

We achieved an important milestone in the history of PSLV by successfully launching its 50th mission

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Sriharikota,

India's Polar Satellite Launch Vehicle, in its fiftieth flight (PSLV-C48), successfully launched RISAT-2BR1 along with nine commercial satellites from Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota, today.

PSLV-C48 lifted-off at 1525 Hrs (IST) from the First Launch Pad. After 16 minutes and 23 seconds, RISAT-2BR1 was successfully injected into an orbit of

576 km. Subsequently, nine commercial satellites were injected into their intended orbits. After separation, the two solar arrays of RISAT-2BR1 were deployed automatically and the ISRO Telemetry Tracking and Command Network at Bengaluru assumed control of the satellite. In the coming days, the satellite will be brought to its final operational configuration.

"Today we achieved an important milestone in the history of PSLV by successfully launching its 50th mission" Chairman, ISRO, Dr. K. Sivan declared. A book titled 'PSLV@ 50' was released by Dr. Sivan on this occasion. He further added that this versatile launcher has lifted off 52.7 tonne into space, of which 17% belongs to customer satellites.

RISAT-2BR1 is a radar imaging earth observation satellite weighing about 628 kg. The satellite will provide services in the field of Agriculture, Forestry and Disaster Management. The mission life of RISAT-2BR1 is 5 years.

Dr. Sivan appreciated the efforts of the launch vehicle and satellite teams for realizing this mission in a short span of time.

The nine customer satellites of Israel, Italy, Japan and USA were precisely injected into their designated orbits. These satellites were launched under a commercial arrangement with NewSpace India Limited (NSIL).

PSLV-C48 is the 2nd flight of PSLV in 'QL' configuration (with 4 solid strap-on motors). Besides being the 50th launch of PSLV, today's launch was also the 75th launch vehicle mission from SDSC SHAR, Sriharikota.

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