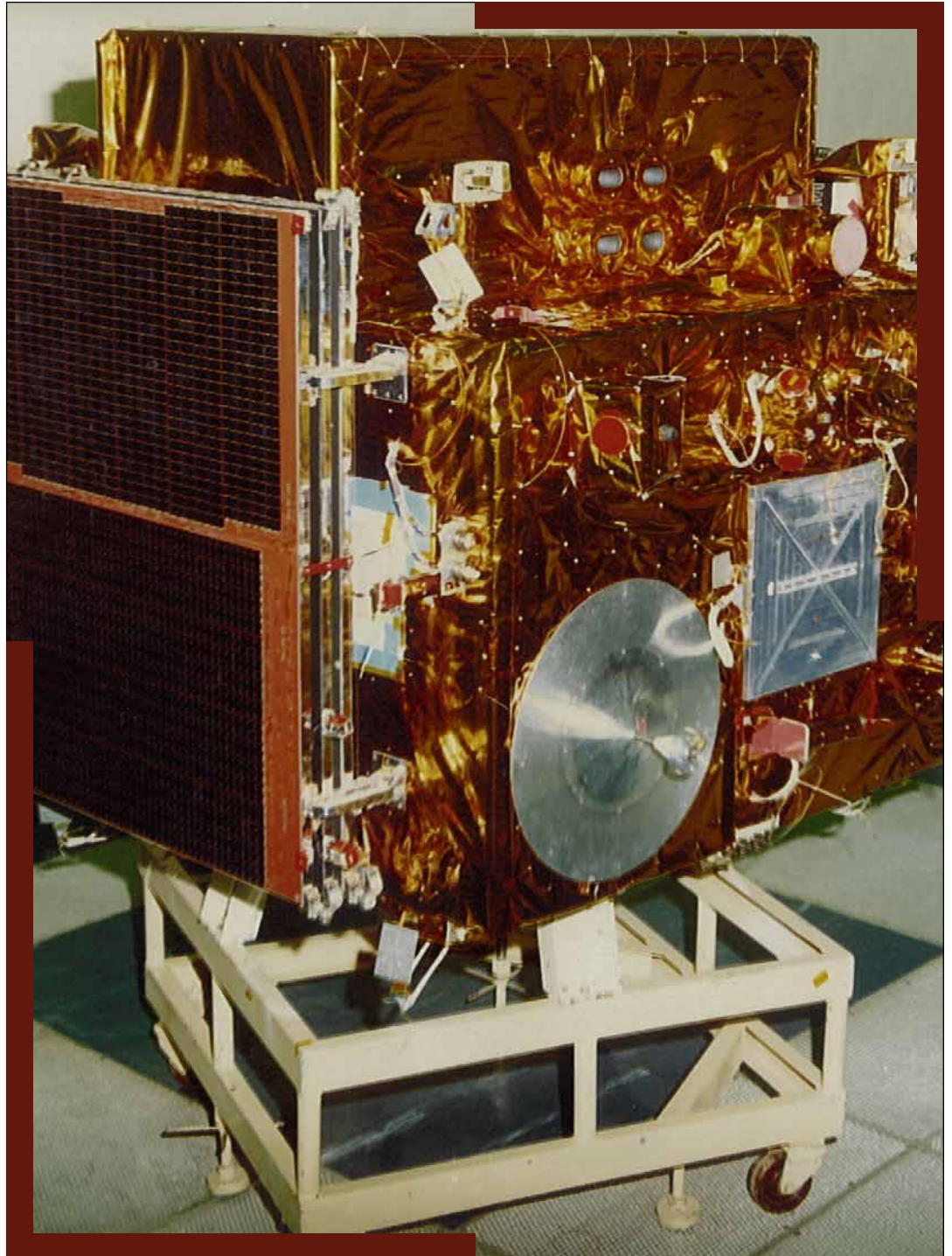


PSLV-D1 / IRS-1E Mission

20 September, 1993

THE MISSION

The Indian Remote Sensing Satellite (IRS-1E) on-board the PSLV-D1 lifted-off from Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota on September 20, 1993. The mission was not realised due to problems faced by the launch vehicle. It was the first development flight of PSLV. The spacecraft was realized as a payload for the first development flight of PSLV.



IRS - 1 E

THE SATELLITE

IRS-1E satellite, derived from the engineering model of IRS-1A incorporating a Monocular Electro-Optical Stereo Scanner (MEOSS) developed by DLR, West German Space. MEOSS was a solid state push broom scanner operating in a single band of 0.5-0.7 microns.

SPECIFICATIONS

| | |
|--------------------------|--|
| Weight | 846 kg |
| Power | 415 W |
| Stabilization | 3-axis body stabilized (zero momentum) with 4 Reaction Wheels, Magnetic Torquers |
| Type of Satellite | Earth Observation |
| Payloads | <ul style="list-style-type: none">• LISS-1• MEOSS (Mono-ocula Electro Optic Stereo Scanner) |
| Mission Life | Not Realised |

