

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

STARRED QUESTION NO:59
ANSWERED ON:07.08.2013
IRNSS
Ray Shri Saugata

Will the Minister of SPACE be pleased to state:

- (a) whether ISRO has successfully launched the first of the seven satellites planned under the Indian Regional Navigation Satellite System (IRNSS);
- (b) if so, the details thereof;
- (c) the objectives and the expected strategic applications of the said system;
- (d) The schedule for launch of other satellites under the system; and
- (e) The total financial outlay of the project?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY):

- (a) Yes, Madam.
- (b) The first satellite of seven satellites IRNSS constellation, viz., IRNSS-1A has been successfully launched on 1st July 2013 onboard PSLV-C22 from Sriharikota. After a series of orbital maneuvers, the satellite reached the intended inclined geosynchronous orbit on 14th July 2013. The in-orbit testing of the payload and testing of various ground systems are in progress.
- (c) The objective of IRNSS is to provide positioning services over Indian region with an absolute position accuracy of better than 20 metres. IRNSS shall provide two types of applications, Standard Position Service (SPS), which is open to all users and Restricted Services (RS) which is an encrypted position service meant for strategic users.
- (d) The next satellite IRNSS-1B is targeted for launch during first half of 2014, after evaluation of the on-orbit performance of the first satellite, IRNSS-1A. It is targeted to complete the constellation of 7 satellites by 2015.
- (e) The total financial outlay for 7 satellites constellation of IRNSS and the associated ground segment is rs 1420 Crore.