

### Artificial Earth Satellites

\*378. { Shri D. C. Sharma:  
Shri Naval Prabhakar:

Will the Minister of Education and Scientific Research be pleased to refer to the reply given to Starred Question No. 765 on the 4th December 1957 and state:

(a) whether the data collected with regard to the artificial earth satellites launched by the Soviet Union has been exchanged with any other country;

(b) if so, the names of the countries; and

(c) whether the data throws any light on the effects of upper atmosphere upon living beings?

The Deputy Minister of Education and Scientific Research (Shri M. M. Das): (a) No, Sir.

(b) Does not arise.

(c) No, Sir.

Shri D. C. Sharma: May I know if the Government of India have made no efforts for the collection of this data, or, if they have made such efforts they have been imperfect?

Shri M. M. Das: The different scientific organisations under the Government of India as well as the Universities and non-official organisations also are trying to collect as much material as possible so far as the Sputniks are concerned. There are three things so far as the Sputniks are concerned. One is the code messages that are sent from the Sputniks. Now, we have not been able to record any such code messages. The second thing is the photographing of the track of the Sputniks themselves. The Naini Tal Observatory of the U.P. Government have been able to take the photograph of Sputnik II and

tracking its path. The third thing is the radio signals that have been sent out from these Sputniks. Our different organisations, including the organisations under the All India Radio and the Ministry of Communications and Ministry of Information and Broadcasting, etc. have been able to record these radio signals, and a Committee has been set up on 16th January last to go through these radio signals.

Shri D. C. Sharma: May I know if there is a proposal under the contemplation of the Government of India to make good the deficiency with regard to code signals and, if so, what it is?

Shri M. M. Das: The hon. Member may kindly remember that these Sputniks are being launched according to the programme of the International Geophysical Year. Now an official organisation, a National Committee, has been set up by the scientists and the Government. The Government of India as such has got not much connection with this organisation. So everything is being done by the scientific organisations of this country according to the programme laid out by this National Committee.

श्री भक्त दर्शन क्या गवर्नमेंट के ध्यान में यह बात आई है कि माननीय श्री केशवदेव मालवीय जी के अनुसार रूसी शब्द "स्पूतनिक" सम्बन्धित शब्द "मपत्नीक" का अर्थ है ? क्या इस सम्बन्ध में प्राचीन संस्कृत साहित्य की खोज की जा रही है?

प्रधान मंत्री तथा वैज्ञानिक-कार्य और विज्ञान मंत्री (श्री जवाहरलाल नेहरू). केशवदेव मालवीय जी इस के बारे में कुछ नहीं जानते। मैंने उनके साथ मजाक किया था।