

ORTH SHORE AMATEUR RADIO CLUB INC.

P.O. BOX #171, OSHAWA, ONT., L1H 7L1

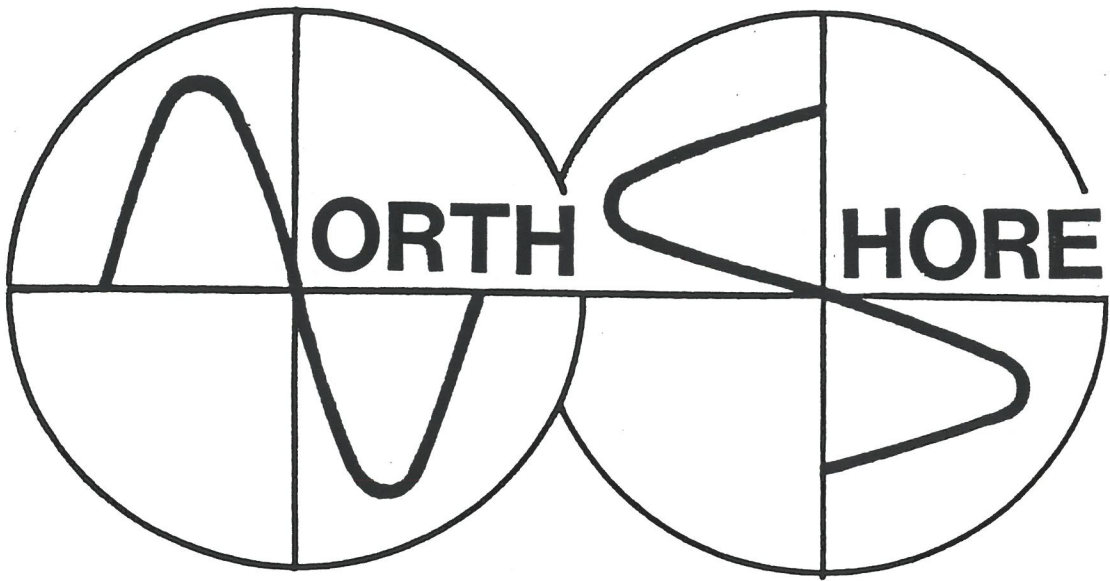


OSHAWA
L1H 7L1
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OCT 1987

First Class. Première classe

VE3CRK 87
Ralph Day
454 Holcan Ave
Oshawa Ont. L1G 5X6

L1H 7L1



AMATEUR RADIO CLUB

===== ELECTED DIRECTORS =====

PRESIDENT	RICK GIBSON	VE3 ASH	416-434-2886
SECRETARY	FRANK LANE	VE3 NIP	416-434-6657
TREASURER	COLIN BELL	VE3 CEU	416-723-7842
PROGRAM DIRECTOR	KEITH MAITLAND	VE3 DZM	416-725-1041
PAST/VICE PRESIDENT	RENO TORRESAN	VE3 KQE	416-668-8760

===== NON-ELECTED OFFICERS (SUBJECT TO CHANGES) =====

REGISTRAR	KEITH WYARD-SCOTT	VE3 GDF	416-723-5758
SPECIAL EVENTS COORD.	RALPH DAY	VE3 CRK	416-723-8738
GET-WELL CARDS	COLIN BELL	VE3 CEU	416-723-7842
2-METER NET CONTROL	ROY MILLER	VE3 AAF	416-852-5447
MEMBERSHIP LIST & LABELS	PAUL DALE	VE3 LHZ	416-579-2877
FINANCIAL AUDITOR	HARRY WESTWOOD	VE3 QG	416-683-5104
INSTRUCTION COORDINATOR	JOE WHITE	VE3 IHS	416-623-4069

=====
CLUB STATION.....VE3 NSR
CLUB REPEATER.....VE3 OSH 147.720 MHZ IN 147.120 MHZ OUT
CLUB NETS

2-METER NET HOSTED BY ROY (AAF) OR A STAND-IN CONVENES EVERY THURSDAY AT 19:30 LOCAL TIME ON THE CLUB'S REPEATER (OSH). AS PART OF THE NET, CODE PRACTICE IS PROVIDED BY BERNIE (ATI) BEGINNING AT 20:30 LOCAL.

10-METER NET (UNOFFICIAL) USUALLY HOSTED BY RAY (OUB)- A GROUP OF 6 TO 10 LOCAL HAMS MEET SUNDAYS ON 28.200 MHZ USING CW FROM 09: TO 10:00 LOCAL THEN SWITCH TO SSB PHONE UNTIL EXHAUSTED OR XYL CALLS "DINNER".

===== CONTRIBUTIONS TO NEWSLETTER =====

EDITORS-	KEITH WYARD-SCOTT	VE3 GDF	416-723-5758
	RAY ZAMBONELLI	VE3 OUB	416-723-2467
	LARRY MCKNIGHT	VE3 ASB	416-427-0893

CONTRIBUTIONS MAY BE MAILED (ATTENTION THE EDITOR) TO THE N.S.A.R.C., BOX #171, OSHAWA, ONT., L1H 7L1 OR, IF URGENT, CALL ONE OF THE EDITORS DIRECTLY.

NOTE!- OPINIONS EXPRESSED ARE THOSE OF THE WRITERS AND DO NOT, OF NECESSITY, REFLECT THOSE OF N.S.A.R.C. MEMBERS IN GENERAL. ARTICLES DEEMED TO BE DEFAMATORY WILL NOT BE ACCEPTED.

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NEXT MEETING - TUESDAY, OCTOBER 13, 1987 AT 20:00 LOCAL (8:00 P.M.) IN
THE CAFETERIA OF THE O'NEIL COLLEGIATE, OSHAWA.

PROGRAM-ERIC ATKINS (VE3 HMG) WILL TELL US ABOUT RADIO CONTROL OF MODEL AIRCRAFT AND ABOUT AERIAL PHOTOGRAPHY

FROM THE SEPTEMBER MEETING

RAY (OUB) AND KEITH (DZM), WHO HAD BEEN ASKED TO INVESTIGATE THE POSSIBILITY OF A NEW MEETING PLACE, REPORTED THAT THE MOST PROMISING PLACE THEY HAD SEEN WAS NOT AVAILABLE FOR TUESDAY NIGHTS, AND, SINCE THEY WERE NOT AUTHORIZED TO SPEAK FOR ANY OTHER NIGHT, DID NOT ASK FOR ANOTHER NIGHT ALTHOUGH ANOTHER NIGHT WAS AVAILABLE AT THAT TIME. AT THE MEETING, THE FACILITY WAS DISCUSSED REGARDING THE BENEFITS AND DISADVANTAGES OF MOVING AND, SINCE THERE WERE MIXED FEELINGS EXPRESSED BY THOSE IN ATTENDANCE, THE EXECUTIVE FELT THAT MORE FEEDBACK FROM MEMBERS WAS REQUIRED BEFORE ANY DECISION SHOULD BE MADE.

IT IS EXPECTED THAT RAY AND KEITH WILL SUPPLY MORE CURRENT INFORMATION AT THE NEXT MEETING AND THAT THERE WILL BE MORE FEEDBACK AVAILABLE AND MORE MEMBERS PRESENT AT THE MEETING ON OCTOBER THE 13TH. IF YOU WOULD LIKE TO GET YOUR KICK AT THE CAT, BE THERE! (OR AT LEAST LET THE EXECUTIVE KNOW HOW YOU FEEL ABOUT A CHANGE OF MEETING DAY AND/OR PLACE.)

THE APPARENT ADVANTAGES ARE AS FOLLOWS:

1. QUIETER, SMALLER AREA WITH NO COMPRESSORS OR ECHOES.
2. NO COMPETING WITH NIGHT SCHOOL FOR PARKING
3. AIR CONDITIONING
4. LICENSED BY LCBO THEREBY ELIMINATING NEED FOR OTHER ARRANGEMENTS FOR WINE AND CHEESE PARTY AND SAVING A MINIMUM OF \$75 WHILE GIVING US MORE SPACE.
5. THE FACILITY IS MORE ACCESSIBLE BY WHEELCHAIR IF ANY OF OUR HANDICAPPED MEMBERS WISH TO ATTEND MEETINGS.
6. THE FACILITY IS ADJACENT TO A SMALL KITCHEN AND HAS ITS OWN SINK AS WELL.
7. THE COST, ALTHOUGH ON AN HOURLY BASIS, WOULD BE ABOUT THE SAME PER MEETING AS WE PRESENTLY PAY FOR THE CAFETERIA.

THE APPARENT DISADVANTAGES ARE AS FOLLOWS:

1. WE WOULD BE REQUIRED TO CHANGE OUR MEETING NIGHT FROM THE 'TIME HONOURED' SECOND TUESDAY OF EACH MONTH.
2. ????????

(EDITOR'S COMMENT- I, PERSONALLY, FEEL THAT IT IS IMPORTANT TO LET OUR EXECUTIVE KNOW HOW WE FEEL ABOUT THE CURRENT MEETING PLACE AND ABOUT THE CURRENT MEETING NIGHT SO THAT THEY MAY FEEL CONFIDENT IN MAKING A DECISION ON THIS SUBJECT WHICH WOULD, NO DOUBT, BENEFIT SOME MEMBERS AND INCONVENIENCE OTHERS. NO EXECUTIVE MEMBER IS SUFFICIENTLY AWARE OF EVERY CLUB MEMBER'S COMMITMENTS AND PRIORITIES TO MAKE THIS CALL WITHOUT YOUR HELP.)

WARRIOR'S DAY PARADE

RAY (OUB) REPORTS THAT WE MAY ALL BE PROUD OF THE PART PLAYED BY SOME OF OUR CLUB MEMBERS IN HELPING TO PROVIDE THE AMATEUR RADIO COMMUNICATIONS NECESSARY TO THE SUCCESS OF THIS ANNUAL EVENT. N.S.A.R.C. MEMBERS WHO PARTICIPATED WERE RALPH (CRK), FRED (HE), EVAN (IND), BILL (MLW), JOHN (POJ), AND RAY (OUB).

RIDE FOR THE HANDICAPPED - RAY (OUB)

THIS EQUESTRIAN EVENT IS HELD ANNUALLY TO RAISE MONEY FOR THE HANDICAPPED. VARIOUS RIDERS OBTAIN SPONSORS FOR THE CROSS-COUNTRY RIDE WHICH BEGINS AND ENDS AT THE HOSKINS STABLES WHICH IS THE MAIN HOST FOR THE EVENT. THIS YEAR THERE WERE 44 RIDERS (MOSTLY WOMEN) YOUNG AND OLD AND A SIZEABLE AMOUNT WAS RAISED. MEMBERS OF OUR CLUB USUALLY PROVIDE COMMUNICATIONS AND THIS YEAR WAS NO EXCEPTION AS RALPH (CRK), HUGH (EVJ), BOB (LLZ), WALTER (DYE), AND MYSELF (OUB) WERE ON HAND TO HELP MAKE THINGS RUN SMOOTHLY (AS THEY DID).

PROFILE OF A ROTTEN HAM BY KEITH (GDF)

IN THE ABSENCE OF ANYTHING OF INTEREST TO INTELLIGENT PERSONS, I HAVE DECIDED, THIS MONTH, TO INTERVIEW THE EDITOR HIMSELF BY MYSELF. IN SO DOING, I FOUND SOME VERY INTERESTING FACTS ABOUT HIM. TO BEGIN WITH, HE IS A DULL PERSON WITH ALMOST NO INTERESTING FACTS IN HIS BACK-GROUND (AND NOT MUCH IN HIS FOREGROUND), SO I MIGHT AS WELL BEGIN AT THE ANTENNA OR FRONT END.

TO START WITH, KEITH WAS BORN (OR SO THE STORY GOES) IN OSHAWA IN THE YEAR OF OUR LORD 1924 AND HIS MOTHER HAD REASON TO REMEMBER THIS UNTIL HER DYING DAY. AFTER A VERY UNEVENTFUL EIGHTEEN YEARS HE REACHED THE AGE OF EIGHTEEN--- WITHOUT ANY INTEREST IN RADIO WHATSOEVER. AT THIS POINT TIME, WW2 BECAME THE DRIVING FORCE IN HIS LIFE; IN ORDER TO ESCAPE RATIONING, HE JOINED THE RCAF (REALLY CARE-LESS ABOUT FLYING) AND, BECAUSE HE WOULDN'T FLY (THIS WOULD REQUIRE THAT HE BE ON THE LEVEL SOMETIMES), HIS SUPERIOR OFFICERS DECIDED HE SHOULD TAKE A BACK SEAT--- AND TRAINED HIM AS A NAVIGATOR. NOW, AS ANYONE KNOWS, THE NAVIGATOR SOMETIMES GETS LOST, AND, IN ORDER THAT HE MIGHT BE ABLE TO LET SOMEONE KNOW WHERE THE AIRCRAFT HAD CRASHED (IN THE EVENT THAT THE RADIO OPERATOR WAS OVERCOME BY THE IMPACT), HE WAS TAUGHT A FEW OF THE CHARACTERS OF THE THEN-IN-VOGUE DI-DAH LANGUAGE.

YOU MAY THINK THAT THIS WAS THE BEGINNING OF A GREAT INTEREST IN RADIO BUT NOTHING WAS FURTHER FROM THE TRUTH. AFTER A VERY SUCCESSFUL TOUR OF DUTY (IN CANADA) IN WHICH HIS IMMINENT POSTING OVERSEAS CAUSED BOTH THE FUEHRER AND THE EMPEROR TO RECONSIDER THEIR FUTURE PLANS, HE RETIRED, UNDEFEATED, TO A LIFE OF INDESCRIBABLE DRUDGERY, COMPLETELY DEVOID OF DI-DAH-DITS, UNTIL ONE DAY IN 1953, AFTER DECIDING HE WANTED TO BECOME A TOOL DESIGNER, HE MET THE NOT-YET-A-HAM RADIO ENTHUSIAST KEITH (NOW VE3 DZM). THE TWO OF THEM AND ANOTHER NOT-YET-A-HAM COLIN (NOW VE3 CEU) USED THEIR COFFEE BREAKS TO TALK ABOUT VARIOUS THINGS AMONG WHICH WAS RADIO. INTEREST, NOT YET ENTHUSIASM, WAS AWAKENED AND THE TWO KEITHS JOINED THE NORTH SHORE RADIO CLUB AND STARTED TO LEARN BORE ABOUT RADIO. THEIR INSTRUCTORS AT THIS TIME WERE JACK BISHOP (SWL) AND JACK AVIS (VE3 DTS) ON THEORY AND ROY (AAF) ON CODE. KEITH (DZM) AND A COUPLE OF OTHER MEMBERS OF THAT CLASS OBTAINED THEIR LICENSES BUT THE FUTURE GDF LEFT FOR BROWNER PASTURES WITHOUT HIS.

AFTER ALMOST A DECADE IN TORONTO AND NO FURTHER CONTACT WITH HAM RADIO (IN SPITE OF THE FACT THAT HE HAD A DISTANT COUSIN ELWOOD (AJA), WHOM HE ADMIRERD BUT WAS NEVER CLOSE TO, LIVING IN TORONTO), HE RETURNED TO HIS FORMER EMPLOYER IN OSHAWA TO FIND THAT, IN THE INTERVENING YEARS, HIS FRIEND COLIN HAD BECOME VE3 CEU. WELL, NOW!, LABOURING UNDER THE IMPRESSION THAT, ANYTHING COLIN COULD DO, HE COULD DO, HE, AGAIN, TOOK TO THE BOOKS AND THIS TIME EVEN WROTE AND AQUIRED HIS TICKET (CIRCA 1965).

HAVING, AT LAST, AQUIRED A RIGHT TO POLLUTE THE AIR-WAVES, HE AGAIN DISAPPEARED INTO THE MISTS AND ALLOWED HIS MEMBERSHIP IN THE CLUB TO LAPSE FOR A FEW YEARS. SOON AFTER HE, AGAIN, JOINED THE CLUB, THE REGISTRAR OF THE PRECEDING 13 YEARS, JOHN (FGL), RESIGNED AND HE THOUGHT THAT HERE WAS A JOB HE COULD DO THAT WOULD BENEFIT THE CLUB AND NOT REQUIRE TOO MUCH TECHNICAL KNOWLEDGE. HE VOLUNTEERED!!

WHAT HE FAILED TO REALIZE, AT THE TIME, WAS THAT ACCEPTING THAT JOB INTRODUCED HIM INTO THE CIRCLE OF THOSE AVAILABLE TO TAKE OVER ALL JOBS THAT NO ONE WANTS. HE NEXT BECAME EDITOR OF THIS PUBLICATION THROUGH DEFAULT AND LATER BECAME ALSO THE 'COFFEE MAN'.

THIS WINTER, IN ORDER TO GENERATE SOME MORE INTEREST IN HAMMING, I HAVE ENROLLED IN THE COURSE THAT THE CLUB IS CONDUCTING AND HOPE TO WIND UP FINALLY UNDERSTANDING, TO MY OWN SATISFACTION AT LEAST, THOSE LITTLE THINGS THAT RUN AROUND ELECTRONIC CIRCUITS CREATING HAVOC.

Registration
SOR/87-432 22 July, 1987

RADIO ACT

General Radio Regulations, Part II, amendment

The Minister of Communications, pursuant to subparagraph 7(1)(b)(ii) and paragraph 7(1)(d) of the Radio Act, hereby amends the General Radio Regulations, Part II, C.R.C., c. 1372, in accordance with the schedule hereto.

Ottawa, July 22, 1987

FLORA MacDONALD
Minister of Communications

SCHEDULE

1. (1) Schedule II¹ to the *General Radio Regulations, Part II* is amended by adding thereto, immediately after item 4 thereof, the following item:

Item	Column I Lower Frequency Limit	Column II Higher Frequency Limit
"4.1	18.068 MHz	18.168 MHz"

(2) Schedule II¹ to the said Regulations is further amended by adding thereto, immediately after item 5 thereof, the following item:

Item	Column I Lower Frequency Limit	Column II Higher Frequency Limit
"5.1	24.890 MHz	24.990 MHz"

2. (1) Schedule V¹ to the said Regulations is amended by adding thereto, immediately after item 4 thereof, the following item:

Item	Column I Lower Frequency Limit	Column II Higher Frequency Limit	Column III Types of Emission
"4.1	18.068 MHz	18.168 MHz	A1, F1"

¹ SOR/82-521, 1982 *Canada Gazette* Part II, p. 1963

(2) Schedule V¹ to the said Regulations is further amended by adding thereto, immediately after item 5 thereof, the following item:

Item	Column I Lower Frequency Limit	Column II Higher Frequency Limit	Column III Types of Emission
"5.1	24.890 MHz	24.990 MHz	A1, F1"

(3) Schedule IX² to the said Regulations is amended by adding thereto, immediately after item 9 thereof, the following item:

Item	Column I Lower Frequency Limit	Column II Higher Frequency Limit	Column III Types of Emission
"9.1	18.068 MHz	18.168 MHz	A1, A3, A4, A5, F1, F3, F4, F5"

(2) Schedule IX² to the said Regulations is further amended by adding thereto, immediately after item 11 thereof, the following item:

Item	Column I Lower Frequency Limit	Column II Higher Frequency Limit	Column III Types of Emission
"11.1	24.890 MHz	24.990 MHz	A1, A3, A4, A5, F1, F3, F4, F5"

² SOR/85-956, 1985 *Canada Gazette* Part II, p. 4200

REGULATORY IMPACT ANALYSIS STATEMENT

(This statement is not part of the Regulations.)

Description

The Minister of Communications is authorized by the *Radio Act* to make certain regulations that are needed for effective management of the radio frequency spectrum. The radio frequency spectrum is a natural resource that must be shared by all of the users of radio throughout the whole world, and this is managed by setting aside frequencies and blocks of frequencies for particular purposes by specified classes of users as agreed upon by the representatives of all governments meeting from time to time as members of the International Telecommunication Union (ITU).

This amendment will implement a decision of the 1979 World Administrative Radio Conference of the International Telecommunication Union to make available two additional bands of frequencies for use by the Amateur service. That decision involving a re-allocation of frequency bands made necessary by changing needs of radio users was supported by the Canadian delegation to the Conference. As of November 1, 1985 all of the fixed stations that were formerly using frequencies in the 18 and 24 MHz bands have been relocated to other frequencies. (Fixed stations are stations authorized to exchange radiocommunications between one fixed location and another). Consequently there is now no impediment to implementation of the ITU decision and most if not all other countries have already done so in respect of their own Amateur services. As amateurs on a world-wide basis are very numerous, access to additional bands of frequencies will relieve somewhat the crowded conditions they experience.

Alternatives Considered

The alternative is to do nothing, which would be to deny the Canadian Amateur service access to and use of two bands of frequencies that have been made available by International agreement. Changing requirements that are not necessarily limited to advances in information-transfer technologies dictate the re-allocation of frequencies or blocks of frequencies from time to time. It is also a fact that not all frequencies are satisfactory for any or all purposes. The amateur population of users are best able at this point in time to make use of these bands of frequencies and Canadian amateurs would not be able to share in the benefits if access to these bands were denied to them. As a member of the ITU taking an active part in the development of International frequency allocation policies, Canada has an obligation to implement the decisions of that body.

Consistency with Regulatory Policy and Citizens' Code

This amendment will implement a better distribution of radio frequencies that is made possible by the changing requirements of radio users. In principle, this action responds to the requirement that we minimize interference with

individual freedoms while maintaining protection for the community interests of radio users as a whole.

Anticipated Impact

The radio frequency bands affected by this amendment have been vacated by Canadian users in the fixed radiocommunication services. Their needs have been better satisfied elsewhere and satellite radiocommunications taking place in an entirely different portion of the spectrum are eliminating the need for many stations in this category. On the other hand, there are over 25,000 licensed radio amateurs in Canada and many of them have been waiting for authority to use these bands which are already being used by their counterparts in most if not all other parts of the world. As former Canadian users of these bands have already been permanently relocated elsewhere, there can be no objection to this action and there is now no reason for further delay.

Consultation

Canadian amateurs and other users of radio are represented in the international fora under auspices of the International Telecommunication Union which arrived at this decision in line with its responsibilities for the allocation of radio frequency bands at the international level. As the users of these frequencies concurred and were active in the decision making process there is no need for further consultation. Additionally, the frequencies involved are not particularly attractive to, nor are they needed by Canadian commercial users of radio now that other better alternatives have become available to them.

Compliance Mechanism

This amendment has no effect on and makes no change whatever in existing provisions or mechanisms designed to ensure compliance.

For further information, contact:

Mr. John Fraser
Chief, Radio Regulations
(613) 990-4752

OCT. 1987

CONGRATULATIONS FROM RAY (OUB)

 TO JOHN MESKES (POJ) FOR MAKING THE PUBLIC SERVICE HONOUR ROLL IN THE JUNE, 1987 ISSUE OF QST.

TO JOHN (POJ), AGAIN, AND PHIL (DQK), WITH THANKS, FOR A FINE AND INFORMATIVE TALK ON EMERGENCY COMMUNICATIONS THAT REMOVED THE CONFUSION IN THE MINDS OF SOME OF OUR MEMBERS ABOUT THE ROLES OF VARIOUS ORGANIZATIONS AND HOW THEY HANDLE DIFFERENT TYPES OF EMERGENCY SITUATIONS.

TO LOCAL HAMS VIC (LNX), BOB (ADJ), AND IAN (NSQ) FOR A FINE SHOWING IN THE JUNE 1987 UHF QSO PARTY. OPERATING AND EXPERIMENTING IN THE 50 MHZ TO 2.3 GHZ BANDS, THEIR DEDICATION MAKES THEM A CREDIT TO THE AMATEUR COMMUNITY.

(I'M SURE THAT RAY EXPRESSED THE FEELINGS OF ALL MEMBERS-EDITOR)

WELCOME AND BEST WISHES

RICK (ASH), JOE (IHS), AND RUBY (NLR) ARE NOW BUSY ON THURSDAY EVENINGS INSTRUCTING OVER 25 HOPEFULS IN THE ARTS OF AMATEUR RADIO COMMUNICATIONS. SOME ARE ENTIRELY NEW TO HAM RADIO AND, TO THESE WE SAY "WELCOME TO AN EXCITING HOBBY!"; OTHERS ARE ALREADY LICENSED AND LOOKING TO ACQUISITION OF AN ADVANCED TICKET, AND, TO THESE, WE SAY "GOOD LUCK"; STILL OTHERS ARE ONLY LOOKING TO REFRESH OR IMPROVE THEIR KNOWLEDGE AND, TO THESE WE OFFER CONGRATULATIONS -NO ONE KNOWS 'TOO MUCH'.

HELP WANTED

AS INDICATED IN THE PROFILE OF THE EDITOR ON PAGE 4, I HAVE ENROLLED IN TWO NIGHT SCHOOL COURSES THIS YEAR, BOTH OF WHICH WILL CONTINUE THROUGH THE WINTER AND WILL REQUIRE A FAIR AMOUNT OF WORK AT HOME. THIS HOME WORK WILL SERIOUSLY CUT INTO MY AVAILABLE FREE TIME AND I ALREADY LACK SUFFICIENT TIME TO DO AN ACCEPTABLE JOB AS EDITOR OF THE NEWSLETTER. AS CAN ALSO BE SEEN IN THE PROFILE, ALMOST ANYONE IN THE CLUB IS BETTER QUALIFIED, BOTH IN TECHNICAL KNOWLEDGE AND IN THE AREA OF ON-AIR ACTIVITY (I ALMOST WROTE RADIO-ACTIVITY), TO EDIT THE NEWSLETTER AND DIG OUT INTERESTING INFORMATION.

IF THERE IS ANYONE OUT THERE WHO WOULD LIKE TO TAKE OVER AS EDITOR, DO NOT FEEL THAT YOU HAVE TO WAIT TILL MY TERM OF OFFICE IS OVER AS I WAS NOT ELECTED INTO THE POSITION BUT MERELY ASKED BY THE EXECUTIVE IF I WOULD HELP OUT.

ANYONE WISHING TO BECOME EDITOR, EVEN TEMPORARILY, SHOULD CONTACT THE EXECUTIVE AND OFFER THEIR SERVICES.

WHERE DO YOU FIT IN ?

IN THE SEPTEMBER ISSUE OF SPLATTER, THE YORK REGION A.R.C. NEWSLETTER, WAS THE FOLLOWING NOTABLE QUOTE:

'THERE ARE TWO TYPES OF PEOPLE IN THE WORLD: THOSE WHO COME INTO A ROOM AND SAY "HERE I AM!" AND THOSE WHO SAY "AH! THERE YOU ARE!".'

IT SEEMS TO ME THAT ONE WOULD NEED TO BE A LITTLE MORE SPECIFIC ABOUT THE CIRCUMSTANCES SINCE UTTERANCES MIGHT BE COMPLETELY REVERSED DEPENDING ON WHETHER CONVERSATION OR WORK IS IN THE OFFING.--EDITOR.

S(ome) W(ant) A(11) P(eruse)

THIS IS YOUR SWAP, SELL OR BUY COLUMN --TO HAVE AN ARTICLE LISTED, JUST MAIL INFORMATION TO THE EDITOR OR PHONE IT IN (723-5758)

FOR SALE--DRAKE TR-4C TRANCEIVER AND POWER SUPPLY-----500 DOLLARS
INCLUDES- 2 EXTRA SETS OF FINAL TUBES--10-15-20 METER
METER VERTICAL ANTENNA (UNUSED)--ARMACO MIC (M413
WITH DUAL IMPEDENCE)-- MORSE CODE KEY AND 1982
CALL BOOK---CONTACT BRUCE MCPHERSON VE3 LZB
DAYS- 416-668-8811 EXT 409
EVENINGS 416-725-3744

WANTED--NO NEW ITEMS

NEXT MEETING

FARNEY LEGRESLEY WILL TELL US ABOUT ELECTRONIC NAVIGATION AND GIVE US A DEMONSTRATION OF THE NAVIGATION AID LORAN C.

1988 MEMBERSHIPS--WILL BE ACCEPTED FROM NEW OR OLD MEMBERS AT THE RATES LISTED BELOW (WILL EXPIRE DECEMBER 31 1988).

PERMANENT REMINDER

IF YOU ARE READING THIS NEWSLETTER OVER THE SHOULDER OF THE HAM WHOSE NAME APPEARS ON THE MAILING LABEL BECAUSE YOU FORGOT TO MAIL IN YOUR RENEWAL OR BECAUSE YOU HAVE NEVER BEEN A MEMBER OF OUR CLUB, NOW'S YOUR CHANCE! PLEASE, USE THE FORM AND INFORMATION BELOW TO JOIN US. (IF THE OWNER WON'T PART WITH IT, USE A FACSIMILE (OR SOMETHING SIMILAR).

HELD OVER BY POPULAR REQUEST AND OUR LOVE FOR YOU!!

FULL MEMBERSHIP-- \$15.00 CDN, (10.50 U.S.)-- INCLUDES FULL VOTING PRIVILEGES AND MONTHLY NEWS BULLETIN FOR ONE CALENDAR YEAR (JANUARY TO DECEMBER, JULY & AUGUST EXCEPTED)

ASSOCIATE MEMBERSHIP-- \$10.00 CDN (7.00 U.S.)--INCLUDES BULLETIN ONLY AND A HEARTY WELCOME TO ANY MEETINGS YOU CAN GET TO EITHER IN PERSON, OVER THE LAND LINE, OR ON THE AIR.

2ND FAMILY MEMBER--\$5.00 CDN (3.50 U.S.)--FULL VOTING PRIVILEGES BUT NO MONTHLY BULLETIN (ASSUMED LIVING IN THE SAME HOUSE)

TO JOIN US, OR TO MAKE CHANGES TO MAILING ADDRESS, SIMPLY (YOU'RE A HAM AREN'T YOU?) FILL IN THE FOLLOWING FORM AND MAIL IT ALONG WITH THE APPROPRIATE FEE TO THE REGISTRAR OF THE N.S.A.R.C. AT HIS HOME ADDRESS (PREFERRABLY) 298 DOVER STREET, OSHAWA, ONTARIO, L1G 6G6 OR TO THE CLUB BOX #171, OSHAWA, ONTARIO, L1H 7L1.

NAME- _____ CALL- _____

STREET & NO.- _____ APMT- _____

CITY _____ PROV. OR STATE- _____

POSTAL OR ZIP CODE- _____ TELEPHONE- _____

MEMBERSHIP-FULL _____ ASSOC _____ FAM _____ FEE _____

DONATIONS FOR REPEATER FUND (IF YOU DESIRE) _____ AMOUNT _____