

Role of satellite in communications stressed

By PAT MACFARLAND

"If there is a single, central core to our existence, then that core is communications". This was the topic under discussion on Tuesday night at Head Hall, where a presentation and film on satellite communications and its rapid development was given by the Institute of Electrical and Electronics Engineers.

The speaker, Peter Norman of

the Communication Systems Planning section of Telesat, stressed the role and advantages of satellite usage in Canada.

The system provides access to remote areas easier than terrestrial techniques, gives multi-point distribution of television, radio and telephone messages, and permits the CBC to broadcast live in both official languages.

It facilitates fast movement of

data from remote areas or off-shore points via terminals and over a long-term period is economical.

Telesat, created in 1969, is responsible for the establishment of an initial system of 35 earth stations and the launching of Anik from Cape Kennedy in 1972. With her backup satellite, Anik gives antenna coverage to all of Canada.

Her twelve radio frequency channels are used by the CBC, Bell

Canada, the COTC and Trans-Canada Telephone. A control channel service went into effect at midnight Sunday, making Canada a world-leader in satellite technology.

Norman quoted figures on the cost of the system. Including three satellites and 2 launches, tracking, control and computer facilities, the thirty-five earth stations and the

running of Telesat, the estimated total to date was \$104 million.

The film, entitled "Anik" emphasized the potential of satellite coverage in the future and the major impact it has already had on everyday life. After all, as was so aptly pointed out, without satellites Canadians would never have seen that famous last game in Moscow.

Students should have access to typewriters

By STEVEN MULHOLLAND

The year has just begun and already our professors are starting to announce the dates due for their first essays.

Let's hope your professors are more lenient this year than mine of last year or else you could be spending a fortune getting your essays typed.

For example one course last year could have cost our case group \$40.20; for the class consisting of approximately 14 groups this amounts to \$562.

That's just one course. Imagine what the total amount spent by the students is during the course of the year. Yet at the same time you probably forgot to claim this expense when you applied for student loans (it is included under the amount for books etc.).

The university regulation concerning this subject is as follows: All academic decisions affecting a student's work in courses shall be made by the individual faculty member concerned with that course, subject to the concurrence of the faculty member's Department Head and the Dean or Deans

whether to demand typed essays or not.

Dr. Gunn, Head Librarian, is about to discuss with the Senate Library Committee the possibilities of obtaining typewriters. These typewriters, if obtained, will be probably placed on the ground and mezzanine floors.



Photo by Mike Carr

There is a proposal to put a typewriter room in the library for students.

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