enjoying a revival in the Oshawa area.

BITS N PIECES

A meeting of some of the local Winter Rally communicators was held at ATI's shack on Tuesday evening, Dec. 3 and the problems of covering some of the selectives were discussed. Those attending were, QG, FIV, AQV, GTS and ATI. There will be another meeting soon when more information is available. Plans to do more surveying during the Christmas season were made. Harry, 3QG was re-elected as a director and Bernie, 3ATI was newly elected at the last TFMCS meeting in Toronto for 1975. A very interesting set of slides was shown of the Cherry Creek repeater with discussion of their many problems encountered since they put it into service. This is the repeater with 146.400 input south west of Buffalo. It operates on wind power and batteries. Eric, 3HMG has a TR-22 portable FM unit and has ordered an FM-27B (or is it C?)° Vic, 3ANX has an extra .94 xtal for the Heathkit HW202. Welcome back to Ed, 3AZV who is on 2 FM once more.

FOR SALE

1 Fairly well broken in Ford station wagon with character. Experienced in communications work, has travelled widely and is not too proud to have a new owner who will take the same care of her as she deserves. One or two small defects - needs certification or equivalent. What's your offer? See Farny, 3BHQ for further details.

Do you want to build a clock like Farny had at the last meeting? He can provide the circuit board ready to build and other details if you are interested. It will be at the same price as the one in the article in QST.

VE3OSH REPEATER

Statement of Income and Expenses July 13, 1968 to November 28, 1974

INCOME

VE3ATI	\$278.00
VE3BIC	112.00
VE3FIV	81.00
VE3QG	660.00
NORTH SHORE RADIO CLUB	657.25
Donations from amateurs	1012.36
Special activities	236.81
EMO Grant for Equipment	181.37
	<u>3218.79</u>

EXPENDITURES

EQUIPMENT	1635.56
MAINTENANCE	260.07
POWER	186.09
RENT	825.00
INSURANCE	86.00
	<u>2992.72</u>
Cash on hand Nov. 28/74	226.07
	<u>3218.79</u>

LIABILITIES

RENT for 1974	175.00
POWER (Est.)	45.00
	<u>220.00</u>

1974 Operating Surplus	<u>6.07</u>
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(4)

Amateur Donations received to date

VE3AAF	\$5.00	VE3BSY	\$10.00
4BV	40.00	CCP	2.85
4DD	15.00	CKK	20.00
4DJ	22.00	CMM	39.75
4EQ	20.00	CMS	10.00
4ER	5.00	CNO	18.00
4ET	8.00	CRK	20.00
4IY	10.00	CTM	5.00
4NX	25.00	CTU	3.00
4QV	23.50	QWR	20.00
4RV	3.00	DDD	15.00
4VY	2.00	DEN	4.85
4ZT	20.00	DMB	10.00
4ZV	5.00	DOC	10.00
BCE	5.00	DSB	5.00
BCQ	37.50	DSL	5.00
BDW	40.00	DUS	5.00
BHQ	35.00	DWQ	5.00
BOX	10.00	EPM	5.00
ESY	10.00	RP	50.00
EW4	30.00	T4	10.00
EWL	5.00	VF	5.00
F4T	25.00	WQ	5.00
FGH	30.00	WY	18.72
FGL	35.00	FGR	10.00
FHV	55.85	FIV	5.40
GDK	5.00	GEX	5.00
GEN	15.00	GNO	10.00
GOU	20.00	GTS	62.00
GUS	10.94	HHV	10.00
HMG	20.00	RA	10.00

Frank Hochleitner

5.00

Also much equipment has been given and/or loaned to the repeater.

Harry, VE3QG, Treasurer