

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

STARRED QUESTION NO:206  
ANSWERED ON:24.11.2010  
DEBRIS IN SPACE  
Rani Killi Krupa

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

- (a) whether the Government has taken note of space debris generated from ground based Anti-Satellite Systems allegedly by China;
- (b) if so, the details thereof;
- (c) whether the possibility of debris destroying operational satellites of India can not be ruled out;
- (d) if so, the details thereof;
- (e) whether the Indian Space Research Organisation has constituted a Debris Coordination Group to observe and analyze the amount of debris and its impact on the operational satellites; and
- (f) if so, the details thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS ASSUMED THE CHARGE OF THE OFFICE OF THE MINISTER OF STATE IN THE MINISTRY OF PERSONNE, PUBLIC GRIEVANCES & PENSIONS (SHRI V. NARAYANASAMY):

(a) & (b) There have been reports of China's Anti-Satellite missile test conducted during January 2007. This test has created large number of debris in space.

(c) & (d) Space debris, in general, poses major threat to the orbiting operational satellites. The impact of the space debris with operational satellites can cause damage to the satellites, including those of India.

(e) & (f) ISRO is a member of the Inter-Agency Space Debris Coordination Committee (IADC) which is an international forum. ISRO has the necessary expertise to predict the Close Approach of space debris to the operational satellites. ISRO makes these predictions on a very regular basis and take necessary precautionary measures in respect of our operational satellites.