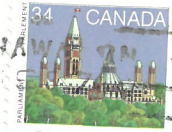


NORTH SHORE AMATEUR RADIO CLUB INC.

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



March 87

First Class Première classe

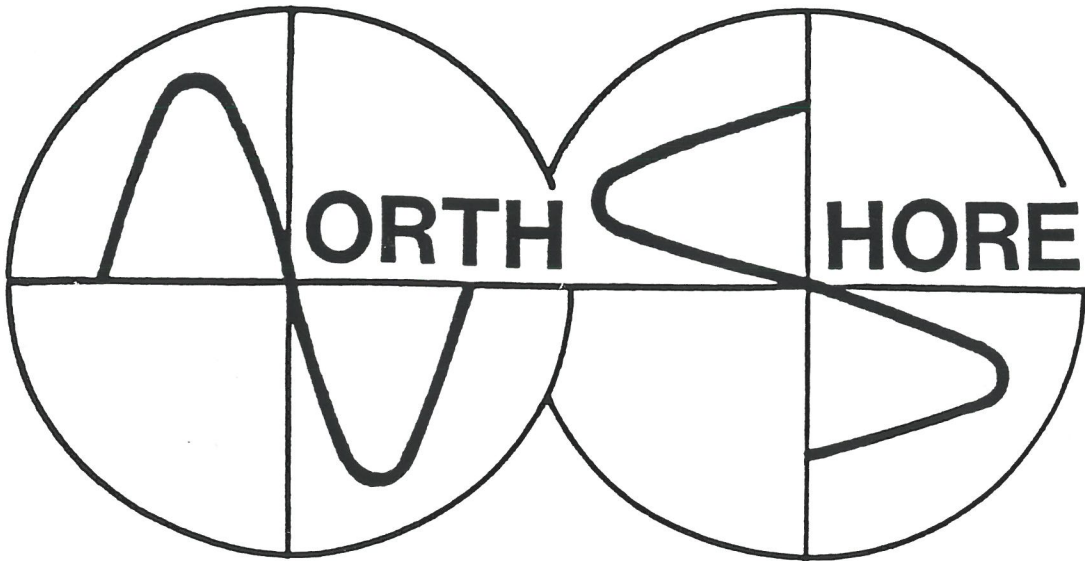
VE3CRK

87

Ralph
454 Holcan Ave
Oshawa

Day

Ont. L1G 5X6



**AMATEUR RADIO
CLUB**

=====
 DIRECTORS (ELECTED)

VE3 ASH	PRESIDENT	RICK GIBSON	728-1480
VE3 NIP	SECRETARY	FRANK LANE	434-6657
VE3 CEU	TREASURER	COLIN BELL	723-7842
VE3 DZM	PROGRAM DIRECTOR	KEITH MAITLAND	725-1041
VE3 KQE	PAST/VICE PRESIDENT	RENO TORRESAN	668-8760

OTHER OFFICIALS (NON ELECTED-SUBJECT TO CHANGE DURING YEAR)

VE3 GDF	REGISTRAR	KEITH WYARD-SCOTT	723-5758
***	***	COMMUNITY RELATIONS	**VACANT** *****
VE3 CRK	SPECIAL EVENTS	RALPH DAY	576-8738
***	***	GET WELL CARDS	**VACANT** *****
VE3 AAF	2-METER NET	ROY MILLER	852-5447
VE3 LHZ	MEMBERSHIP LIST & LABELS	PAUL DALE	579-2877
VE3 OG	FINANCIAL AUDITOR	HARRY WESTWOOD	683-5104
VE3 IHS	INSTRUCTION	JOE WHITE	623-4069

 =====
 CLUB STATIONVE3 NSR
 CLUB REPEATER.VE3 OSH 147.72 MHZ IN 147.712 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) -A GROUP OF 6 TO 10 LOCAL HAMS MEET SUNDAYS ON 28.200 MHZ USING CW FROM 09:30 TO 10:00 LOCAL THEN SWITCH TO SSB PHONE UNTIL EXHAUSTED OR XYL CALLS "DINNER".

 =====
 CONTRIBUTIONS TO SPARKS

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

CONTRIBUTIONS- MAY BE MAILED (ATT 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 NECESSARILY REFLECT THOSE OF N.S.A.R.C. INC.

 =====
 NEXT MEETING-TUESDAY, MARCH 10, 1987 AT 20:00 LOCAL (8:00 P.M.)
 O'NEIL COLLEGIATE & VOCATIONAL INSTITUTE CAFETERIA

PROGRAM-ROY NORTON VE3 OHN WILL TALK ON AMATEUR RADIO AND THE BLIND

MARCH, 1987

NOTES FROM THE PRESIDENT

AS YOUR NEWLY ELECTED PRESIDENT, I THOUGHT A FEW NOTES ABOUT MYSELF MIGHT BE OF INTEREST TO CLUB MEMBERS. I WAS FIRST LICENSED AS VE1 AZZ IN 1973 WHEN I WAS STILL IN THE AIRFORCE. I WAS TAKING A CORRESPONDENCE COURSE IN ELECTRONICS DURING WHICH I WOULD BUILD A CW TRANSMITTER. I FELT IT MIGHT BE HANDY TO HAVE A LICENSE IN ORDER TO MAKE THE USE OF IT LEGAL SO I STARTED CLASSES WITH THE GREENWOOD AMATEUR RADIO CLUB WHERE I ENDED UP SITTING IN ON CODE AND TEACHING THEORY. I NEVER DID GET TO USE THAT PARTICULAR TRANSMITTER AS I SOON REALIZED THAT A 25-WATT CRYSTAL CONTROLLED TRANSMITTER WOULD BE OF LITTLE USE TO ME SO I BUILT A 2-WATT SOLID STATE TRANSCEIVER FOR 80 AND 40 METERS WHICH I USED UNTIL AFTER I GOT MY ADVANCED LICENSE A YEAR LATER.

I WAS TRANSFERRED TO TRENTON SHORTLY AFTER GETTING MY ADVANCED LICENSE, GOT OUT OF THE AIRFORCE AND WENT BACK TO SCHOOL. AFTER A YEAR AT LOYALIST COLLEGE IN BELLEVILLE, I STARTED WORKING WITH ONTARIO HYDRO AND STARTED MOVING (FROM TRENTON TO DEEP RIVER, TO KINCARDINE, BACK TO DEEP RIVER, TO PICKERING, AND, FINALLY, TO OSHAWA). I HAVE BEEN IN OSHAWA FOR THREE YEARS.

WHILE IN KINCARDINE, I WAS INVOLVED IN THE FORMATION OF THE BRUCE AMATEUR RADIO CLUB WITH WHICH I HELD THE OFFICES OF SECRETARY/ TREASURER AND PRESIDENT (AT DIFFERENT TIMES). WHILE WITH THE CLUB, I BUILT THE REPEATER (VE3 TIV) USING A SOLID STATE MOBILE RADIO AS A BASE. THE REPEATER WAS USED IN THE AREA FOR A FEW YEARS. I ALSO TAUGHT CLASSES IN MY HOME FOR THE 4 OR 5 INTERESTED HOPEFULS EACH YEAR. THIS ARRANGEMENT PROVED TO BE BENEFICIAL SINCE DURING BREAKS WE WOULD GO INTO THE SHACK AND TUNE AROUND THE BANDS WHICH SERVED TO MAINTAIN THEIR INTEREST IN THE HOBBY.

WHILE IN PICKERING, I WAS ALMOST TOTALLY 'OFF THE AIR' DUE TO ANTENNA RESTRICTIONS IN THE AREA WHERE I WAS LIVING AND, SINCE COMING TO OSHAWA, I AM ONLY NOW BECOMING AS ACTIVE AS I ONCE WAS ON THE HF BANDS.

I AM CURRENTLY EMPLOYED AS A CONTROL TECHNICIAN IN THE PICKERING NUCLEAR GENERATING STATION WHERE I MAINTAIN THE ELECTRONIC EQUIPMENT USED IN THE SHUT-DOWN SYSTEMS FOR THE REACTORS. ALONG WITH THIS, I ALSO MAINTAIN SOME OF THE NEW RADIATION MONITORING EQUIPMENT WHICH IS MICROPROCESSOR-BASED.

OTHER HOBBIES- COMPUTERS AND MAKING HOMEMADE WINE (MINE'S TASTING- THE WINE, THAT IS-ED.)

WHILE LOOKING THROUGH THE PAPERS I INHERITED FROM RENO (VE3 KQE), I WAS INTRIGUED BY THE 'WORK THE PRESIDENT' AWARDS WHICH WERE INTRODUCED BY ONE OF YOUR PAST PRESIDENTS (DON COLE VE6EY, I BELIEVE -EDITOR), AND I INTEND TO RE-INTRODUCE THEM. IF YOU ARE INTERESTED, PLEASE CONTACT ME ON THE HIGH-FREQUENCY BANDS AND MENTION THAT YOU ARE WORKING THE PRESIDENT AND I WILL ACKNOWLEDGE THE CONTACT WITH A CERTIFICATE. THIS WILL AFFORD ME THE OPPORTUNITY TO GET TO MEET SOME OF YOU WHO DON'T GET TO MEETINGS.

PLEASE NOTE!!!!- DUE TO OTHER COMMITMENTS, I AM NOT VERY ACTIVE ON WEEKDAYS SO YOUR BEST CHANCE TO WORK ME IS ON WEEK-ENDS.

I LOOK FORWARD TO MEETING YOU, SERVING YOU, AND GETTING TO KNOW YOU ALL BETTER DURING THE COMING YEAR.

73, RICK VE3ASH.

MARCH 1987

000000000OPS!!!!!!

YOUR HUMBLE AND, AS PREVIOUSLY STATED, INEXPERIENCED EDITOR HAS LIVED UP TO HIS ADVANCED BILLING AND PUBLISHED A BOO-BOO. IN THE ARTICLE HEADED 'WELCOME TO MURPHY'S WORLD', THE SECOND SENTENCE SHOULD HAVE READ 'JOE (IHS), ABLY ASSISTED BY RICK (AHS), GEORGE (INB), AND JACK (SJ) HAS, (ETC.,ETC.)'

THIS ERROR WAS CORRECTED BY YOUR EDITOR (AT THE INSISTANCE OF IHS) PRIOR TO GOING TO PRESS, BUT THE WRONG SHEET WENT TO THE PRINTER.

THE LAST SENTENCE WAS ALSO CORRECTED TO READ 'WE JOIN THESE STUDENTS IN THANKING ALL FOUR OF YOU (ETC.,ETC.)'.

MY APOLOGIES TO ALL FOUR OF YOU!

PROBLEMS (WHO NEEDS 'EM)

YOUR EDITOR (HEY!-THAT'S ME) AND ONE OF HIS ASSOCIATES (WHO SHALL REMAIN NAMELESS AT HIS OWN REQUEST) ARE HAVING DIFICULTIES TRYING TO GET THE EDITOR'S APPLE II+ COMPATIBLE TO TALK TO HIS ASSOCIATE'S COMPUTER VIA THE LAND LINE AND A J-CAT MODEM. THE MACHINE SEEMS TO HAVE TAKEN LESSONS FROM THE EDITOR; IT TALKS PLENTY AND LISTENS NOT-AT-ALL.

HAS ANYONE HAD SIMILAR EXPERIENCE? PROBLEM APPEARS TO BE EITHER HARDWARE OR FIRMWARE BUT UNTIL YOU KNOW WHERE IT IS, 'WHERE IT AINT' IS NOT A 100% CERTAINTY. ANY SUGGESTIONS?

FROM A FORMER PRESIDENT (CALGARY, 9 FEB., '87)

GREETINGS FROM CHINOOK COUNTRY. WE ARE IN THE 70TH DAY OF ABOVE AVERAGE TEMPERATURE (THE RECORD IS 90) AND WE FEEL THAT WE WILL SOON BE QUALIFYING FOR (THE TITLE OF) CANADA'S TROPICAL HOLIDAY CENTRE. LAST WEEK WE HIT +18 C.

THIS IS JUST A SHORT NOTE TO SAY THAT I REALLY APPRECIATE RECEIVING 'SPARKS' AS IT KEEPS ME IN TOUCH WITH ALL MY FRIENDS. LIKE ALL OF YOU, I WAS SORRY TO HEAR OF THE PASSING OF TED BRANT; HE SEEMED A PERMANENT PART OF THE CLUB. ON THAT VEIN, I HAD QUITE A SHOCK WHEN I HEARD VE3AEX ON THE 20 METER BAND THE OTHER DAY. HOWEVER, IT DID BRING BACK FOND MEMORIES OF ONE OF THE FINEST GENTLEMEN OF HAM RADIO THAT I WAS EVER PRIVILEGED TO KNOW.

THIS PAST SUMMER IT WAS GREAT TO MEET AND TALK WITH SOME OF YOU WHO DECIDE TO SAMPLE OUR WESTERN HOSPITALITY (EDITOR'S NOTE- THIS IS REALLY EASTERN HOSPITALITY SLIGHTLY WATERED DOWN) AND I HOPE MORE OF YOU WILL BE THROUGH THIS WAY IN THE COMING YEAR. PLEASE CALL ME ON 146.85/25 (VE6RYC) OR ON THE LAND LINE 280-4117--I KEEP A RECORDER ON THAT NUMBER SO I WILL GET YOUR MESSAGE.

LIFE HERE IS FULL OF HAM ACTIVITIES THAT RANGE FROM CLUB MEETINGS EVERY WEEK (MONDAYS) TO HELPING IN SKIING EVENTS, CYCLE TOURS-3 DAYS IN THE MOUNTAINS, RUNNING RELAYS THAT LAST 24 HOURS ONWARDS.

FIELD DAY IS BIG HERE TOO AND ONE OF MY NEW INTERESTS IS 432 MHZ DX, ANOTHER IS AMATEUR TV- FULL COLOUR AND SOUND ON 439.25 MHZ. AT PRESENT, WE ARE BUILDING A TV REPEATER IN MY BASEMENT (432.25/9.10.25 MHZ)

THAT'S ABOUT IT FOR NOW SO I WILL WISH EVERYONE '73 & 88' AND MAYBE WE'LL SEE YOU SOON
DON (COLE) VE6EY

MARCH, 1987

SAY CHEESE!!!!

MICHAEL SHERBA, VE3DKW (PRONOUNCED IN GERMANY DAY-CAW-VEY) HAS RECENTLY BECOME THE PROUD OWNER OF A NEW CAM-ER-A (PRONOUNCED CAMERA) AND IS EXTREMELY ANXIOUS TO SHOW THE WORLD WHAT IT, AND HE, CAN DO. TO THIS END, HE HAS EXPRESSED A DESIRE (AND THIS PASSION GOES FAR BEYOND SEX) TO VISIT SOME OF OUR MEMBERS AND GET, ON FILM, VISUAL EVIDENCE OF THE CURRENT STATE OF YOUR ART.

MIKE WOULD LIKE TO PHOTOGRAPH SOME HAM SHACKS (NO MOM, HE IS NOT INTERESTED IN YOUR SUNDAY ROAST) WITH THE IDEA OF PRESENTING THEM TO THE REST OF THE MEMBERS IN A FUTURE SLIDE SHOW. IF MIKE APPROACHES YOU, PLEASE BE KIND AND OPEN THE DOORS FOR HIM, POSE NICELY BESIDE YOUR LATEST ACQUISITION, AND SAY 'CAMEMBERT'.

ALL THAT GLITTERS!!

JUST WHEN YOUR EDITOR HAD DECIDED TO GO INTO THE CAP AND JACKET BUSINESS, WORD COMES FROM COLIN (CEU) THAT THAT (DOUBLE TALK-ED.) EXTRAORDINARY PROFIT WE SEEMED TO REALIZE FROM THE SALE OF THESE ITEMS, WAS PRODUCED, NOT FROM ASTUTE BUSINESS PRACTICES, BUT FROM THE FACT THAT WE RECEIVED, IN 1986, PAYMENT FOR WHAT WE HAD PURCHASED IN 1985. WITH MY LUCK, THAT ORDER I PLACED FOR 50,000 WILL BE HONOURED!

NOW IS THE TIME

IN THE NEAR FUTURE, YOU WILL BE CONTACTED BY RENO (KQE), JOHN (FGL), OR RALPH (CRK) AND ASKED TO HELP SET UP, RUN, OR CLEAN UP AFTER THE FLEA MARKET. WE WILL NEED HELP IN GETTING AND SETTING UP THE TABLES ON FRIDAY NIGHT, DIRECTING TRAFFIC IN THE PARKING LOT(S) AND SECURITY PERSONNEL DURING THE SALES HOURS ON SATURDAY, AND IN RETURNING TABLES AND CLEANING UP AFTERWARDS.

WHEN APPROACHED, PLEASE HAVE 'YES' ON THE TIP OF YOUR TONGUE AND DON'T HESITATE TO SPIT IT OUT. DO NOT FEEL THAT YOU HAVE TO VOLUNTEER FOR ALL DUTY! VOLUNTEER AS YOU WISH FOR ONE, ALL, OR ANY COMBINATION OF DUTIES, THE NECESSARY WORK WILL BE SPREAD ACROSS AS MANY PEOPLE AS ARE AVAILABLE AND, IF PAST EXPERIENCE IS ANY INDICATION, NO ONE WILL BE OVERWORKED.

COFFEE ANYONE????

IS THERE ANYONE OUT THERE WHO WOULD LIKE TO HAVE A REAL GOOD REASON TO ATTEND EVERY MEETING? FOR A VERY SMALL FEE WE CAN SUPPLY ONE!! HOW'S THAT FOR SERVICE?

MARTIN (NSO), WHO HAS DONE YOEMAN SERVICE IN SUPPLYING COFFEE FOR OUR MONTHLY MEETING, IS MOVING ONTO HIS BOAT AND FINDS THE CONFINES A LITTLE TOO RESTRICTIVE TO ALLOW HIM TO STORE THE SUPPLIES BETWEEN MEETINGS, SO WE ARE LOOKING FOR A REGULAR ATTENDEE TO TAKE OVER BRINGING THE NECESSARY SUPPLIES AND STORING THEM BETWEEN TIMES. I BELIEVE THAT THIS FUNCTION ALSO TAKES CARE OF OUR 50/50 DRAW AT THE MEETINGS BUT I'M SURE THAT IS NEGOTIABLE.

THIS FRANCHISE IS MADE AVAILABLE, FREE OF CHARGE, THROUGH YOUR FRIENDLY NEIGHBOURHOOD COFFEE-DRINKERS ASSOCIATION AND THERE IS NO NEED FOR ANY MONETARY INVESTMENT. IF YOU CAN TAKE THIS ON, PLEASE SEE MARTIN AT THE NEXT MEETING. (HE'LL BE THE HAM WITH WELCOME SMILE ON HIS FACE. COME TO THINK OF IT, WHERE ELSE WOULD IT BE!) YOUR EFFORTS WILL BE APPRECIATED AND I WILL PERSONALLY RECOMMEND YOU FOR THE 'MEDAL (MUDDLE?) OF HONOUR'

MARCH 1987

DID YOU KNOW??

THAT BERNIE (ATI) SOMETIMES TAKES A VACATION? YOU MAY ASK 'FROM WHAT?'. WELL, FOR ONE THING, BERNIE USUALLY PROVIDES CODE PRACTICE ON THURSDAY NIGHTS FOR THOSE INTERESTED. HE HAS BEEN DOING THIS FOR SOME TIME, ALONG WITH OTHER CONTRIBUTIONS HE HAS MADE OVER THE MANY YEARS OF HIS ASSOCIATION WITH OUR CLUB. AS YOU KNOW, BERNIE CONSIDERS THAT OUR GRATITUDE, AND HIS OWN SATISFACTION IN DOING A GOOD JOB, IS ADEQUATE PAYMENT FOR HIS SERVICES.

BE THAT AS IT MAY, THERE ARE TIMES WHEN BERNIE MUST FORSAKE US FOR OTHER COMMITMENTS OR ACTIVITIES, BUT, WHEN HE DOES, HE MAKES CERTAIN THAT WE DON'T FORGET OUR CODE AND HE WOULD LIKE TO BE SURE THAT WE ALL RECOGNIZE THAT THIS ASSURANCE IS MADE POSSIBLE BECAUSE HARRY (QG) AND /OR STEVE (LLD) HAVE AGREED TO COVER FOR HIM ON THOSE NIGHTS.

SO, WE OFFER HARRY AND STEVE OUR THANKS AND APPRECIATION AS WELL.

DO YOU REMEMBER?

RAY (OUB) RECENTLY CAME INTO POSSESSION OF A NEW SOURCE OF RADIO LORE. FROM THE WALLS OF ANTIQUITY (IN THE FORM OF A 1925 COPY OF THE TORONTO STAR, WEDNESDAY, MARCH 18) CAME THE FOLLOWING :

TO THE RADIO EDITOR, STAR

DEAR SIR: I AM USING A STAGE OF TUNED RADIO FREQUENCY IN FRONT OF A COMMERCIAL REGENERATIVE SET. THE COMBINATION IS HIGHLY SELECTIVE, BUT WILL NOT REACH THE LOWER WAVE LENGTHS. THE FIRST COIL HAS SIXTY-FIVE (65) TURNS WITH A TAP AT THE FIFTEENTH (15TH) TURN.

QUESTION

WOULD THE USE OF ADDITIONAL TAPS IMPROVE THINGS?

WOULD INCREASING THE NUMBER OF TURNS ON THE OUTPUT COIL HELP MATTERS?

COULD YOU BRIEFLY DESCRIBE THE CONSTRUCTION OF A WAVE TRAP TO ASSIST IN BRINGING OUTSIDE STATIONS THROUGH LOCAL BROADCASTS?

WITH THANKS, YOURS VERY TRULY, RADIO FAN

ANSWER

DO NOT CHANGE THE VALUES OF INDUCTANCE IN YOUR RADIO FREQUENCY AMPLIFIER UNIT. YOU MIGHT TRY A SMALL FIXED CONDENSER IN SERIES WITH THE OUTPUT COIL FOR THE LOWER WAVE-LENGTHS. A .001 MFD. VARIABLE CONDENSER (PREFERABLY ONE IN A CASE WITH BINDING POSTS ATTACHED), SHUNTED BY A THIRTY FIVE (35) TURN HONEYCOMB COIL, IS ALL THAT IS NECESSARY FOR A WAVE-TRAP. WHEN CONNECTED IN SERIES WITH THE ANTENNA LEAD TO THE RECEIVER, A SINGLE INTERFERING STATION MAY BE REJECTED. IT MAY ALSO BE CONNECTED IN PARALLEL TO YOUR PRIMARY INDUCTANCE TO ELIMINATE SEVERAL INTERFERING STATIONS SIMULTANEOUSLY AND ACCEPT ONLY ONE STATION WITHIN ITS RANGE.

(EDITOR- THOSE OF YOU WITH ONLY SLIGHTLY NEWER AND MORE SOPHISTICATED EQUIPMENT THAN MY CRYSTAL SET MAY FIND THE FOREGOING VERY USEFUL AND, I KNOW THAT I AM GOING TO SAVE THE ARTICLE IN CASE I EVER UP-GRADE MY OWN RECEIVER.)

QSN? (SUBMITTED BY LARRY, VE3ASB FROM UNDISCLOSED SOURCES)

ALWAYS LET YOUR CONVERSATION GENERATE MORE LIGHT THAN HEAT.

A PARTY- YOUR PRESENCE ARE REQUIRED

YOU ARE REMINDED (FOR THE LAST TIME IN THIS NEWSLETTER) THAT THE SPARC/NSARC FLEA MARKET IS SCHEDULED TO TAKE PLACE:

WHEN: APRIL 11, 1987

WHERE: PICKERING HIGH SCHOOL, CHURCH STREET NORTH, PICKERING VILLAGE, TOWN OF AJAX, ONTARIO.

(DON'T LET ME TELL YOU 'I TOLD YOU SO' -EDITOR)

NEXT BULLETIN

LARRY (ASB) WILL PROVIDE A PROFILE ON (WHO ELSE ?) LARRY (ASB) TO SHOW ALL AND SUNDRY THAT IT IS NOT A PAINFUL PROCEDURE.

APRIL MEETING

IAN N. DALY, TECHNICAL SUPERINTENDANT, QUALITY ASSURANCE SECTION, CENTRAL NUCLEAR SERVICES, (ONTARIO HYDRO) WILL ADDRESS US ON THE SUBJECT OF THE DISASTER AT CHERNOBYL, U.S.S.R.

REMINING REMINDER

IF THE NUMBER IN THE UPPER RIGHT CORNER OF YOUR ADDRESS LABEL ON THIS COPY OF THE NEWSLETTER IS LESS THAN 87, THIS IS THE LAST BULLETIN YOU WILL RECEIVE UNTIL YOUR 1987 FEE HAS BEEN RECEIVED. IF YOU HAVE NOT DONE SO, USE THE FORM AND INFORMATION BELOW BEFORE MARCH 15TH.

THE FOLLOWING IS IN EFFECT UNTIL SEPTEMBER, 1987

- 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, 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

NOTE OF THANKS

 THE FOLLOWING WAS RECEIVED BY THE SECRETARY FROM MEMBERS OF TED
 (ADD)'S FAMILY.

N.S.A.R.C.

TO THANK YOU FOR YOUR KINDNESS AND SYMPATHY AT A TIME WHEN IT WAS
 APPRECIATED.

JOHN, BILL, AND BETTY BRANT

INTERESTED IN RADIO'S ANCESTORS ?

 YOUR EDITOR WAS GLANCING THROUGH A JANUARY, 1987 COPY OF
 'SPLATTER', THE NEWSLETTER FROM THE YORK REGION AMATEUR RADIO CLUB,
 WHEN I CAME ACROSS AN ARTICLE BY DAVID ADAMS (VE3HBF) TO WHOM I
 APOLOGIZE IN ADVANCE FOR THE MUTILIATION, PARAPHRASING, AND
 SYNOPSISING THAT I WILL HAVE TO DO IN ORDER TO FIT THE INFORMATION ON
 THIS PAGE.

BORN OF A COPENHAGEN PHARMACIST FATHER IN 1777, HANS CHRISTIAN
 OERSTED, WITH HIS BROTHER ANDERS, GREW UP IN POVERTY IN THE CARE,
 LARGELY, OF A NEIGHBOURING WIG-MAKER AND HIS WIFE WHO TAUGHT THEM
 MATHEMATICS. THEY LEARNED GREEK AND LATIN FROM AN ENGRAVER, DRAWING
 FROM A LOCAL BAKER, AND FRENCH AND ENGLISH FROM THE COUNTY SHERIFF.
 BOTH APPARENTLY SHARED A GREAT THIRST FOR KNOWLEDGE AND WERE
 APPRENTICED TO THEIR FATHERS PHARMACY AND ATTENDED COPENHAGEN
 UNIVERSITY AND BOTH WENT ON TO BECOMING RENOWNED IN THEIR OWN FIELD.

ANDERS, WHO STUDIED LAW, BECAME A JUDGE AT 31 AND LATER SERVED
 HIS COUNTRY AS MINISTER OF JUSTICE AND AS PRIME MINISTER.

HANS CHRISTIAN FOLLOWED ANOTHER ROUTE TO FAME; HE BECAME A
 PROFESSOR OF PHYSICS AT THE UNIVERSITY, WHERE HIS LECTURES DREW LARGE
 AUDIENCES, AND WORKED WITH MANY OF THE LEADING SCIENTISTS OF GERMANY
 AND FRANCE. HE OFTEN PERFORMED EXPERIMENTS IN FRONT OF HIS AUDIENCES
 AND, DURING A SERIES OF LECTURES IN 1820, DEMONSTRATED A RELATIONSHIP
 BETWEEN ELECTRICITY AND MAGNETISM WHICH UPSET THE LAWS THAT WERE THE
 BASIS OF THE SCIENTIFIC THINKING OF THE TIME. HE WAS REPORTEDLY NOT
 GOOD AT EXPLAINING, DESPITE HIS GENIUS, HOW HE GOT HIS RESULTS---
 PERHAPS DUE TO REPORTING THEM CRYPTICALLY IN LATIN,--(NOT FAIR
 -EDITOR).

HIS WORK, HOWEVER, ALLOWED OTHERS, SUCH AS FARADAY AND AMPERE TO
 COMPLETE OTHER STUDIES THAT PAVED THE WAY FOR THE EVENTUAL DEVELOPMENT
 OF WIRELESS COMMUNICATIONS AND WHEN HE DIED IN 1851, HANS CHRISTIAN
 OERSTED HAD CERTAINLY EARNED HIMSELF A PLACE AMONG 'RADIO'S ANCESTORS'

QSN? (AGAIN SAME SOURCE)

 A SPACEBAR IS A ZERO-GRAVITY SPEAKEASY.

A RECTIFIER IS AN OMBUDSMAN.

A SMILE IS A WHISPER OF A LAUGH.