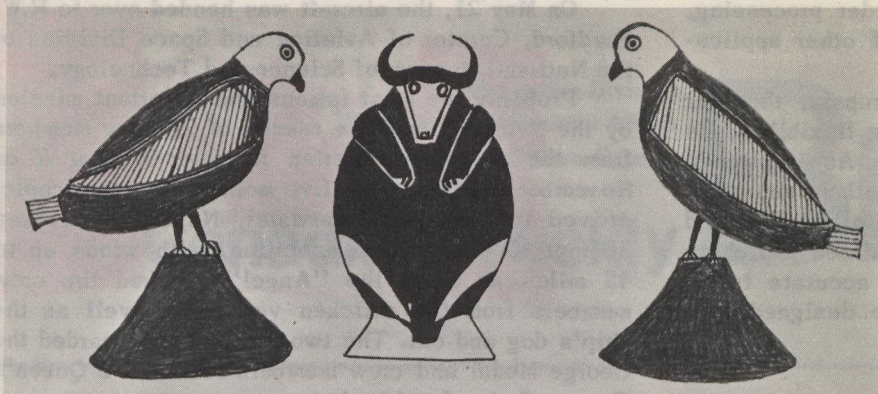


Birds and Musk-Ox



Oonark

Women Drying Fish

Oonark



Photos on Pages 4 and 5 courtesy of the National Museums of Canada, Ottawa.

LIGHTNING FAST COMMUNICATIONS

A new high-speed data communications service called Multicom - the fastest available in Canada - was introduced recently by the Trans-Canada Telephone System. For the first time, a switched network was used to transmit information at speeds up to 60,000 words a minute, on a pay-as-you-use basis. (At this speed, the complete works of Shakespeare could be sent across Canada in five minutes.)

Information could previously be sent at this speed only on private line circuits, paid for on a 24-hour basis regardless of the amount of use.

Multicom Service offers transmission at a variety of speeds. The high-speed service - available immediately - operates at 50,000, 40,800 or 19,200 pieces of information a second. Medium-speed Multicom Service will be operational in the autumn at speeds of 2,400 or 4,800 pieces a second.

Mr. Z.H. Krupski, Chairman of Trans-Canada Telephone, said the new service would complement existing data services offered by the telephone industry, providing a full spectrum of services from the

lowest to the highest speeds. "If there is a need for additional speeds in either the high or the medium range, we shall expand our Multicom Service as required," he stated. "There are only a few organizations that can currently use the maximum capacity of the service. But the need will grow, and we have planned Multicom Service with the future in mind. This means that a business can subscribe to the class of service it needs today and know that as it grows, its telecommunications capabilities can grow with it."

APPLICATIONS

Present applications of high-speed Multicom Service include data collection and processing by national organizations with many branches, which require up-to-the-minute information on daily operations, financial position or inventories. "Banks, trust companies, stock brokers, insurance companies and other large organizations have communications needs that high-speed Multicom Service can meet," Mr. Krupski said. Medium speed Multicom Service will be used by