

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:1008
ANSWERED ON:08.02.2017
83 Satellites in One Go
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Will the Minister of SPACE be pleased to state:

- (a) whether ISRO has launched RESOURCESAT-2A Agni-4 and is also planning to launch 83 satellites in one go;
- (b) if so, the details thereof and the number of satellites launched during the last three years, year-wise and the features thereof;
- (c) whether ISRO is proposing to launch more satellites in the near future;
- (d) if so, the details thereof and the time by which these are likely to be launched;
- (e) if not, the reasons therefor?

Answer

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

(a) ISRO has launched the remote sensing satellite 'RESOURCESAT-2A' onboard India's Polar Satellite Launch Vehicle (PSLV-C36) on December 07, 2016 from Satish Dhawan Space Centre, Sriharikota. Agni-4 does not fall under the purview of ISRO/ DOS. ISRO is planning to launch 104 satellites in one go onboard PSLV-37 scheduled for launch in February 2017.

(b) These 104 satellites planned to be launched on board PSLV-C37 comprises of - (i) Indian Remote Sensing Satellite 'Cartosat-2 Series' (weighing ~ 727 kg) as primary payload along with two Indian Nano Satellites viz. INS-1A & INS-1B (weighing ~19 kg) and (ii) Remaining 101 satellites (weighing ~ 646 kg) are from foreign countries namely, Dubai, Israel, Kazakhstan, Netherlands, Switzerland and USA. The satellites from foreign countries are being launched as part of the commercial arrangement entered into between the foreign customer and Antrix Corporation Limited (Antrix), the commercial arm of ISRO.

ISRO has launched 20 satellites during the last three years i.e. 2014, 2015 and 2016. The details are placed in Annexure-I.

(c) & (d)

Yes, Madam. ISRO proposes to launch about 18 satellites during January 2017 to December 2018. These satellites include 8 earth observation satellites, 6 communication satellites, 1 navigation satellite, 1 space science satellite and 2 experimental Nano satellites.

(e) Does not arise.

ANNEXURE-I

Annexure referred to in reply to part (b) of Lok Sabha Unstarred Question No. 1008 for answer on 08/02/2017

Sl.

No. Satellite Launch Date Weight

(Kg) Purpose of Satellite

1. GSAT-14 05-01-2014 1982 Communication
2. IRNSS-1B 04-04-2014 1425 Navigation
3. IRNSS-1C 16-10-2014 1425 Navigation
4. GSAT-16 * 07-12-2014 3182 Communication
5. IRNSS-1D 28-03-2015 1425 Navigation
6. GSAT-6 27-08-2015 2117 Communication
7. ASTROSAT 28-09-2015 1515 Space Science
8. GSAT-15 * 11-11-2015 3164 Communication
9. IRNSS-1E 20-01-2016 1425 Navigation
10. IRNSS-1F 10-03-2016 1425 Navigation
11. IRNSS-1G 28-04-2016 1425 Navigation
12. Cartosat-2 Series 22-06-2016 727 Earth Observation
13. SWAYAM 22-06-2016 1 Experimental
14. SATYABHAMASAT 22-06-2016 1.5 Experimental
15. INSAT-3DR 08-09-2016 2211 Weather & Climate
16. SCATSAT-1 26-09-2016 371 Weather & Climate
17. PRATAHAM 26-09-2016 10 Student
18. PISAT 26-09-2016 5.25 Student
19. GSAT-18 * 06-10-2016 3404 Communication
20. RESOURCESAT-2A 07-12-2016 1235 Earth Observation

* indicates satellites launched using foreign launch vehicles