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Successful Launch of PSLV C17 Reaffirms L&T's Role in Space

The flawless launch of Polar Satellite Launch Vehicle C17 last Friday, following soon after the success of its sibling PSLV C16 in April 2011, has once again affirmed the critical role played by L&T Heavy Engineering in India's space missions.

L&T contributed to the space mission by way of developing tracking systems, manufacturing critical metallic segments and supplying Honey Comb Deck Panels from the Powai and Ranoli facilities.

The Defence & Aerospace SBG developed the C&S-Band tracking radars that accurately traced the vehicle's triumphant trajectory. While the C-Band radar tracked up to 1450 km in transponder mode, the S-Band radar followed the vehicle up to 520 km in skin mode.

To place PSLV C17 in orbit, ISRO relied on critical middle segments manufactured at L&T's high precision Aerospace Shop, Powai. The mission also had electronic packages mounted using Honey Comb Deck Panels on the upper stage of PSLV C17 and a Heat Shield manufactured at L&T's Advanced Composite Facility, Ranoli.

PSLV C17 is the latest chapter in ISRO's continuing success story, and L&T has played a critical role across the entire series.



PSLV-C17 taking off from Sriharikota.



C-Band Precision Monopulse Tracking Radar.