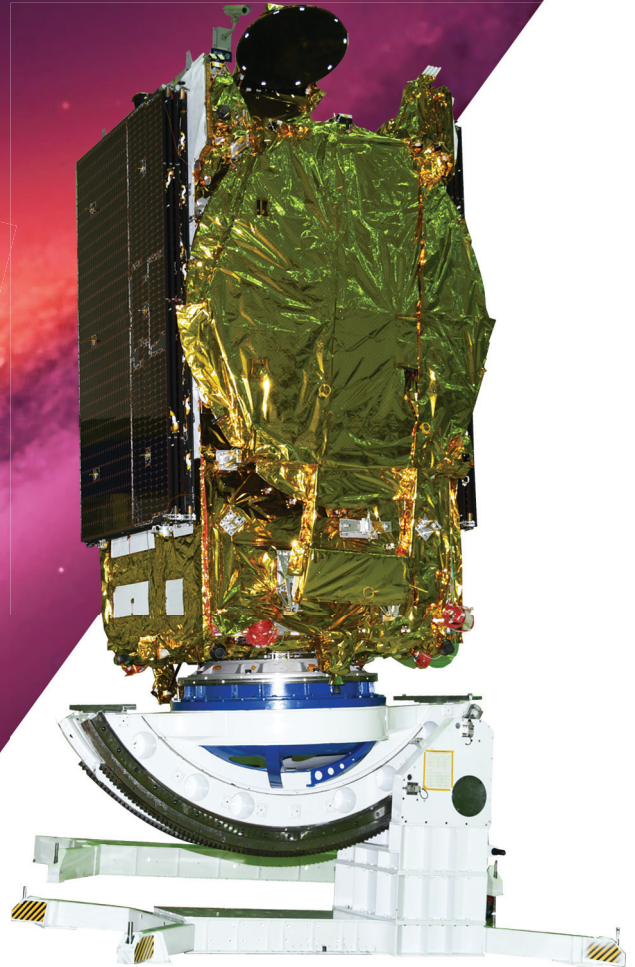


GSAT-31



GSAT-31

GSAT-31 is a communication satellite of India that will augment the Ku-band transponder capacity in Geostationary Orbit. The satellite provides Indian mainland and island coverage.

GSAT-31 is configured on ISRO's enhanced I-2K Bus, utilising the maximum bus capabilities of this type. GSAT-31 will provide continuity to operational services on some of the in-orbit satellites.

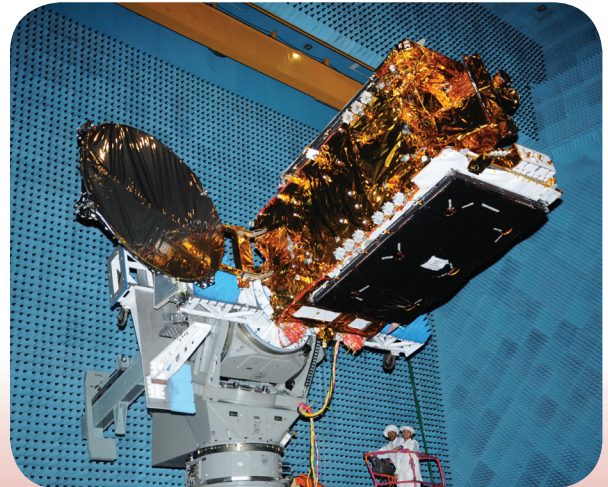
The satellite is scheduled for launch onboard Ariane-5 launch vehicle (VA 247) from French Guiana.

Salient features

- | | |
|---------------------|------------------------------|
| 1. Lift of Mass | : 2535 kg |
| 2. Spacecraft Power | : 4.7 kW |
| 3. Payload | : Ku-band transponders |
| 4. Coverage Area | : Indian Mainland and Island |
| 5. Mission Life | : Around 15 Years |

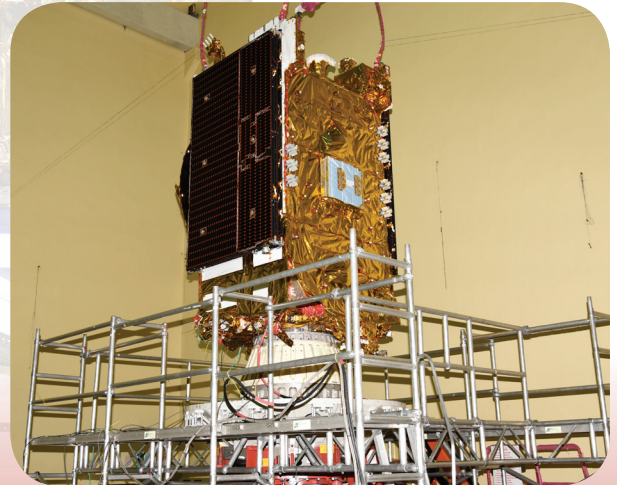
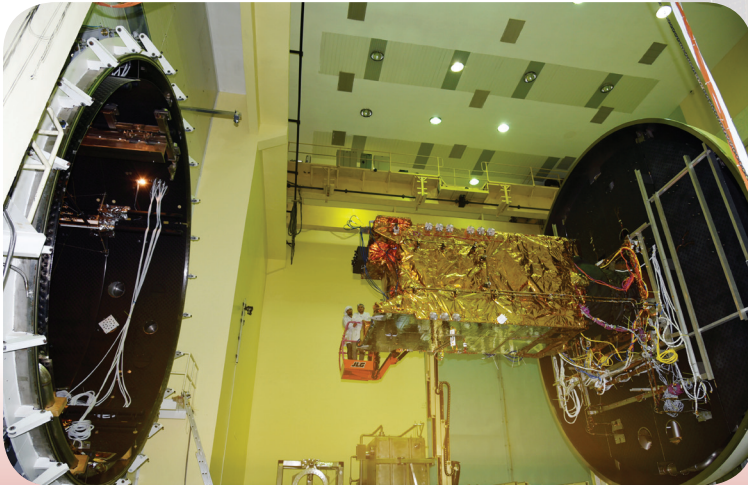
Milestones

40th Communication Satellite of India



Applications

- ◆ GSAT-31 will be used for supporting VSAT networks, Television uplinks, Digital Satellite News Gathering (DSNG), DTH-television services, cellular backhaul connectivity and many such applications
- ◆ The satellite also provides wide beam coverage using a wide band transponder
- ◆ Two Ku-band beacon downlink signals are transmitted by the satellite for ground tracking purpose



GLIMPSES



Indian Space Research Organisation

Office of Media and Public Relations

ISRO Headquarters, Antariksh Bhavan , New BEL Road, Bengaluru-560 094, India

Telephone: +91-80-23415474 | Fax: +91-80-23412253

Follow us on: www.isro.gov.in | @isro on Twitter | www.facebook.com/ISRO/