



PRESS RELEASE

NewSpace India Limited (NSIL) to undertake its 2nd Demand Driven satellite mission “GSAT-20 [GSAT-N2] : Ka-band HTS satellite” during 2nd quarter of 2024, primarily for meeting the Broadband communication needs of the nation

NewSpace India Limited (NSIL), a Govt. of India company under Department of Space and the commercial arm of ISRO, is gearing up to undertake its 2nd Demand driven communication satellite mission involving GSAT-20 [renamed as GSAT-N2], a high-throughput Ka-band Satellite during 2nd quarter of 2024. GSAT-20 satellite will be fully owned, operated and funded by NSIL.

Bengaluru, 02 January 2024:

As part of Space Sector reforms announced by Govt. of India during June 2020, NSIL was mandated to build, launch, own and operate satellites in “Demand-driven mode” for meeting service needs of the user. As part of this, NSIL successfully undertook its 1st Demand-driven satellite mission, GSAT-24 during June 2022, wherein the capacity on-board the satellite was fully secured by M/s TataPlay. GSAT-24 mission was fully funded by NSIL. Presently, NSIL owns and operates 11 communication satellites in orbit.

On similar lines, during 2nd quarter of 2024, NSIL will be undertaking the GSAT-20 satellite mission to offer cost-effective Ka-Ka band HTS capacity primarily for meeting the Broadband, as well as IFMC and cellular backhaul service needs. Bulk of the HTS capacity on-board GSAT-20 satellite has already been secured by Indian service providers.

GSAT-20 offers Ka-Ka band HTS capacity with 32 beams having Pan-India coverage including A&N and Lakshadweep islands. NSIL is realizing GSAT-20 satellite through ISRO and will be launched on-board Falcon-9 under a Launch service contract between M/s NSIL and M/s SpaceX, USA. GSAT-20 weighing 4700 kg, offers HTS capacity of nearly 48Gpbs. The satellite has been specifically designed to meet the demanding service needs of remote/ unconnected regions.