

INSAT-2C Mission

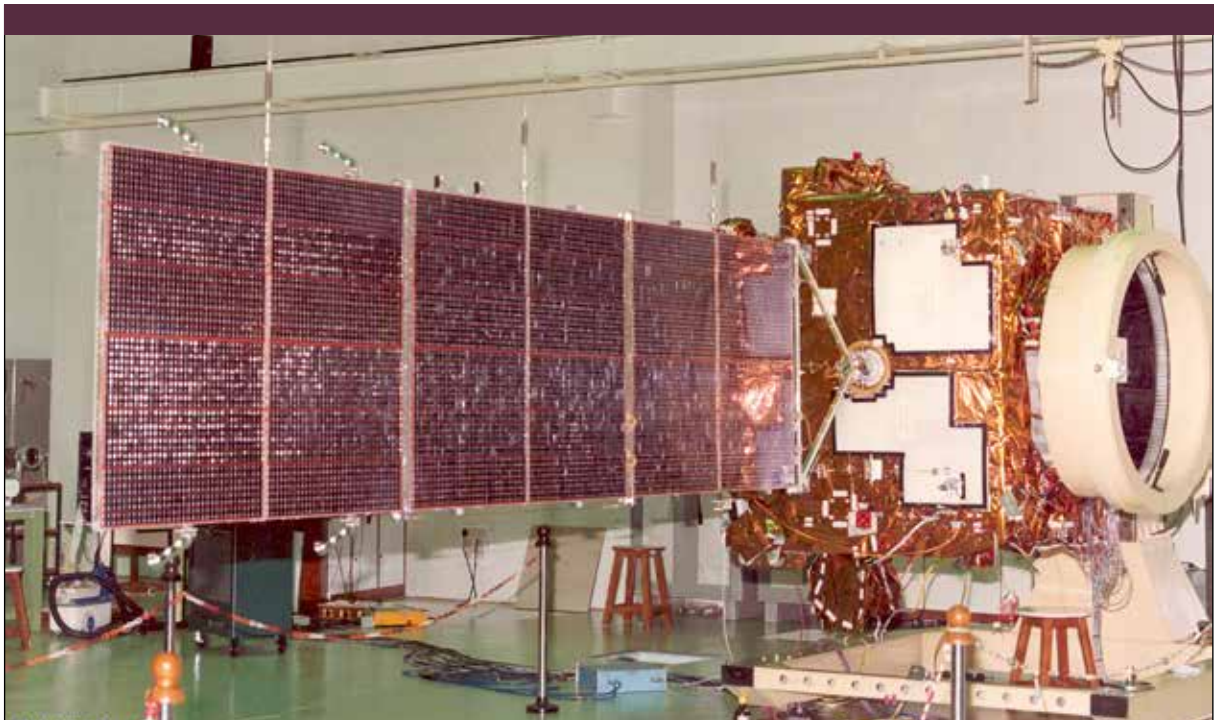
07 December, 1995

THE MISSION

The Indian National Satellite (INSAT-2C) on-board the Ariane-4 lifted-off from Kourou, French Guiana on December 07, 1995. INSAT-2B, the third in the INSAT-2 series was a multipurpose satellite for Telecommunication & Television Broadcasting.



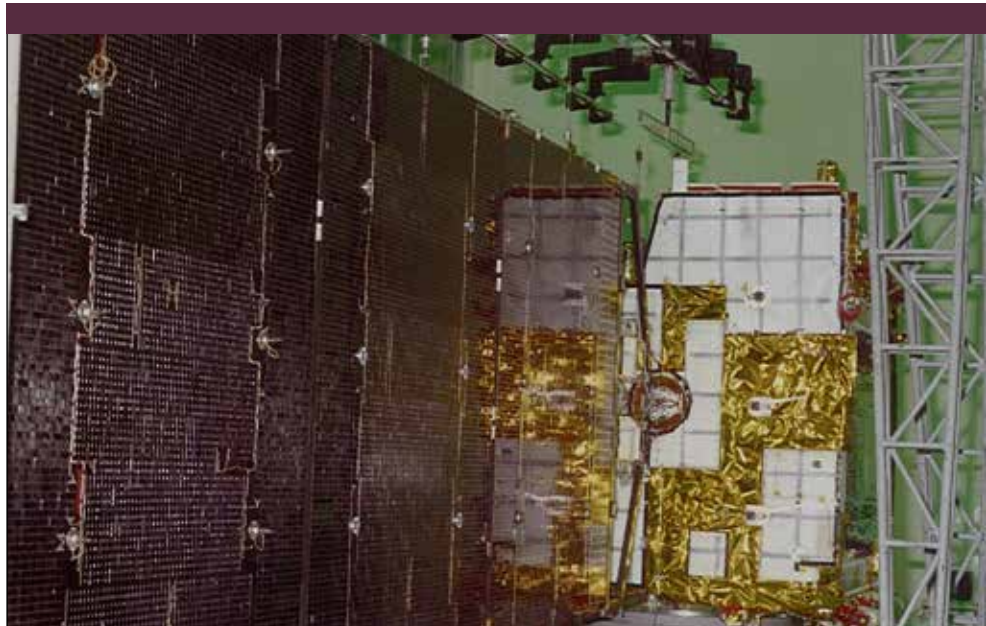
Ariane-4



INSAT-2C

THE SATELLITE

The INSAT-2C communications payload consisted of 12 C-band, 6 extended C-band, 3 Ku-band, 1 MSS forward and return transponder and 1 BSS S-band transponder. The Ku-band transponders and C/S-band transponders were used for business communication and mobile services respectively. Extended C-band transponders enabled TV programme outreach beyond Indian boundaries catering to the population from South East Asia to the Middle East. INSAT-2C was stationed at 93.5° E.



Power of four C-band transponders increased to improve communication facilities in remote areas like Northeast and Andaman & Nicobar Islands.

Coverage of two other C-band transponders is enlarged to include parts of Southeast Asia, Central Asia and West Asia.

SPECIFICATIONS

Weight	2106 kg
Power	1320 W
Stabilization	3-axis stabilized with two Momentum Wheels & one Reaction Wheel, Magnetic Torquers
Type of Satellite	Communication
Payloads	<ul style="list-style-type: none">• 10 C-band Transponders• 6 Extended C-band Transponders• 2 High Power C-band Transponders• 1 S-band Transponder• 1 C/S-band Mobile Communication Transponder• 3 Ku-band Transponders
Mission Life	7 Years (nominal)

