

BUSINESS SHOWS PROFIL

First Dance A Smash

A good time was had by all once more at Hallmark Hall.

The spirits rose as spirits flowed freely as just over 500 moved to the sounds of the "Spectres."

A rhythm and blues combo, the Spectres are a three brass

-- socketing sax, trumpet, trombone, with electric organ, drums,

lead and bass guitar and certamly not least, but last, a good vocalist. This dance was somewhat a revolution in the tradition of BCIT dances.For once the technologies intermingled, there were no "Tech Tables."

A tip of the proverbial quill goes to Business for oganizing a great dance. Colorful miniskirts added to the mood.

The next big fling for BCIT swingers will be a first ever psycedelic pumpkin to happen, October 20th at 8:30 p.m. at Hallmark Halls.



BYRON STARR PHOTO

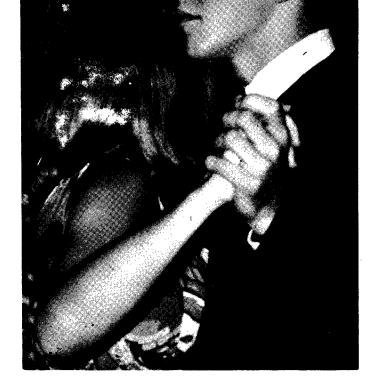
KAR-

"Maybe Forever"

WINNER NORRIS

RECIEVES RING

Fellow future technologists.



the judges' decisions have been laid down through unanimous vote to decide the fateful naming of our dearly beloved "shack in the back". It is our very own Student Committee Building and would you believe - "Maybe Forever"?

Bill Norris, a B.C.I.T. student presently enrolled in 2nd year Business, Administration option has been chosen winner of the Name the Shack contest, and of a B.C.I.T. ring of his choice. His entry, "Maybe Forever" was chosen over the twenty-five others for its suitability and its originality. Although it can be admitted that "Freedom Hall", "Psychedelic Cell" and "Protest Hall" have a strongly bizarre appeal, there would be, however, no guarantee that an invasion by our longhaired, bare-footed Vancouverites would not ensue ... and what would the mayor say? There is no doubt that the Committee Building will be an 'ice breaker'



WTAMURA PHOTO

but when someone suggested "Bernie's Bashhall", well, we suppose that both were thought to be perhaps a little out of context.

"It Happened" was another creative thought which was emitted from the depth of one more imaginative soul, but after several futile attempts to come to complete agreement over where, when and how IT HAPPENED and who or what IT was, the delightful ambiguity but, nevertheless, ambiguity of it all was revealed. Therefore, after hours of pensive deliberation and careful analysis of each of all the very exceptional entries, it was decided that "Maybe Forever" had a little more durability than its close counterparts. Congratulations to Mr. Norris are in order as well as an appreciative thank you for each and every one of the entries which were original and ingenious in their own individual wavs.

BYRON STARR PHOTO

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THE LINK

TUESDAY, OCTOBER 10TH, 1967

Letters

Editor, The Link, Sir:

First, I would like to congrat. ulate you and your staff for

churning out another excellent issue of the "Link."

Dawn

I wish you the same success on future publications.

My letter concerns your editorial on September 25th. You summarized the article with, "Instead of 'Business Rules' or 'Sam Stud Rules' as the rebel yells at the next big BCIT function, let's hear it for BCIT and technologists as a whole."

I would like to take issue with this point.

Within the bounds of the school, or semi-closed school functions, BCIT students have one thing in common, namely, they are all students at BCIT.

"Yea BCIT," is taken for granted.

School spirit must develop from within itself. Inter-tech rivalry performs this important function. "Yea E & E " is and should be

the order of the day within the school. However, the situation natur-

ally reverses when outside the bounds of BCIT. A spectator at a rugby game cheers for BCIT rather than for a player on the team who might be in his technology.

When asked which school he attends, a BCIT student says. "BCIT.

This is the natural order of things, and you should not condemn a student for being overly proud of his individual technology.

Anyway, wasn't it you I heard yell "Yea Building" at the last dance?

> Yours sincerely, L. DOUGLAS HALL, President 67 68, BCITSA

EDITOR'S NOTE:

Yes but I also yelled B.C.I.T.

Editor, Sir:

When perusing the last copy of The Link, I came upon an article written by a Mr. Toto Miller, who extolled the virtues of the lowly match.

This I found amusing, but giv-1 came to the conclusion that Mr. Miller is a person who has failed to learn the first lesson imposed or imposed by others.

Mr. Miller, by his action, showed a complete lack of respect for his fellow student, for no perin his surroundings or consideration for others.

Yours very truly,



IT WAS BENNETT !"



By DIANA LAWSON

One of the biggest, most puzzling questions this year has been;

"WHERE IS THE LIBRARY?" You need not ask again!

The library is found in rooms $375\,$ and $\,376\,$ on the third floor $\,$ of the new wing, west side.

The librarian, formerly from the UBC Library, is Mr. R. Harris.

This is his first year at BCIT. Mr. Bracewell, the reference librarian is also starting his first year at our institute.

They can be found in their offices in Room 374 (right across from the library).

People viewing the library for the first time may have reservations as to its adequacy.

Keep in mind the present location is temporary. In fact, it is in the new electrical and electronics lab!

ready by next September.

(That is August by the earliest date and November by the latest.)

It will be part of a three storev building which will include a bookstore and student lounge, as well as Instructional Communications.

The library itself will have -carrolls for studying, room for 50,000 books, seating facilities for 500 students.

These are minimum requirements for an institution of this size. The library will serve not only BCIT but the BVS and the UBC Department of Education Industrial Arts Branch.

Mr. Harris, the Librarian, has voiced interest in student opinion of the library. According to him, a library is a reference to man's technical and cultural background.

It should be free and open to all. In the future, librar-ies will not only be a visual experience but a combination of audio-visual making use of man's knowledge of recent years.

EDITORIAL COMMENT

"B.C.I.T. & B.C.V.S. SPECIALIZE"

the LINK

The Newspaper of the

British Columbia

Institute of Technology

Students' Association

Editor-In-Chief.....NIGEL BANKS

Associate Editor.....DON CROKER

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Skea, Bob Viggers, Marie Williams, Pat Murray,

Diana Lawson, Russ Graham, Andrea Zanatta, Don

Croker, Bob Ostle, Karen Beck, Tom Croft, Toto

The opinions expressed are those of the writ-

ers and not necessarily those of the Association.

STAFF THIS ISSUE

Miller, John "dark" Horbach.

Burnaby, B.C.

The Columbian's Burnaby Progress Edition of Saturday, September 23rd, states, "The B.C. Institute of Technology and the B.C. Vocational School, provincial facilities specializing in ingserious thought to the matter retaining and advanced technological courses, are located together at Willingdon and the Grandview Highway." The press does it again! of life .. discipline, whether self

Again the mistaken association of BCIT-BCVS is presented to the public. The editor is sure that the vocational students are just as son who litters has any pride concerned about this image as we are.

They will go on to become skilled tradesmen and specialists in their fields, just as we will become specialists in ours. Surely then, it will be of benefit to both groups, who each fill a specific place in the economic struc- Editor, The Link: ture, to present distinct images.

This is not to say that we are advocating a snobbish or "holier than thou" attitude amongst either groups. It is vital that this does not happen, because our careers will no doubt call for close work with skilled tradesmen on one hand, as well as professionals on the other.

A close rapport is required but we, as technologists in an area only dimly aware of us, must show distinctly to this society how we fit into the technological-vocational-professional strata, and furthermore

How come, in the same article, SFU gets 31 lines of print, while BCIT and BCVS share only 10, when BCIT is the only truly unique institute of the three?

Mr. E. CARTER Janitor Supervisor. * * *

It was very gratifying to read your editorial comment in the last issue of The Link.

The lack of BCIT sprit is a definite mark against our image. Students complain that people cannot differentiate between BCIT and BCVS, but I don't see them doing anything constructive to promote a distinctive BCIT spirit. SPEAK OUT!!!

We may have our short comings as far as facilities are concerned, however I refuse to believe that our students have short comings!

Let's make a name for our institute, let's put BCIT on the map!

-- ROBERT FORBES. President, E/E.

EDITOR'S NOTE

thankyou sir

Furthermore, the library has been moved three times since the institute began.

Not bad??? Last year it was moved twice!!!!!

The present library seats 70, has approximately 10,000 books, does not have fines except on reserve books, has open shelves (dispelling rumours that there were closed shelves), assistance if required, open to day and evening students.

Most students make good use of the library. The fact that there are no fines except on reserve books is exceptional es. pecially when compared to other institutions.

Losses are not bad at BCIT, however, mystery still surrounds a complete set of "FIX YOUR OWN VOLKSWAGON, CHEV, FORD," etc. that is still missing. We, at BCIT, don't fool around! Now .. another question con-

cerns T T NEW LIBRARY. brary should be Th∩

Even now many libraries have tapes, records, slides, films and micro-films in addition to books.

Are YOU interested in forming

club. This club would enable the students to voice their opinions and requests on a regular basis to the library staff.

Furthermore, are you interested in working for the library.

At present the library has about 20 hours of part time help. If you are interested, contact either Mr. Harris or Mr. Bracewell for detailed information.

As a student of BCIT, your needs in literary material are paramount ... only through communication will the library staff be able to assist you.

Voice your opinion on the library committee club.

THE LINK

of witnessing the most horrible

example of Yank propaganda that

has ever disgraced a Canadian

display on a recent Smothers

Brothers program. What is most

frightening about this display is

that millions of impressionable

Canadian youngsters are being

exposed to this form of brain-

washing day in and day out through-

out their young lives. They are

constantly exposed to pro-Yank

influences in the television pro-

grams they watch, the school

textbooks they read and are sup-

posed to learn from, the major.

ity of the movies they see, and

even the radio commercials they

hear (Mountain Dew, better than

the FOURTH of July - not a dir-

three, I wanted to join the Yank

armed forces, because I had been

brain-washed into thinking that

the United States is the greatest

thing on earth. Thank God I now

know differently. You and I must

do all we can in the future to en-

sure that our great country is not

assimilated by the mind-bending

monsters to the south of us. We

must keep our children Canadian

love for this grand and glorious

nation of ours. I feel that we have

more to offer the States than they

have to offer us. So, I would like

to present a plan for the Canadian

conquest of the United States.

bedrooms with copies of "Ook-

pik", drown their teenagers'ears

with the rock sound of the Paup-

ers, Mandalla and Tom Northcott,

tell their college students there

is no draft in this land, inform

We will fill their children's

We must fill our homes with

Even when I was in grade

ect quote).

in every way.

I am referring to the revolting

television screen.

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Between All Floors

by Don Croker

It has been quite a surprise to me that since the last writing of this column a number of people have asked me for my opinion regarding the over-all image that BCIT has with the public at large.

This is not the place for me to expound my own personal opinion. My opinion is only one of nearly 2,000 that exists on this campus. But this is as good a place as any to find out what others may think and what it is that could be done about it.

The main concern that is felt by many people is the lack of identity that the institute seems to dubiously enjoy. Simon Fraser has its own identity and so does UBC. The main identity that BCIT seems to have is that of a poor relation of the Vocational Institute.

I am in no way suggesting that there is anything derogatory in this association. We all respect the fact that we must live together and also that each has its place in the future, but there is a very distinct difference. BCIT is an academic institution giving special emphasis on the technologies.

For some reason unknwon, this difference does not seem to be appreciated by the public at large. This is surprising really because in the United States an Institute of Technology is held in great esteem, and rightly so, for they have set many precedents and have enviable records.

True, they have been established longer. We, as yet, are young and there is no tradition that we may fall back on. This tradition is being built slowly every day and it is the legacy that will be handed on to those who will follow.

History is full of cases where the teething troubles of tradition were hard won and difficult to forge. But once forged, they have become a yard-stick against which one can measure the future.

In being so young, the opportunity lies in the hands of each and every one of us to establish a tradition and to create an image that the future will be proud to be a part of.

But this image and tradition is not going to be worth its salt if everyone just sits back and does nothing about it. You are part of it whether you like it or not and it is up to you to help toward doing something about it.

So it simply boils down to 'what do you want to do about it'???? Coming back with the comment 'Why bother'!!! is pointless rhetoric because if that is the way you honestly feel, then it indicates your lack of pride, both in the college, and in yourself. It is fortunate that this is not the way that the majority feel.

For some, the years pass all too slowly but for others they are gone 'ere' turns the night. After graduation, and in later years, all will look back with nostalgia and pride because the institute will build its reputation despite those who feel that it is not worth 'the bother'.

Every student, upon graduation, will leave with his or her copy of 'Nucleus,' handsomely bound and rich in content, and this will be shown and treasured with pride because they are in it and are part of it.

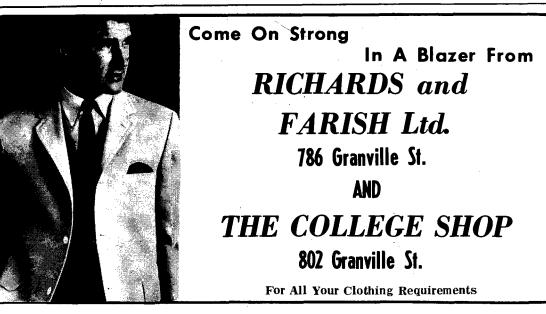
But every student must remember that they are part of something bigger and only they can set the mile posts for others to try and pass.

One suggestion put forth to establish an identity and identification for the individual with the institute, and to the public at large, is for the men to wear an Institute tie. The colors of the Institute are black and gold, and some very smart designs can be made with these two colors. As the wearing of a tie is a very personal thing with most men we are arranging for some designs to be drawn up by a reputable manufacturer and these will be displayed for all to see at a later date. Your opinions will be solicited and based on these opinions a decision will be made.

This applies also to the ladies of the Institute. There has been two suggestions so far, as follows. A white sweater, well designed, and carrying on the right arm a band of black, gold and black just above the elbow. It is not intended to begaudy but to be in the best of taste. The other suggestion was for all thegirls, but could apply to the men as well, to wear a black silk scarf, about four feet long and nine inches wide, having gold tassles on the end and carrying the Institute crest neatly positioned at one end. It is again hopefully anticipated to have samples whereby you may be able to judge for yourselves.

These suggestions are for a personal identification of oneself with the Institute and it won't take too long before the members of the public catch on.

To really bring the Institute of Technology as such slap bang right into the lap of the public really requires a big effort and everyone's co-operation. But everyone participating could really get a kick out of





By BRUCE GATLEY.

Hello there, peoples, welcome to Beat Street No. 2. For the first time, the regular features hit the scene. Fred Latremouille is our Jock of the Day and the recent Monterey Pop festival happenings are the two major features, with a smattering of other bits of nothingness thrown in for bad measure. Sock it to me?

JOCK OF THE DAY

LG's Fred Latremouille, one of the top pop jocks in our city is Boss Jock, Freddie. Also acting as "Chief Raunchy Wolf", The Freakin Deacon" (a take off on Timothy Leary), and Percy Sweettinker, Freddie has been putting down our kind of sound in Vancouver for four years.

Fred has been swinging in the pop bag for seven years. He is a drummer, and has played for "The Vicounts" & "The Adventures" to get mad money when he was fourteen and fifteen. At sixteen, he landed a position with CKYL Peace River, Alberta, for 6 months after which, he went to the then C & W sound here, CJOR,

It was soon apparent that his bag was pop, and the station gave him an afternoonteen show. After about 6 months, he bounded to C-FUN, and from there to Boss Radio, where he swings to this very day.

To describe Fred Latremouille is an impossibility. He ranges from cool and philosophical to wild and unbelievable. He comes across with a couldn'tcare-less attitude which brings rapport with his many fans. Swing with Freddie from 3 to 6 daily on Boss Radio.

* * *

BEAT STREET - HITBOUND.

I'm Wondering -Stevie Wonder Latest in the blues bag for this blind teen star, is this Tamla/ Motown was. Utilizing the same patterns as were prevalent in "Made To Love Her," Stevie has a sure-fire smash riding in this one. KENTUCKY WOMAN -

Neil Diamond

It sounds a lot like "Cherry-Cherry", and is the latest in a long string of impressive sounds. Watch this one climb. Express to Your Heart -

Soul Survivors A hard blues beat that alternates with a soft crooning style gives a welcome new arrangement to pop blues today. Great potential. I Can See For Miles - Who

This group is one of the hottest English things to come down the pike. A hard driving beat should catapult this single to the winner's circle.

Monterey and Music Recent Pops Festival.

Fifty thousand people and talent from all over the globe were present in Monterey early this summer for the first Monterey Pops Festival.

Acts present were The Association, The Mamas and The Papaps, Simon and Garfunkle, Eric Burdon and The Animals, The Paupers, Lou Rawls, Johnny Rivers, Country Joe and The Fish, Big Brother and The Holding Company, Paul Butterfield Blues Band, Canned Heat, The Moby Grape, The Byrds, Jimi Hendrix, Otis Redding and Ravi Shankar to mention about half. The three days were fantastic with a real holiday atmosphere.

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it and the effort would really be worthwhile.

Within the Institute itself we have inter-Tech rivalry and each Technology thinks that their's is the best, and why not. But here is a chance for each Technology to take on the rest in direct competition. At some convenient time in the Spring, when the weather can be relied on to a certain extent, we should have a 'Rag Day Parade' and have it right through the centre of Vancouver.

A Rag Day in which all the students don rag type clothing or costumes of any description and, in company with their Technology floats, join the parade. Now a parade without a purpose would be pointless and a waste of time and certainly not achieve what we would like it to. But if we were to associate the parade and the whole day to a very worthwhile charity, such as multiple sclerosis, or the Crippled Childrens Society or some such similar charity everyone would be doing a worthwhile job for an excellent cause. All students that would be walking could carry collecting cans, or maybe groups of four at the corner of a bed sheet, and encourage the public to denote to the worthy cause. Each Technology could design a float of their own, illustrating their Technology either in fact or in carricature and that would be easily recognized by the public. Certain other organizations such as the Fire Department and the Police would certainly participate and co-operate. In fact there would be no shortage of willing helpers and participants but this is aimed at being a College Parade and besides helping an excellent cause it would certainly make the Institute stand out. It should be looked at from the point of making it an annual affair and such a parade, properly done and properly organized could only bring credit to the Institute. Cont. on P. 7

their politicians it is more challenging to do a good job in Parliament than Congress, and, finally, tell their sports fans that hockey is a much more sensible national game than baseball. They'll vote for union with Canada, under our laws and policies, quicker than you can say "Johnny Canuck". seriously, I feel that the threat to personal freedom from "Big Brother" to the south is very serious indeed. Canadians must quit this silly squabbling among themselves and work together to make this glorious country of ours the leader of free, peace-loving, people, both Communist and pro-Western alike. Leave the Yanks to supposedly save the world from Communism. It is up to us, as Canadians, to save the world from total destruction. First we must unite our great country, instill in our children a deep love of this land, and then spread the message

LOW RAWLS AT THE Q.E.T. Lou Rawls is fantistic. At 32, he has graduated to the big time theatre and night club crowd from the "chitlin circuit", a group of small negro clubs, on the strength of his last five albums. He hit the pop market with Dead-End Street about 6 months ago-go, and has "Show Business" doing the U.S. survey scene currently. He is at the Queen E., in future - this column will tell all. Pop music has never been stronger at any time in the past. The only way to go is up. Our music can now support an entire festival, as has been the case with Folk music and Jazz for many years. Keep reading this column for the latest news on all the pop action from all over the world. You are reading Beat Street and THE LINK is where it's at. Read me in living black and white. See you next ish!

EDITOR'S NOTE:

The program in question concerned a humorous song and dancing routine performed by the Smothers Brothers and their guest stars. The gist of the routine was that the American people themselves were more American than all the things we associate with the U.S.A.

date som amor yner oer stimete gerek.

Unit. On

thanglen sre

of peace and love to the world.

by DENNIS RIMMER.

Strute or the fired?

BLOOD DRIVE A BLEEDIN' SUCCESS

Broadcast Communications
Building
Business Management
Chemistry & Metallurgy
Civil & Structural
Electrical & Electronics
Food
Forest Products
Forestry
Health
Hotel, Motel & Restaurant
Instrumentation & Control
Mechanical
Medical Laboratory
Medical Radiography
Mining
Natural Gas & Petroleum
Surveýing
Staff

C & S try harder and bleed nation-wide competition for the more . 70% of the Civil and First Tradition Trophy, present-Structural students donated blood for the C&S sponsored Red Cross Blood Drive, on Thursday morning, September 29th.

The Red Cross brought their empty plastic bags and enriched orange juice to the school's Food Processing Lab and left at 5:00 o'clock with four hundred pints of BCIT blood.

The following Friday, the Red Cross vans returned and reticint students were railroaded by dehydrated Thursday bleeders into contributing more pints of blood.

C & S slipped to second place with a final standing of 97% while Mining drained 100%. Gas & Oil at 91% was third.

More students who were unable to donate blood registered to get a point for their technology and a few more tired staff members bled for the cause. The drive entered BCIT in a

First Tradition Trophy, presently held by Mount Allison University in Sackville, New Brunswick.

23%23% 20% 18%97% 18% 36% 56% 18% 30% 32%19% 13%40% 52%100% 91% 41% 15%

Despite the number of first time donors and the theory that blood should drain faster from the nervous veins of first time tion," the students said. donors, students took over an hour to run the full "gauntlet."

The ordeal started with a Coke and an accusing interrogation --"Have you been under a doctor's care in the past year?".

Loyal to their technology, students bravely admitted their acne conditions to the intimidating nurse.

Lying on a lumpy bed clutching a baton (left over from a Red Cross track team relay?) apprehensive students kept one eye on the stop-watch and another on the plastic bag placed discreetly underneath the bed.

Worried that the bag was filling up rather quickly, students were reassured by watchful nurses that the bag had already contained a chemical which preserved the blood and prevented coagulation.

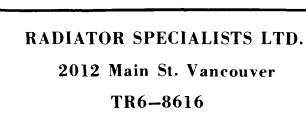
"Oh, spare us from coagula-

The ordeal ended with supervised co-ed relaxtion on another lumpy bed.

Worn out students were then rewarded with coffee. orange juice and cookies.

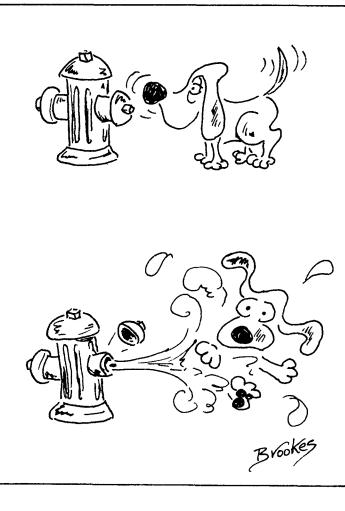
Who was the certain Med Lab student who fell off her chair at the Villa during lunch hour on Friday, September 29?

Re: Outdoors Club. We don't know about their outdoor activities, but their indoor parties are the greatest.



HAVE YOUR RADIATOR CHECKED BEFORE ANTI-FREEZE TIME! CLEAN, REPAIR & RECORE. FREE ESTIMATES.





HEALTH TECHNOLOGY BIOMEDICAL OPTION

During these first weeks of the Fall Term at the Institute you may have noticed the existence of a new Health Technology, This Technology is made up of 7 Options, one of which consists of a group called Biomedical Technologists or, more simply, Biomeds.

gy and human biology.

The second year becomes more specialized, with a combina- biomedical technology are numertion of physiology, biophysics, ous and will increase rapidly. biomedical electronics, medical Because graduates of this proinstrumentation, practical exper- gramme are the first of a new ience in local health institutions breed of health workers they will and further work in mathematics be in the enviable but difficult and electronics. Computer systems likely to be used in local medical practice and biological laboratories are available at the Institute. Now, what is the point of all this labour? You will be able to gain some idea of the graduate's capabilities by a visit to the Biomedical Lab. When equipment deliveries are complete the lab will provide a comprehensive selec. tion of physiological data acquisition systems. In simplifed terms such a system may be regarded as, say, a pick-up device to collect electrical signals produced by the body, or a transducer to convert non-electrical signals to electric currents; amplification units to enlarge the tiny signals which have been collected; read-out devices such as oscilloscopes and chart recorders; and data processing systems, like the computer, for analysis of the recorded information. Small animals and the students themselves will provide

subjects for the laboratory work. Employment possibilities in John Williamson Photo

The present class of Biomeds contains 13 students, 8 men and 5 women, and is the first of its kind, integrated within a large health technology programme, in North America. Since biomedical engineering and technology constitute the largest and most exciting recent developments in medicine this is a "first" of which B.C. can be proud. Educational institutions and the medical professions of Canada and the U.S.A. are receiving news of the programme

with considerable interest.

As with all other B.C.I.T. programmes the Biomed curriculum is based on an approximately half and half balance of practice and theory. During the first year a considerable proportion of the student's work is done side by side with other Health Techs and Electronics Technologies. This first year includes mathematics, chemistry, English and electronics, together with studies in the life sciences such as microbioloposition of being able to influence the future course of events in their field. It will be possible for them to work as operators, collecting physiological data, and as

service and repair technicians, also carrying out the minor design and fabrication of electronic and associated mechanical apparatus. They will provide valuable assistance to the biomedical engineer and the medical specialist and will work in industry, hospitals and research establishments. Further to this, an important part of the work of a successful biomedical technologist will be his or her continuing education and the orderly collection of information about new discoveries in the biomedical field. These discoveries, and the new techniques associated with them, are occurring so rapidly that a specialized training like the Biomed programme is required to turnthem to advantage for the maintenance of good health in the community. A. RIDGWAY.

SIMPLIFIED RALLY GUIDE

By RENE BIGIO

Since the BCIT Sports Car Club plans to present an extensive series of rallies this year. it was felt that a simplified set provided for all people interested in this sport.

This article is only meant to be a basic outline, and anyone interested in further information would be advised to join the sports car club as well as to purchase more detailed guides.

(A visit to Bob Courtney at Motorsport Accessories in New Westminster should give you a fair idea of what's available.) TIME - SPEED - DISTANCE

RALLIES

`These are the most common. The contestants are provided with route instructions and are expected to follow the designated road at the specified speed.

It is the navigator's job to keep the car on route and on time. For this reason, the navigator is boss. The driver is expected to follow every instruction given by his navigator.

By the same token, the driver should not have to worry about "back seat driving" on the part of his navigator. The car should remain the driver's sole responsibility.

The respective responsilities Factor of driver and navigator should be settled before starting the rally in order to insure a smooth run.

One of the first things to decide is the member of the team who is to read the odometer. This is usually the driver's job, although in cars equipped with special rally odometers, the navigator will read it.

Needless to say, it is the driv. er's responsibility to see to it that all instructions are followed.

It will also be necessary to decide beforehand who is to get out of the car to present the time for ence is enough to put you sheet to the check point crews. off route and this difference would Either member.: may do this,

although usually this is the driver's job, since navigators appreciate the extra few minutes at check points.

ROUTE INSTRUCTIONS These are based on a fairly definite set of standards. The terms used are as follows:

- 1. Turn -- change of direction of approximately 90 degrees. 2. Bear -- less than 90 degrees.
- 3. Acute turn -- change of direction of more than 90 degrees.
- 4. Tee -- the road being travelled on ends at a point where angle.

The abbreviations used are also standard:

- 1. R -- right or turn right.

9. CAS -- commence average speed, change average speed. A fairly typical set of instructions would look like this:

This section starts as the car of rally instructions should be turns right. If the car is equipped with a zeroing odometer (trip. meter), it should be zeroed at this point.

> If not, the navigator should record the mileage shown on the counter. This is vital, as all other instructions in the section are based on this.

> The second instruction signifies that a left turn is to be made 0.98 rally miles after the right at Roberts. However, since no two odometers will give the same reading a correction factor will have to be applied.

> The first section of every rally will contain an odometer check. This will be a clearly designat. ed distance measured by the rally master's odometer.

> Each contestant must travel over the exact same route and record the distance shown by his odometer. The correction factor can then be obtained by using this formula:

Correction = Car Mileage Rally Mileage.

Every mileage then shown in the instructions must be multiplied by this factor.

In the given example, assuming the correction factor to be 1.03, the driver would turn left at 0.98 x 1.03 -- 1.10 miles.

Obviously the difference here is negligible, but at the 6.09 instruction, the corrected mileage of 6.26 is quite a ways away from the rally mileage.

The two tenths of a mile difincrease as the rally mileage increases.

A quick look at the above instructions, taken from the 1967 Path finder, is enough to make novices realize that the car speedometer cannot be used for keeping on time. No speedo. meter can be read that accurately, nor is any driver good enough to maintain exactly 25.80 m.p.h., for instance.

It is necessary to adopt other means of timing.

The intricacies of rally timanother road crosses at right $% \left({{{\left[{{{\left[{{{c}} \right]}} \right]}_{{{c}}}}_{{{c}}}}} \right)$ ing are far too complex to go into in detail in this guide, but there are two basic methods: miles . per - minute or mintes per - mile.

gator would note the time. Exactly one minute later, in order to maintain his average, the driver should have travelled .55 miles.

In two minutes he should have travelled 1.10 miles, etc.

OR b) convert the miles per hour to miles per minute by dividing 60 by the m.p.h. figure.

e.g. -- 33.20 m.p.h. -- 60 over 33.20 -- 1.81 min. per mile.

In this instance, the navigator would note the time as before, but would wait until his odometer reads 1 mile, which should have been covered in 1.81 minutes or 1 minuite, 49 seconds.

It must be stressed, however, that the main thing is to stay on route. For most novices, this might meandriving by the speedo-

meter, with the navigator devoting all his attention to route instructions.

Since hitting an off route checkpoint usually carries a 30 point penalty, it can be seen that the few points lost by faulty timing are inconsequential.

First make sure you're on route, then worry about timing. With the above guide, the novice should now be able to follow the sample instructions.

Note that the end of the section is given on the first line (proceed --- via.:)

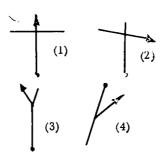
The rallyist would follow the last instruction (L on Harris) until he reaches the intersection specified.

The double line across the page signifies the end of the section.

The next section will provide contestants with an instruction to zero their odometers. This should not be done before hand.

ALPINE DIAGRAMS

These diagrams are nothing more than a small road map. The car's location is represent. ed by a dot and its direction by an arrowhead.



IN GENERAL

- 4. In some sections, no average speed will be given, but a maximum time will be in the time column on the instructions. Do not proceed onto the next section until this time is up.
- 5. Time lost or gained at a check point cannot be made up. In effect, you start a fresh rally after every check point.
- 6. When entering a check point, you must drive past the coatrol car and park off the road before returning on foot to the control car with your time sheet. Penalties are liberally dished out for blocking checkpoints.
- 7. All check points are located on the even minute mark, never minutes and seconds.
- 8. If you become totally lost, read ahead in your instructions until you find a recognizable intersection, proceed there, and resume rallying.
- 9. Above all, stay on route.

IN CONCLUSION (AT LAST)

Simplified rally guide, you say, what's so simple about it?

It's true that much, or perhaps all, of this is totally unintelligible (possibly due to the author's lack of coherence) but most of it follows naturally once a set of instructions are placed in your hands.

Just remember that most other novices (and some not-so-novices) are equalled baffled, and just go out and have a ball.

That is the most important function of a rally. Hardware and dash plaques merely increase the feeling.

In case you feel discouraged, it might be wise to reprint the opening lines of an article I wrote after my first full length rally.

"A rally enthusiast is an odd creature. He is willing to have his eardrums assaulted, his nether topography numbed, and his kidneys sorely tested -- just for the dubious pleasure of going from A to B at 32.14 m.p.h. or some such nonsense. Of course, none of this is on paved highways, not even on country lanes! This nut feels cheated, depriv-

ed of his right, unless he is al-



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LINK OFFICE,

STUDENT BUILDING



fair about it. So you've lost on one count, but Roadrunners unite. There is still somebody to be had. Oh, and all you aspiring Gold Swingers . . . care to paint that 20 year old some body???? October 12 and 13 could be when it happens. Rumour has it that you will only get one more chance after that. Come October 28, the sound and splat of musical brushes comes on strong.

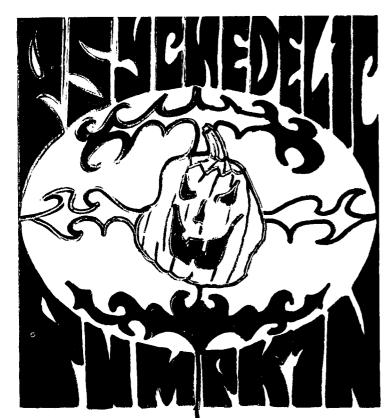
 L - left or turn left BR, BL - bear right AR, AL - acute r left. SO - straight on. SS - stop sign. Hwy high way T - tee junction TIME Mileage 	t, bear left. The basic procedure is this: 4 way intersection.	 I unge you to overcome any such sentiments until you have actually tried one rally. 	They call themselves the "Panthers" and it seems the group has temporarily taken up Rugby as well and they're winning consistently. Seems the formula runs something like this: girls watching guys watching girls watching guys watching cheer- leaders cheering on winners, fol-
0.00	Proceed to the intersection of Harris & Beharrel Rds. via: R at Roberts Road CAS 33.20 m.p.h.	nut or else you'll merely pick up your car's suspension pieces and go home, numb bottom and all, never to mention rallying	lowed by parties where they final- ly get together with their optical activity. But please note, my
0.98	L R at Cornock	again.	friend, that the winners start los- ing just about here 'causethey're playing rugby that is. And
4.65	CAS 25.80 m.p.h. SO Marsh McCormick	"PANT, HERS A GIRL"	where are you right about then? Still Froshspecting in the foy- er???
5.40	B.L. Dyke Rd. BR	TECH - RUGGER OPTION	(This article was researched and written by Adam Goodone, who for an introduction warns all ye
6.09	R at SS CAS 35.00 m.p.h. L at McTavish R at Mt. Lehman L. on Harris Rd. CAS 37.10 m.p.h.	The Rugger (or was that hug 'er) Team is in. Incognito? Hard- ly. They've found the softer side of life at B.C.I.T. But they're	who dare: "To catch student nurse, one must be patient, NOT an anaemic Roadrunner." Be ye forewarned, Sirs.)

TUESDAY, OCTOBER 10TH, 1967

THE LINK IS SHORT ON BREAD \$ \$

The staff requires:

- 1 advertising manager
- sales representatives
- (15% commission paid on all sales)





ONE MAN VIEWS

By TOTO MILLER

Since my recent arrival at BCIT, I have taken note of a unique characteristic amongst some of the individuals who usher through our halls.

These personnages move about in grim silence or in serious conversation with fellow classmates, but they are walking as if through a void, for they are not conscious of those who move on about them.

If someone tries to shatter this cold sheet of isolationism by a friendly smile or a mere "hello," glares of disapproval or absolute rejection falls upon the bearer of cordiality.

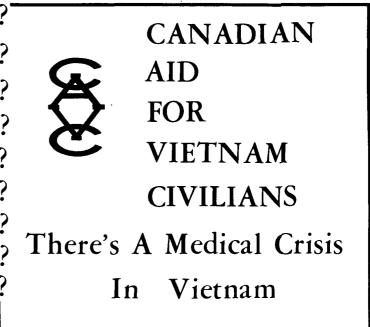
Such a stranger who desires to impose friendship or refuses to display absolute seriousness is left an outsider, and outsiders are best left outside; for so these grim intellectuals surmise.

This struck me with curiosity and with pangs of sorrow. My insatiable desire to know what caused these symptoms that I had personally rejected so long ago forced me to my last place of higher learning to acquire an answer from the storehouse of knowledge and wisdom of Doctor Vitrus.

I found the learned Doctor Vitrus in his laboratory analyz. ing what appeared to be coffee, to which he pointed out that this was in reality a slow-effecting, sour-tasting poision served in many cafeterias.

Being interested whole-heart. edly in the advance of scientific investigation. I promised that at my return visit with him I would bring a flask of some of the brew from the vending machines of our cafeteria which I have come to term as "Hemlock, the modern way."

Needless to say, Doctor Vitrus was impressed and advised me of his willingness to write a 20,000 word thesis on the subject of BCIT's "hemlock, the modern way." if, after careful scientific investigation, my analysis bore out. Our conversation then drew itself to my purpose in the visit. After relating to him the symptoms that I had witnesses to be amongst some of BCIT's inhabitants, his face wrinkled in remorse and pity. He said, "Ah, yes, such is the disease that befalls many who are striving for knowledge and are limited because they have just scratched the surface of such knowledge.



Every month thousands of men, women and children die because there is an appalling lack of doctors and medical supplies in Vietnam.

Statistics say:

- There are only 150 South Vietnamese doctors for 12,000,000 people or one doctor for 80,000 people in a time of war and plague.

= 70,000 persons displaced each month

- 50,000 civilian casualties a year by estimate of the Vietnamese Ministry of Health.

Statistics, however, cannot measure the suffering of these people. Help can only be achieved through individual commitment. The decision is yours.

Canadian Aid For Vietnam Civilians

Box 2543 Van. 3, B.C.



ledge expanding at a normal, healthy rate to fill out this vacuum, it centralizes itself in the centre in a shape and size that resembles a peanut.

Knowledge keeps on building and building inside this central core while the core shell stiffens and stiffens prohibiting knowledge to expand and burst free to fill out the remaining

joy and laughter of the simple and the absurb that enriches the simplicity of life.

Often they spout off wisdom in grand platitudes that they truly can never fully comprehend the meaning of.

Such are these intellectual snobs who may reach chronic and disastrous stages referred to as "intellectual indigestion."

It is a disease that I refer to as "Intellectual Snobbery" and in chronic stages it becomes "Intellectual Indigestion."

I asked him to clarify his statement and this he did as follows:

"The brain of such a being is an intellectual vacuum before his scholastic learning process begins.

A. . . .

vacuum.

I refer to this as "the retarded inflation of intelligence." "Now to the symptoms," he added, his face cringing at the misery he had known to be amongst these.

"Those suffering intellectual snobbery tend to walk with their noses up in the air and their eyes casting a look constantly down. They draw themselves into a shell and often try to laugh at the absurd, but it is repressed by the knowledge, which they assume to be right, that this is an act not fitting intellectual maturity.

Their heads are strained forward from the ample reading and re-reading; for the lack of understanding the constant boasting that they do have all the knowledge at the grasp of their hands forces a dislocation) in the neck.

Their faces are pale and their Instead of their acquired know. skin is drawn from the lack of

1997 - 19

.

I challenged Doctor Vitrus on what he had just described.

"If it were so, all men who strive for intelligence would be intellectual snobs? This cannot be -- '

He interrupted by saying, "All persons go through such a stage of intellectual snobbery. With some it is short lived; with others it endures all the days of their lives which reaches the acute stage of intellectual indigestion.

I ask you to remember, my boy, that intelligence humbles a man; for the more he acquires, the more he realizes how little he knows.

Intellectual snobs always speak of how much they know and constantly attempt to reveal it and downgrade the simple, whereas the simple is to the true intel. lectual part of his fascinating catalogue of experience which he voraciously laps up and places it appropriately on the scale of knowledge."

> Cont. on P. 7 · · .. · ..

TUESDAY, OCTOBER 10TH, 1967

GRADUATE STUDENT PHOTOS

During the weeks of October 10th to 13th and 16th to 20th, a professional photographer will be in the school to take graduation students (second year) photos. There has been some confus-

ion in the past as to what the cost to the student will be.

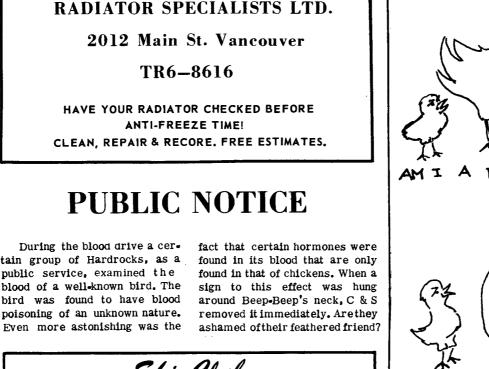
There is an initial charge of \$2.00 which includes:

- 1. The portrait sitting (which costs much more than \$2.00 at the regular professional rates).
- 2. Six (6) proofs to choose from. These must be returned since they are on approval basis only.
- 3. One (1) negative of your choice to be retouched, printed into glossy photo form and for. warded to the BCIT Nucleus yearbook to be included in the graduate section.

By paying for a sitting, students are not bound to purcahse any photos if they do not wish to do so.

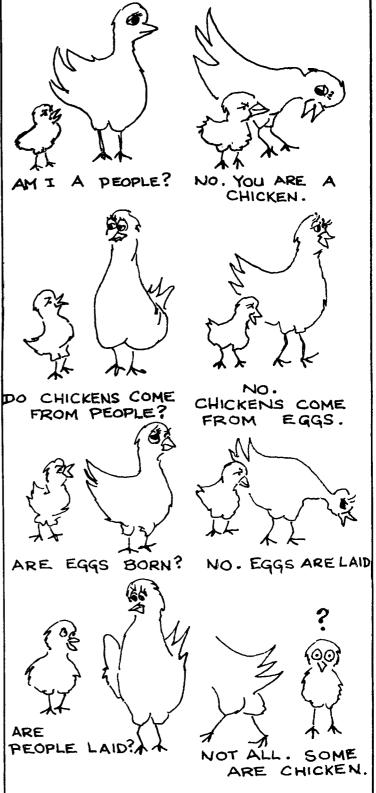
The \$2.00 is to be paid at the time of the sitting which will be held in the school.

Consult the notice board in the main foyer this week for schedules by technology.



tain group of Hardrocks, as a public service, examined the blood of a well-known bird. The bird was found to have blood poisoning of an unknown nature.

Ski Club Seymour Shaker **SATURDAY NOV.** 4 UNWIND AFTER MIDTERMS Mt. Seymour Ski Club Cabin WATCH NEXT LINK FOR DETAILS



CHEM & MET CHALLENGE TROPHY

Chem. & Met. has organized a challenge trophy this year.

A challenge can be issued to any other technology who must in turn acknowledge the challenge. The challenge can consist of anything within reason to take place during the lunch ours.

Examples of the challenges that might arise are: chess, tugof-war, ping-pong, or even tiddly winks. The challenging technology must submit a note, signed by one of its executive members stating: the technology challenged with an executive's signature from that technology, the challenge issued, and the day and hour it should take place. This note should be submitted to Room 107 two weeks prior to the challenge. Challenges will then be posted on a section of the bulletin board to be set aside for this purpose. The sheet

All techs. may challenge other cannot rechallenge the loser but the loser will be allowed one rematch to a challenge of their choice. In other words, the maximum number of times one tech. can compete against the other is twice, (the initial challenge and one rechallenge is desired.)

Points will be issued on a 10 point system; 8 for the winner, 2 for the loser, 5 each in case of a grounds where suitable. tie; in case of a default - Oto the defaulting team and 10 points to the team that shows. At the end of the year the points will be totalled and the tech with the greatest number of points will receive the trophy, engraved with their name. The trophy will then be displayed in the trophy cabinet until the next winner is decided.

Referees or Judges will be techs. to any challenge within rea- supplied by Chem. & Met or from son. The winner of the challenge some other qualified source when Chem. & Met. is involved in a challenge.

> If there is sufficient response in the form of challenges, an attempt will be made to have at least two challenge matches a week. These matches must be held during school lunch hours. Challenges will be held on school

Active participation will be gratefully appreciated so that a form of entertainment can be provided during lunch hours.

The trophy will be on display next week at which time the first challenge will be accepted.

B. MCFARLANE.

MECHANICAL ENGINEERING TECHNOLOGY

by C. J. Greenhill The Mechanicals have swung into action on various fronts with the arrival of the new academic year. Various closed social functions have been planned, and fulfilled, with more in the future, with special invitations to various other Technologies.

h.s Shopwork and Machine Tool Theory which covers an immense field and leads to the Production field.

Second year, Design option involves the building upon these basics in the form of Machine Design, Hydraulics, Thermodynamics and Engineering Graphics. Aside from his full social life, Further development is given to the Mechanical is first and fore- the basic knowledge acquired through experience with Instrumentation, and Work Study, Last but not least are the further enlargements in Math and the extension of Writing and Contemporary Thought.

posted will resemble this the sample below

Date	Location	Challenging Tech.	points	Accepting	points	Challenge
10.9.67	Foyer	Chem & Met	8	E & E	2	Ping-Pong

DEADLINE FOR COPY CON-TRIBUTIONS FOR THE NEXT ISSUE OF "THE LINK" IS 5:30 P.M., TUESDAY, OCTOBER 17th.

ALL CONTRIBUTIONS TO BE HANDED IN TO ROOM 207 OR "THE LINK" OFFICE.

BETWEEN ALL FLOORS

Cont. from P. 3

This has been done by a number of Institutes and Universities personally known to myself and they have been a tremendous success and widely acclaimed by the public and, an annual event that is looked forward to with great enthusiasm. No one else is doing this sort of thing in this neck of the woods and there is no reason why B.C.I.T. cannot take the lead and show everyone that we are just not something tucked away in a little dark corner but something to be proud of. And for all of you what is one day when it is for a worthy cause and foremost, for the Institute.

Please, please, please send in your comments and suggestions, good or bad but constructive and let us find out what you really think. This is your paper and this is as good a place as any you will find to air your views and opinions. Nothing can be done without your cooperation, but your co-operation would make it worthwhile doing.

ONE MAN VIEWS Cont. from P. 6

> "What is the cure for these intellectual snobs?"

> "A touch of the absurd; a friendly smile; their willingness to break away from that shell and express their warmth to even a stranger. You see, my boy, true intellectuals realize that all those about him can add to his thirsting knowledge.

> As I was about to leave. Doctor Vitrus concluded by saying, "Remember this above all, Intellectual Snobs are less fortunate than you and I. for they walk in the shadow of loneliness and unconsciously wish to escape from that shadow but are prohibited by that self-imposed barrier of which they falsely assume to be proper attitude to intellectual upbringing."

most, a student. This is of course the purpose for his presence at this Institute.

Many people in other Tech's have made inquiries into just what a Mechanical does in his 35 hours per week; here is at least a partial answer.

In first year the Mechanical is introduced to many of the fields in which he will take much more advanced training in his final year. General subjects include English, Math, Physics and Business; these provide a general background for his work in real life. More on the Engineering side, he takes Draughting, the language of the Mech. Mechanics and Strength of Materials which deals with the strengths and behaviour of materials under service conditions, Engineering Materials provides an excellent background in those materials used in industry and which he will be concerned with, also the First-Yr Mechanical is exposed to the production of articles, in metal primarily, through

In the Production Option, training is given in the economics, planning and implementation of efficient production practices in industry; including production planning, plant layout and further Work Study.

The result of all this concentrated learning is of great use to the industrial world beyond the confines of a sheltered school. Mechanicals find useful employment in a myriad of seemingly unassociated industries, as well as those concerned with the design, manufacture, installation, and use of machine tools and their associated paraphernalia. His wide background and considerable depth of training makes the Mechanical a useful person in his society, which is not an entirely undesirable thing.

LINK SPORTS PAGE



WAYNE HOSKINS FOR 3 SPORTS EDITORIAL

The 'Panthers' -- who are they? With no forethought to the rest of the institute, the rugby team chose a name.

Granted, they have a name now, but what's in a name?

There should be slightly more thought put into it than a hurried session in the back of a bus on the way home from a game.

We have more than one team or didn't the rugby squad realize? The name should do for all teams, now and in the future, while trying to convey what the institute stands for.

We need a name that will stand up to the likes of UBC Thunderbirds and SFU Clansmen.

BCIT Panthers just doesn't fit the bill. With the addition of a playing field and gym, who would like to speculate how far sports will go here.

A long way -- I hope. But, if all teams must carry the banner of BCIT Panthers, the teams will have a strike against them from the start.

It will stand as it is, The Panthers' until we, the student body, can find something more appropriate.

Any suggestions? By TOM CROFT Sports Editor

RUGBY B.C.I.T. **23 FOR 0 AGAINST**

In the first two games of the season, the rugby team has obtained an envious record.

The boys have two victories to their credit and -- even more impressive -- they have no points against them.

On Sunday, September 24th, the team waded through SFU 6-0.

That match was just a warmup for the following week's meeting with Royal Roads: BCIT came through with an overpowering performance to clobber the cadets 17-0.

For about three minutes at the start of the game, Royal Roads held their own against the BCIT onslaught -- then the points started rolling in.

Halfway through the first half, it was 9-0, and our squad started concentrating more on the fine aspects of team play rather than building up a monstrous score.

Tries (each accounting for three points) were gained by Harry Chow, Don Ingledew.

made on conversion to complete the 17 points. The next match on the rugby schedule is against UBC Thunderbirds No. 2 on Saturday, October 7th, which should have been three days ago.

STUDENTS TAKE NOTE

Any posters placed on Bulletin Boards: please have date and LEGIBLE signature along with technology and year, or the posters will be removed. See Poster regulations on BULLETIN BOARDS.

> BERNIE EISENSTIEN, Social Director.

WHY PAY HIGH INSURANCE COSTS.⁷ IF YOU ARE 20 OR OVER AND HAVE A FAVOR-ABLE DRIVING RECORD, CALL GORDON KEDDIE, 584-0900.

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GIRLS VOLLEYBALL FOLDS

Nice try girls.

Due to an apparent lack of co-ordination between the coach and the administration, the girls' volleyball team has quit in its infancy.

The decision to fold was made at a meeting between the girls and Mr. Frisby.

This action was brought about after a practice cancellation that was never conveyed to the players. It was not the first time. This team would have made a nice addition to the BCIT sports scene, not to mention Vancouver and B.C. Volleyball is a growing spectator and player sport and would have offered some fine competition to the local volleyball teams.

Thanks go out to all players who turned out and even those who had misgivings for not, With a bit more support next year, we 'might' have a girls' volleyball team.

by Russ Graham

After a great deal of thought,

23, (I even got a \$2 ticket), and

then watching the thriller be-

tween our boys and Royal Roads

inexperienced, amateurish, next-

to-ignorant rugby spectator like

myself) point of view, there was

no comparison between the games.

content to go through a long ser-

ies of kick-outs, line-outs, line-

ins, a few scrums and a number

of short runs, the students came

across with a great combination

of line sweeps and loose scrums

with very little excess kicking.

Although we can't say as much for

Royal Roads, the BCIT squad lit-

erally swarmed over the goal

line on most of their tries after

making 40 or 40-yard runs. Need-

less to say, their tackling was

also well above par, even though

While the All-Stars seemed

From a spectator's (even an

English All-Stars.

the next day.

test a much better game of rugby, mainly to watch but including team effort as well.

The Athletic Supporter.

Besides we won.

About the only weak point in the BCIT attack was in the loose scrum, when there was a certain hesitancy to bind in. By the end of the game, however, this problem was almost overcome, and with a few practices, should practically disappear.

* * *

There was one small thing I noticed during last Sunday's game against the RR cadets.

As any of you cats sharper than a blunt instrument know, Royal Roads is a military school, and therefore has ranks just like the Armed Forces. First-year cadets call their superiors "Mister" or "Lieutenant" or - a real dilly - "Commanding Section Cadet." These titles even stand on the playing field, yet.

Many times during the game, I heard one Roads player call to another "Over here, Mister Brodinski," or "Look out, Lieutenant Schulmeizer."

With very little imagination, you can imagine what would happen if one of these first-year ca-

ing Section Cadet Mister McFarlinghampton, Sir . . . oh, forget it."

By the time First-year Smitty got all that out, they would be scraping his superior off the turf with a putty knife.

The poor officer would probably resign his commission so his teammates cango back to calling him plain old "Seymour." As a swinger named Bill

Shakespeare once said, "A rose by any other commission would smell the same."

* * *

There is just one further subject we want to bring up: playing fields. The field at Royal Roads was excellent, but Thunderbird Field where all our home games are played, is not quite in the same category: it used to be a cow pasture.

Although this fact does not necessarily indicate its present condition, there is room here for a word of caution. Suppose one of our boys is making an inspired end sweep along the sidelines with the winning points under his arm (the ball, not his armpits, stupid), when suddenly, he slips on a big pool of $\hat{cowshit}$ fumbles the ball, breaks his ankle and loses the game.

If and when we get a rugby field, let's don't ma

I considered the student con-

I have concluded that the BCIT rugby team can compete with the

Mind you, they wouldn't do it on a direct basis on a playing field - just in certain aspects of the game. I make this speculation after watching both the All-Star Match between Canada and England on Saturday, September

Send any suggestions to THE WE 6-7872. LINK.

the weight advantage was with the opposition.

dets was to yell a warning to a superior: "Watch out, Commandverted cow pasture.



Ski Club

General Meeting

Tuesday October 10,

Room 102

5:30

Everybody Welcome