

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:657

ANSWERED ON:26.11.2014

COMMERCIAL EXPLOITATION OF SPACE TECHNOLOGY

Mahajan Smt. Poonam

Will the Minister of SPACE be pleased to state:

- (a) the details of achievements of Antrix Corporation Limited in commercial exploitation of space technology during the 11th Plan and the ongoing 12th Plan Periods;
- (b) the foreign exchange earned therefrom during the said period, year-wise;
- (c) whether Antrix Corporation Limited launched commercial projects in collaboration with global space companies; and
- (d) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) The achievements of Antrix Corporation Limited in commercial exploitation of space technology during the 11th plan and the ongoing 12th plan periods include:

- i. Launch services for 34 Satellites from 15 Countries on-board ISRO's Polar Satellite Launch Vehicle.
- ii. Built and delivered two Communications Satellites for international customers, viz., "W2M" Satellite for M/s. EUTELSAT, Paris; and, "Hylas" Satellite for M/s. Avanti Plc, UK.
- iii. Built, launched and operationalised a communication satellite (GSAT-7) for strategic users in the country.
- iv. Leasing of communication transponders of Indian INSAT/ GSAT satellites as well as of foreign satellites for Direct-To-Home television broadcasting, Data Networking, Financial Services, Telephony, etc., to Government, strategic and private users.
- v. Marketing of data from Indian Remote Sensing satellites (RISAT-1, Resourcesat-2, Oceansat-2, Cartosat-2 and Cartosat-1) to international customers through establishment of ground stations and data processing facilities, as well as data reseller network.
- vi. Mission Support Services to Intelsat (USA), CNES, (France) and DLR (Germany) using ISRO's Telemetry, Tracking and Command Network.
- vii. Supply of Ground Equipments for tele-education, tele-medicine; Automatic Weather Stations, reception of high-resolution remote sensing data by strategic sector and reception of satellite data for meteorological applications.
- viii. In terms of revenue, the total revenue during 11th plan was `3492.53 Crores and during the first two years of 12th plan (2012-14) was ` 1394.13 crores.

(b) The Foreign Exchange earned from Commercial Exploitation of Space Technology during the said period, year-wise, is as under:

| Sl. No. | Year | (in lakh) | Equivalent of USD | Equivalent of EURO |
|----------------|-------------|-----------|-------------------|--------------------|
| | | (in lakh) | (in lakh) | (in lakh) |
| 1 | 2007-2008 | 12679.57 | 205.60 | 8.94 |
| 2 | 2008-2009 | 14031.38 | 244.28 | 24.12 |
| 3 | 2009-2010 | 13228.97 | 121.59 | 59.11 |
| 4 | 2010-2011 | 8077.64 | 179.98 | 40.86 |
| 5 | 2011-2012 | 3135.54 | 21.99 | 6.29 |
| 11th Five Year | | | | |
| | Plan Total | 51153.1 | 773.44 | 139.32 |
| 1 | 2012-2013 | 11157.01 | 39.90 | 130.97 |
| 2 | 2013-2014 | 17470.66 | 55.78 | 175.98 |
| 12th Five Year | | | | |
| | Plan Total | 28627.67 | 95.68 | 306.95 |
| | Grand Total | 79780.77 | 869.12 | 446.27 |

(c) Yes Madam.

(d) The commercial projects launched by Antrix Corporation Limited (during 11th plan and ongoing 12th plan) in collaboration with global space companies include building and delivery of two Communication Satellites namely

(i) "W2M" Satellite for M/s. EUTELSAT, Paris and

(ii) "Hylas" Satellite for M/s. Avanti Plc, UK in commercial partnership with M/s. EADS Astrium (presently, Airbus Defence and Space), a leading global aerospace company.