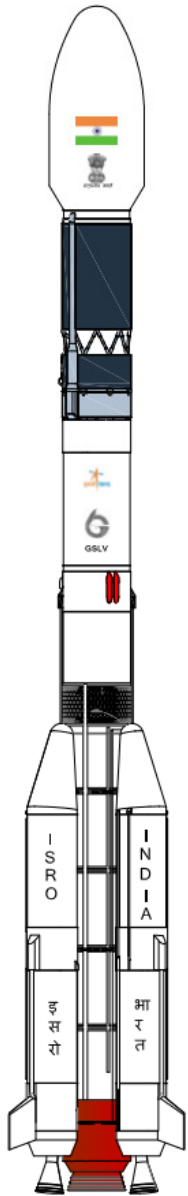




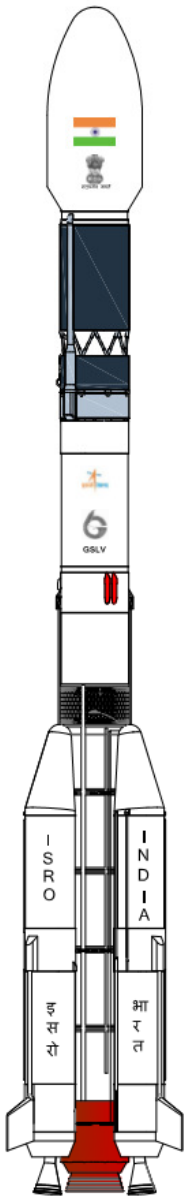
GSLV PROJECT

PLANNED LAUNCHES OF GSLV





GSLV F10/ GISAT-1 Mission



Vehicle configuration

(4L40Hs + S139) + GL40HT + CUS15+ ϕ 4m Ogive PLF

GISAT-1 Satellite mass requirement: 2275 kg (TBD)

Mission specifications

Orbit specifications

GTO perigee : 170 ± 3 km
GTO apogee : 35975 km (Nominal)*
Arg. of perigee : 178 ± 0.5 deg
Orbit inclination : 19.31 ± 0.1 deg
* Dispersions based on MC results

Launch details

Launch station : SHAR – SLP
Launch azimuth : 104 deg

Vehicle Configuration

Introduction of 4m diameter
Ogive PLF

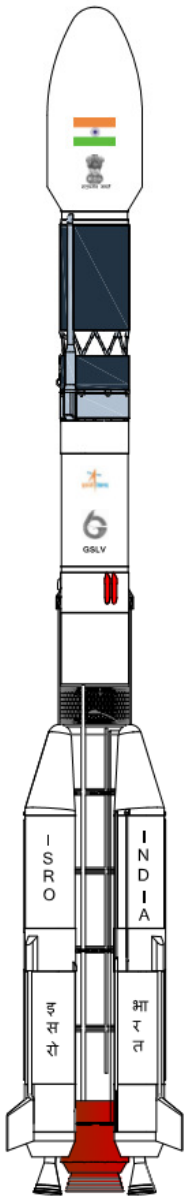
**GS2 Drag corrected Impact
95.93 Deg**

- GS2 GM : 607 kg
- No GM in CUS15

GSLV F10/GISAT-1 mission is targeted in January 2020



GSLV F12 / GISAT-2 Mission



Vehicle configuration

(4L40Hs + S139) + GL40HT + CUS15+ ϕ 4m Ogive PLF

GISAT-2 Satellite mass requirement: 2300 kg (TBD)

Mission specifications

Orbit specifications

GTO perigee : 170 ± 3 km
GTO apogee : 35975 km (Nominal)*
Arg. of perigee : 178 ± 0.5 deg
Orbit inclination : 19.31 ± 0.1 deg
* Dispersions based on MC results

Launch details

Launch station : SHAR – SLP
Launch azimuth : 104 deg

Vehicle Configuration

Introduction of 4m diameter
Ogive PLF

**GS2 Drag corrected Impact
95.93 Deg**

- GS2 GM : 607 kg
- No GM in CUS15

GSLV F12/GISAT-2 mission is targeted in July 2020