

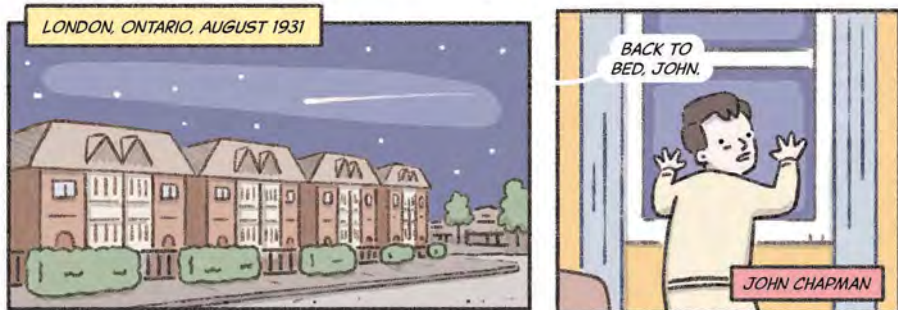
DREAMS *Beyond* EARTH

LONDON, ONTARIO, AUGUST 1931



BACK TO
BED, JOHN.

JOHN CHAPMAN



I WONDER...



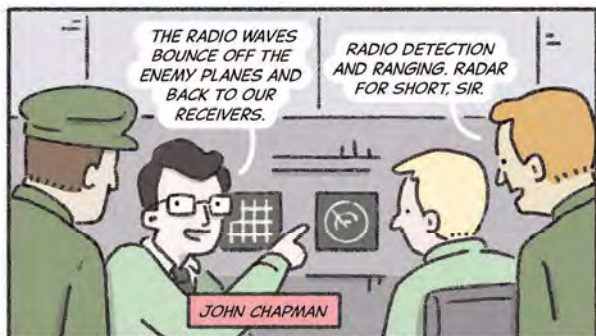
SOMEWHERE IN THE UNITED KINGDOM, 1942



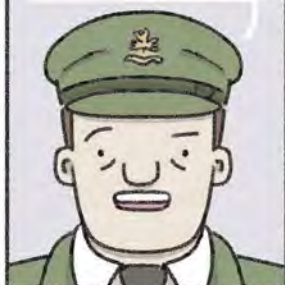
THE RADIO WAVES
BOUNCE OFF THE
ENEMY PLANES AND
BACK TO OUR
RECEIVERS.

RADIO DETECTION
AND RANGING. RADAR
FOR SHORT, SIR.

JOHN CHAPMAN



THIS RADAR ... IT'S USEFUL?



OH YES! WE CAN TELL WHERE THE PLANES
ARE AND WHERE THEY'RE GOING.



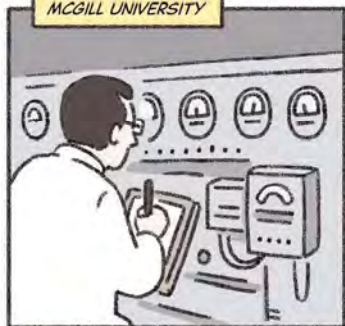
AND SOMEDAY,
I BELIEVE WE'LL
BE USING RADAR
FOR MUCH
MORE.



UNIVERSITY OF WESTERN ONTARIO



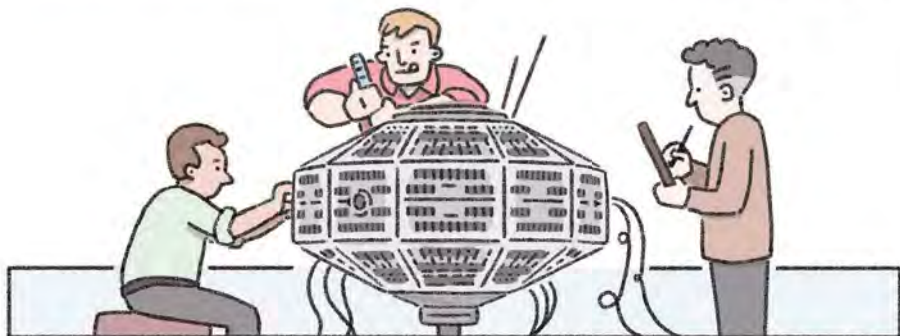
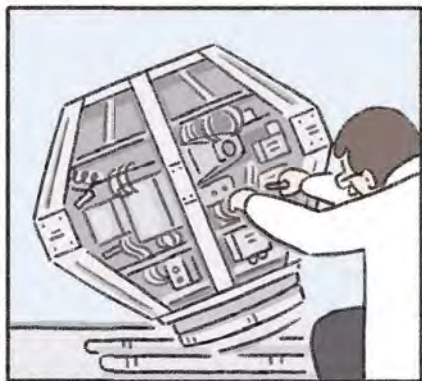
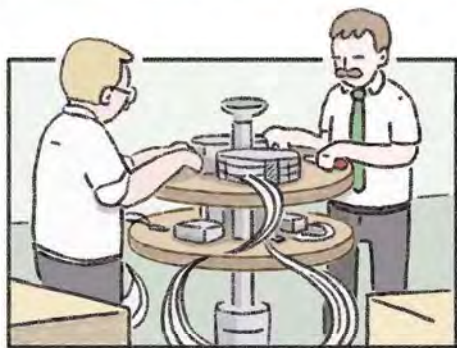
MCGILL UNIVERSITY

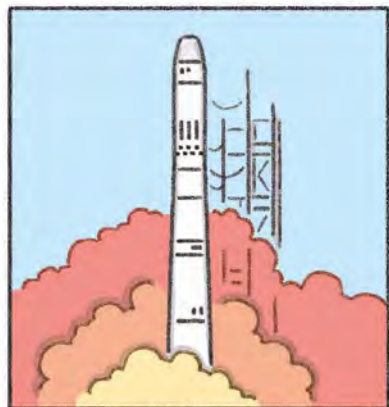
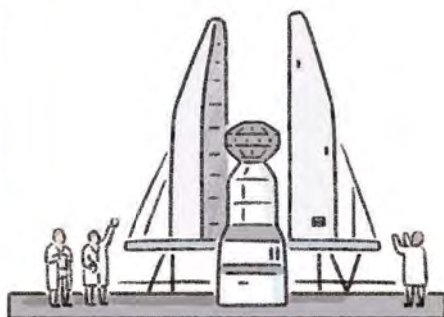


DEFENCE RESEARCH TELECOMMUNICATIONS ESTABLISHMENT
OFFICES, SHIRLEYS BAY, NEAR OTTAWA, OCT. 4, 1957

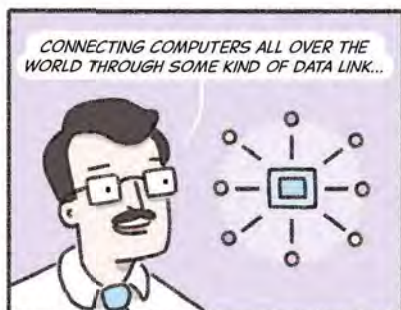


JAN. 31, 1958





VANDENBERG AIR FORCE BASE, CALIFORNIA, SEPT. 29, 1962





"FOR 100 YEARS, THE RAILWAYS HAVE BEEN UNDER GOVERNMENT CONTROL BECAUSE THEY WERE SO IMPORTANT TO LIFE IN CANADA. THERE SEEMS NO DOUBT THAT IN THE SECOND CENTURY OF CONFEDERATION, THE FABRIC OF CANADIAN SOCIETY WILL BE HELD TOGETHER BY STRANDS IN SPACE JUST AS STRONGLY AS THE RAILWAY AND TELEGRAPH HELD TOGETHER THE SCATTERED PROVINCES IN THE LAST CENTURY.

SINCE THIS IS SO, THE CRUCIAL ISSUE IS THE EXTENT TO WHICH CANADIANS WILL CONTROL THIS VITAL ELEMENT OF THEIR NATIONAL FABRIC. THE INFLUENCE OF SPACE TECHNOLOGY WILL BE FELT IN EVERY HOME IN CANADA. IT IS SO DIRECTLY RELATED TO THE NEEDS OF A LARGE, SPARSELY POPULATED COUNTRY THAT IT CANNOT BE IGNORED.

IT IS THEREFORE AN INESCAPABLE CONCLUSION THAT THE ELEMENTS OF SPACE TECHNOLOGY VITAL TO CANADA MUST BE UNDER CANADIAN CONTROL. WE CONSIDER THAT A CENTRAL AGENCY WITH RESPONSIBILITIES FOR SPACE RESEARCH AND DEVELOPMENT IS NECESSARY, AND WOULD RECOMMEND ITS ESTABLISHMENT."



CHAPMAN IS RIGHT. IT'S TIME TO TALK TO THE PEOPLE IN CHARGE!

I AGREE. CANADA MUST HAVE ITS OWN SPACE PROGRAM.

RESEARCHERS AT MY UNIVERSITY AND OTHERS ALL OVER THE COUNTRY ALREADY HAVE THE KNOWHOW.



FRANK DAVIES, DEFENCE RESEARCH TELECOMMUNICATIONS ESTABLISHMENT



DONALD ROSE, NATIONAL RESEARCH COUNCIL



BALFOUR CURRY, UNIVERSITY OF SASKATCHEWAN

IT TOOK UNTIL 1986 FOR CANADA TO DECIDE IT NEEDED A SPACE AGENCY LIKE THE ONE JOHN CHAPMAN AND HIS COLLEAGUES RECOMMENDED IN THEIR 1967 REPORT.

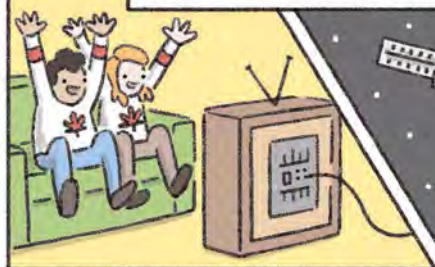


IT'S ESSENTIAL
FOR CANADA'S
FUTURE.



WHERE SHOULD THE
HEADQUARTERS BE?

FINALLY, IN 1990, THE GOVERNMENT CREATED THE CANADIAN SPACE AGENCY.



SOON AFTER JOHN CHAPMAN DIED IN 1979, HE WAS AWARDED THE MCNAUGHTON MEDAL. THE WORDING SAID IT WAS GIVEN "FOR HIS VISION AND LEADERSHIP IN RECOGNIZING THE POTENTIAL OF SATELLITES IN CANADA'S FUTURE UTILIZATION OF SPACE."

THE CANADIAN SPACE AGENCY'S HEADQUARTERS, LOCATED JUST SOUTH OF MONTREAL IN ST. HUBERT, IS NAMED THE JOHN H. CHAPMAN SPACE CENTRE.



MAYBE BEST OF ALL, THERE'S AN ASTEROID NAMED AFTER HIM.