

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:3266  
ANSWERED ON:14.12.2005  
PERFORMANCE OF ISRO  
Kaushal Shri Raghuvir Singh

**Will the Minister of SPACE be pleased to state:**

- (a) whether the Indian Space Research Organisation (ISRO) has not been successful from commercial point of view;
- (b) if so, the reaction of the Government thereto;
- (c) the details of commercial utilisation of satellites launched by the ISRO;
- (d) the satellite-wise details of transponder made available by the ISRO;
- (e) whether countries like Argentina, Turkey and Malaysia, which have launched only one satellite are doing more business as satellite service providers in comparison to ISRO;
- (f) whether the Government proposes to take effective measures to improve commercial utility of ISRO; and
- (g) if so, the details thereof?

**Answer**

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

- (a) No, Sir.
- (b) Does not arise.
- (c) The data from Indian Remote Sensing Satellites are sold in USA, Europe, China, Russia, Taiwan, Myanmar, Kazakhstan and the Middle East. The total value of Remote Sensing satellite data and related sales revenues during 2004-05 was Rs.66.83 crores, which represents about 15% of the total value of global market in this segment. In the field of satellite communication, capacity of INSAT satellites, after meeting the societal/government needs, is effectively used commercially. The loading factor for transponders on INSAT is 91% as compared to the average of 70% for other commercial satellites in the region.
- (d) Following are the satellite-wise transponders made available by ISRO:

Name of the Satellite      No. of transponders made available

INSAT-3A	24
INSAT-3B	15
INSAT-3C	33
INSAT-2E	17
GSAT-2	7
INSAT-3E	36
GSAT-3	12

- (e) No, Sir. The revenues from Antrix Corporation Limited, which is commercial arm of Department of Space, during 2004-05 are equivalent to US\$ 83.59 million as compared to revenues of Nahuelsat of Argentina US\$ 18.2 million, Turksat of Turkey US\$ 21 million and Measat of Malaysia US\$ 34.2 million, in the year 2004.

- (f)&(g) Government has taken measures to offer its capacity for international business through Antrix Corporation Limited after meeting priority national needs for societal development and through appropriate marketing alliances between Antrix Corporation Limited and global space industry leaders.