

PARLIAMENT QUESTION: EXPANDING SATELLITE LAUNCH SERVICES

Posted On: 12 FEB 2026 4:10PM by PIB Delhi

Post reforms in Space sector during June 2020, M/s. NewSpace India Limited (NSIL), a CPSE under Dept of Space, has taken several steps across the space value chain to involve private industry and space startups in the country to increase India's contribution to the global space economy.

Salient activities are highlighted hereunder:

- NSIL, with technical support from ISRO, has taken initiative to build 5 Nos. of PSLV-XL through HAL- L&T consortium.
- NSIL has engaged several Indian industries/ startups to build micro-Earth Observation satellites under the technical supervision of ISRO.
- NSIL has engaged several Indian Industry to establish Ground Station/ Gateways on a Turn-key basis for multiple applications.
- NSIL, through ISRO and IN-SPACe, has signed 100 Technology Transfer Agreements till date to transfer technologies developed at ISRO/ Department of Space to Non-Government Entities/ Private Industries. This would enable them to assimilate the technology, develop commercial product/ provide services and market it domestically as well as in international market. Two major technologies that have been transferred to Indian Industry includes IMS-1 Satellite Bus and Small Satellite Launch Vehicle
- NSIL has enabled Indian industry to assimilate ISRO's Mobile Satellite Service (MSS) technology and scale up production to install S band terminals on 1 lakh marine fishing vessels to establish PAN India Vessel Communication & Support System for Monitoring, Control and Surveillance.
- NSIL has undertaken commercial communication satellite missions on a demand driven mode to meet the customers' requirements. Till date, NSIL has already deployed two commercial communication satellites viz. GSAT-N1 and GSAT-N2 to cater to Direct-to-Home [DTH] and broadband needs of Indian customers respectively and in the process of realising GSAT-N3. These missions would in turn demand for large number of user terminals that would be realised through Indian Industry.
- NSIL's efforts to provide launch services to International Customers onboard ISRO's / NSIL's launch vehicles (PSLV, SSLV and LVM3) will further increase India's contribution to global space economy.

The steps taken by NSIL, as detailed above, is envisaged to build the capacity in the Indian Space Industry to play an enhanced role in Domestic and International market and increase the Indian Space Economy on a sustainable manner.

Indian National Space Promotion and Authorisation Centre (IN-SPACe) has also worked out the strategy to expand the India's global share in satellite launch market. As per this, it is expected to achieve 3.5 billion US\$ contribution from launch segment in overall 44 billion US\$ Indian space economy by 2033.

This information was given by the Minister of State for Personnel, Public Grievances & Pensions and Prime Minister's Office Dr. Jitendra Singh in a written reply in the Rajya Sabha today.

NKR/NM

(Release ID: 2227023) Visitor Counter : 175

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