

INSAT-2B Mission

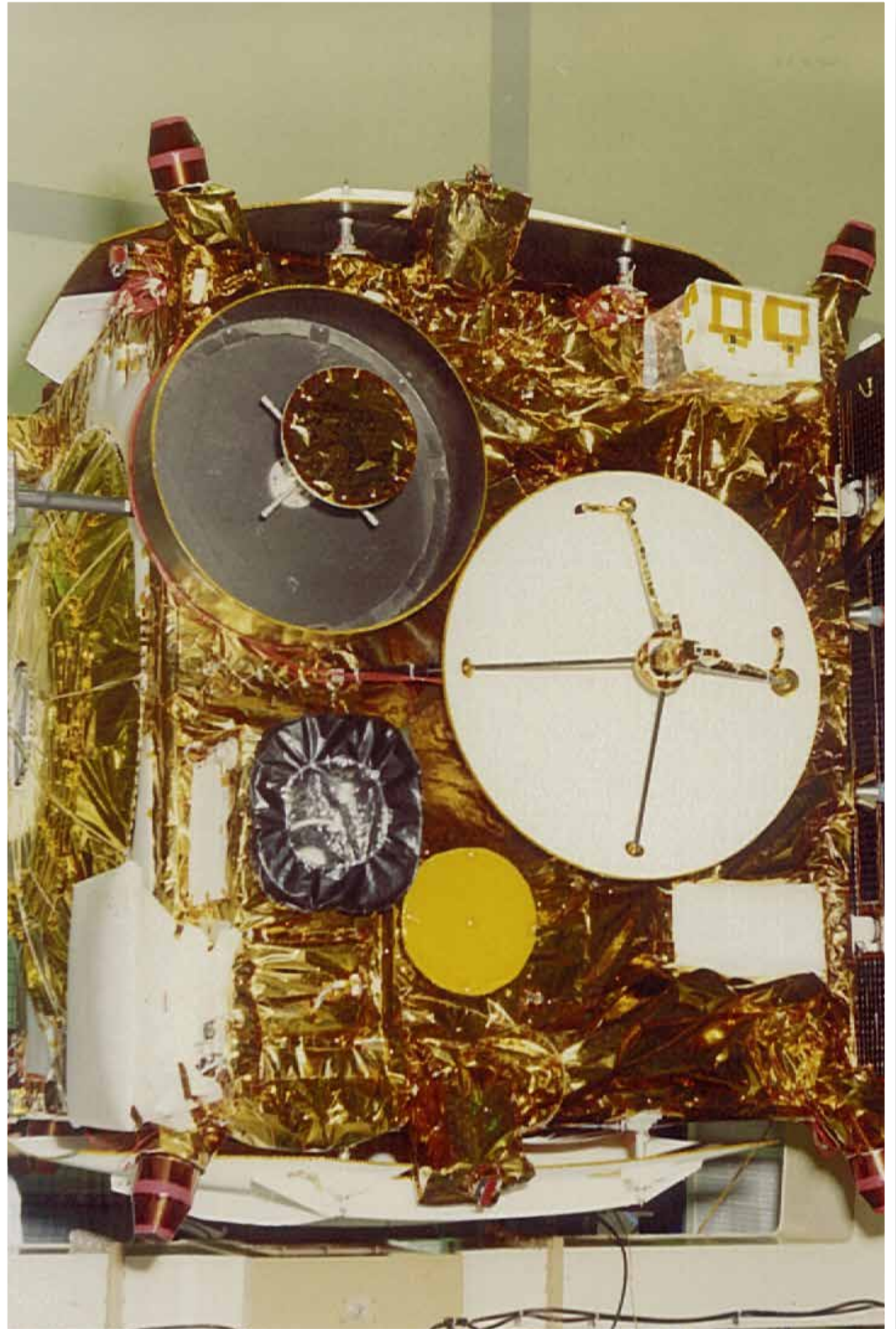
23 July, 1993

THE MISSION

The Indian National Satellite (INSAT-2B) on-board the Ariane-4 lifted-off from Kourou, French Guiana on July 23, 1993. INSAT-2B, the second in the INSAT-2 series was a multipurpose satellite for Telecommunication, Television Broadcasting and Meteorological Services.



Ariane-4



INSAT-2B

THE SATELLITE

INSAT-2B carried 12 normal C-band (for FSS), 6 extended C-band (for FSS) & 2 S-band (for BSS) Transponders. It also carried 1 Data Relay Transponder, 1 SAR (Search and Rescue) Transponder and a Very High Resolution Radiometer (VHRR) with 2 km resolution in the visible band and 8 km resolution in thermal infrared and water vapour band for meteorological application.

SPECIFICATIONS

Weight	1906 kg
Power	1000 W
Stabilization	3-axis body stabilized with two Momentum Wheels & one Reaction Wheel, Magnetic Torquers
Type of Satellite	Communication
Payloads	<ul style="list-style-type: none">• 12 Normal C-band Transponders• 6 Extended C-band Transponders• 2 S-band Transponders• 1 Data Relay Transponder• 1 SAR
Mission Life	11 Years

