

in development costs and, if so, in what fields or areas of interest were the requests made (a) computers (b) communications networks (c) data processing (d) telecommunications, etc.?

2. If development aid is given, will it be restricted to specific Canadian companies or administered by universities?

3. In what fields or areas of interest in communications has development aid been given?

**Hon. Jean-Luc Pepin (Minister of Industry, Trade and Commerce):** 1. Yes. The Department of Industry, Trade and Commerce continuously receives requests from Canadian Communication equipment manufacturing firms for financial assistance under its development assistance programs PAIT (Program for the Advancement of Industrial Technology) and DIP (Defence Industry Productivity Program). Requests are made in very many technological fields and typical of those under consideration at this time, are: (a) Computer Systems—computer terminals, video display systems, manufacturing process control and TV tape editing. (b) Communications networks—radio relay equipment, mobile radio equipment, broadcasting equipment and space satellite equipment. (c) Data processing—data logging equipment, telemetry and alarm activating systems and character recognition equipment. (d) Telecommunications—teletypewriter equipment, paging receivers, broadband switching equipment and multiplex equipment.

2. Development aid under PAIT and DIP is given to specific Canadian manufacturing companies.

3. Development aid has been given in the past in almost all the technological areas outlined in part 1 and, in addition, for the development of: television monitoring equipment, information display equipment, earth terminals for satellite communications, digital to video conversion equipment, character display systems and telemetering systems.

#### PORTNEUF, QUEBEC—WHARF

**Question No. 1,946—Mr. Godin:**

1. What is the water depth at low tide at the end of the Portneuf wharf?

2. When was the wharf built?

3. Who was the contractor and what was the cost?

4. To date, has the maintenance of the wharf involved major repairs and, if so, what was the total amount spent to date for such repairs?

5. Is there a guard service for this wharf and, if so, what has been the annual cost of this service for the past five years?

#### Questions

6. Must users of this wharf hold a docking permit and, if so, on what terms is such permit granted?

7. What has been the total operating costs of this wharf for the past five years?

8. What have been the revenues for the same period?

**Mr. Yves Forest (Parliamentary Secretary to President of the Privy Council):** I am informed by the Department of Public Works and the Department of Transport as follows:

1. 33 feet.

2. During the years 1956 and 1957.

3. The contractor was Gulf Maritime Construction Ltd. The total cost of construction, including surveys, inspection and inspector services, was \$1,171,800.

4. In 1962-63 the cost of wharf improvements, including professional services, was \$342,400. To date approximately \$45,000. was spent for maintenance repairs, including surveys, inspections and inspector services.

5. Yes, wharfinger, part-time, paid from annual wharf revenues collected as follows: 1965-66, \$333.25; 1966-67, \$221.22; 1967-68, \$464.60; 1968-69, \$260.46; 1969-70, \$46.43.

6. No.

7. \$1,325.96 (wharfinger commissions).

8. Gross, \$1,507.75; net, \$181.79.

#### TREASURY BOARD—USE OF COMPUTER

**Question No. 1,948—Mr. Robinson:**

1. Does the Treasury Board Department have the use of a computer in its operations and, if so, to what extent is it utilized?

2. Is the computer programmed 24 hours per day and, if not, for what reason?

3. What is the number of hours planned for utilization of the computer?

4. What has been the annual cost of computer services for each year 1960 to 1970 inclusive?

5. How many programmes are in preparation for the computer at the present time and how will each affect the efficiency of the Department?

**Hon. C. M. Drury (President of the Treasury Board):** 1. Treasury Board has contracts for the use through terminals of two computer service facilities. Since these computers allow concurrent use by several users at the same time, extent of use is not directly measurable except in cost terms.

2. The computer service facilities are accessible at varying times but never used 24 hours per day. The services are used when needed so that computer operations are only charged for when the services are being used.