

Government of India
Ministry of Communications
Department of Telecom
Sanchar Bhawan, 20, Ashoka Road, New Delhi - 110001
(Access Services Cell)

No. 20-271/2010 AS-I (Vol.-III)

Dated: 23.09.2021

To

All Unified Licensees

Subject: Amendment in Unified License Agreement on provision of Cellular Backhaul Connectivity -reg.

In pursuance of Condition 5.1 of Chapter-I, the LICENSOR reserves the right to modify at any time the terms and conditions of the LICENCE, if in the opinion of the LICENSOR it is necessary or expedient to do so in public interest or in the interest of the security of the State or for the proper conduct of the telegraphs. The LICENSOR hereby amends/appends the following in UL agreement:

S.No	Existing clause	Amended clause
1.	<p>PART-II, CHAPTER-XIV, COMMERCIAL VSAT CUG SERVICE</p> <p>2. Scope of VSAT CUG Service: Scope of this Authorization covers the following:</p> <p>2.1 (i) The scope of service is to provide data connectivity between various sites scattered within territorial boundary of India using VSATs. The users of the service should belong to a Closed User Group (CUG). However, the VSAT licensee after obtaining ISP license may use same Hub station and VSAT (remote station) to provide Internet service directly to the subscribers, and in this case VSAT (remote station) may be used as a distribution point to provide Internet service to multiple independent subscribers.</p>	<p>PART-II, CHAPTER-XIV, COMMERCIAL VSAT CUG SERVICE</p> <p>2. Scope of VSAT CUG Service: Scope of this Authorization is to provide the following:</p> <p>2.1 (i):</p> <p>(a) Data connectivity between various sites scattered within territorial boundary of India using VSATs. The users of the service should belong to a Closed User Group (CUG).</p> <p>(b) VSAT licensee after obtaining ISP license may use same Hub station and VSAT (remote station) to provide Internet service directly to the subscribers, and in this case VSAT (remote station) may be used as a distribution point to provide Internet service to multiple independent subscribers.</p> <p>(c) Backhaul connectivity for cellular mobile services through satellite using VSAT to the Access Service providers.</p> <p>(d) Backhaul connectivity using VSAT to Access Service Providers for establishing Wi-Fi hotspots.</p>

	<p>(ii) Long distance carriage rights, granted for NLD, ILD and Access service, are not covered under the scope of this service.</p> <p>(iii) The Closed User Group Domestic Data Network via INSAT Satellite System using VSAT shall be restricted to geographical boundaries of India.</p> <p>(iv) The Licensee can set up a number of CUGs using the shared hub infrastructure.</p> <p>(v) PSTN/PLMN connectivity is not permitted.</p> <p>(vii) Data Rate, as specified in TEC Interface Requirements No. TEC-IR/SCB-08/02-SEP.2009, is allowed, subject to the compliance of the Technical parameters as specified in TEC Interface Requirements No. TEC-IR/SCB-08/02-SEP.2009, as modified from time to time.</p>	<p>(e) The VSAT terminal of the Commercial VSAT CUG Service provider, which is used to provide cellular mobile backhaul link or Wi-Fi hotspot backhaul link, is to be located in the service area of the Access service provider, where the backhaul link is used. However, the VSAT hub can be located anywhere in the country. The link from the hub station to the respective network element of the cellular mobile network can be provided through the terrestrial connectivity obtained from an authorized service provider.</p> <p>(ii) Long distance carriage rights, granted for NLD, ILD and Access service, are not covered under the scope of this service except the backhaul connectivity mentioned in para 2.1(i) (c) & (d) above.</p> <p>(iii) The Closed User Group Domestic Data Network via INSAT Satellite System using VSAT shall be restricted to geographical boundaries of India.</p> <p>(iv) The Licensee can set up a number of CUGs using the shared hub infrastructure.</p> <p>(v) PSTN/PLMN connectivity is not permitted except the backhaul connectivity mentioned in para 2.1(i) (c) & (d) above.</p> <p>(vii) stands deleted</p>
2.	<p>PART-II, CHAPTER-X NATIONAL LONG DISTANCE SERVICE</p> <p><new clause></p>	<p>PART-II, CHAPTER-X NATIONAL LONG DISTANCE SERVICE</p> <p>6. TECHNICAL CONDITIONS</p> <p>6.1 A Licensee having license/authorizations for both Commercial VSAT CUG Service and NLD Service is permitted to share VSAT Hub for the</p>

		purpose of providing authorized services.
3.	<p>PART-II, CHAPTER-XIV, COMMERCIAL VSAT CUG SERVICE</p> <p>4. TECHNICAL CONDITIONS</p> <p>4.3 The HUB Station shall be operated and maintained by the Licensee subject to the following conditions:-</p> <p>(i) The Hub station as well as all the VSATs shall be within the geographical boundary of India.</p> <p>(ii) The VSAT at the premises of customer/ users should have a logo prominently displayed indicating the name of VSAT Licensee.</p> <p>(iii) The Licensor or its representative will have access to the HUB as well as the technical facilities provided by the Licensee for monitoring, inspection etc.</p> <p>(iv) Before start of operation from Hub Station, necessary clearances from Network Operations Control Center (NOCC) on payment of prescribed charges will be taken by the Licensee.</p> <p>(v) The hub station shall have the auto tracking facility to access all the satellites in INSAT Geo stationary arc. The hub station shall have 4 Port feed and motorized polarization adjustment facility.</p> <p>(vi) The information should be maintained in the Network Management System (NMS) in such a way that by giving simple software command, the data related to the total number of VSATs configured/operational with date of commissioning should be available network-wise/customer-wise, along with their date of configuration, date of commissioning, coordinates, address of the VSAT locations alongwith the name of city, district, state etc. In this regard, Licensee would abide by the directive issued by the Licensor/ NOCC.</p>	<p>PART-II, CHAPTER-XIV, COMMERCIAL VSAT CUG SERVICE</p> <p>4. TECHNICAL CONDITIONS</p> <p>4.3 The HUB Station shall be operated and maintained by the Licensee subject to the following conditions:-</p> <p>(i) The Hub station as well as all the VSATs shall be within the geographical boundary of India.</p> <p>(ii) The VSAT at the premises of customer/ users should have a logo prominently displayed indicating the name of VSAT Licensee.</p> <p>(iii) The Licensor or its representative will have access to the HUB as well as the technical facilities provided by the Licensee for monitoring, inspection etc.</p> <p>(iv) Before start of operation from Hub Station, necessary clearances from Network Operations Control Center (NOCC) on payment of prescribed charges will be taken by the Licensee.</p> <p>(v) The hub station shall have the auto tracking facility to access all the satellites in INSAT Geo stationary arc. The hub station shall have 4 Port feed and motorized polarization adjustment facility.</p> <p>(vi) The information should be maintained in the Network Management System (NMS) in such a way that by giving simple software command, the data related to the total number of VSATs configured/operational with date of commissioning should be available network-wise/customer-wise, along with their date of configuration, date of commissioning, coordinates, address of the VSAT locations alongwith the name of city, district, state etc. In this regard, Licensee would abide by the directive issued by the Licensor/ NOCC.</p>

		vii) A Licensee having license/authorizations for both Commercial VSAT CUG Service and NLD Service is permitted to share VSAT Hub for the purpose of providing authorized services.
4.	<p>PART-I, CHAPTER-V, OPERATING CONDITIONS</p> <p>33. Sharing of infrastructure:</p> <p>33.1 Sharing of active/passive infrastructure shall be governed by the terms and conditions of respective service authorization and amendment/guidelines to be issued by the Licensor from time to time.</p>	<p>PART-I, CHAPTER-V, OPERATING CONDITIONS</p> <p>33. Sharing of infrastructure:</p> <p>33.1 Sharing of active/passive infrastructure shall be governed by the terms and conditions of respective service authorization and amendment/guidelines to be issued by the Licensor from time to time.</p> <p>33.2 The Licensee may share its own active and passive infrastructure for providing other services authorized to it under any other telecom license issued by Licensor.</p> <p>33.3 An authorized Gateway hub operated by the satellite provider itself is permitted to be shared with the satellite bandwidth seeker.</p>
5.	<p>PART-I, CHAPTER-IV TECHNICAL CONDITIONS</p> <p>28. Interface:</p> <p>28.3 In case of Satellite based services, the technical parameters & data rates mentioned in Interface Requirements for Satellite Communications namely No. TEC-IR/SCB-08/02-SEP.2009 issued by TEC are to be strictly complied with. Any notification or modification issued by TEC from time to time in this regard shall be binding.</p>	<p>PART-I, CHAPTER-IV TECHNICAL CONDITIONS</p> <p>28. Interface:</p> <p>28.3 The technical parameters mentioned in the relevant Interface Requirement for VSAT Network(s) issued by TEC, as modified from time to time, are to be complied with.</p>
6.	<p>PART-II, CHAPTER-XIV, COMMERCIAL VSAT CUG SERVICE</p> <p>4. Technical Conditions:</p> <p>4.1 Technical Parameters and data rates:-For providing the VSAT services, the Licensee shall install equipment</p>	<p>PART-II, CHAPTER-XIV, COMMERCIAL VSAT CUG SERVICE</p> <p>4. Technical Conditions:</p> <p>4.1 Technical Parameters:- For providing the VSAT services, the Licensee shall install equipment complying to the technical parameters mentioned in the</p>

<p>complying to the technical parameters and Data rates mentioned in Interface Requirements for CUG domestic VSAT networks namely No. TEC-IR/SCB-08/02-SEP.2009 issued by TEC as modified from time to time.</p>	<p>relevant Interface Requirement for VSAT Network(s) issued by TEC, as modified from time to time.</p>
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2. This amendment shall be part and parcel of the Unified License Agreement and all others Terms & Conditions shall remain unchanged.

Prashant Verma
25/19/21

(Prashant Verma)
Assistant Director General (AS-I)
Tel No.: 23036580

Copy To:

- (1) Secretary, TRAI
- (2) DGT, DOT(HQ)
- (3) Advisor(Economics)/ Wireless Advisor /Sr DDG (TEC)
- (4) DDG(CS)/ DDG(DS)/ DDG (Satellite)/DDG (LFP) /DDG(LFA)/ DDG(SPPI) /DDG (SA)/ DDG (WPF)/ DDG(A/C)
- (5) All Director of AS Wing.
- (6) Director (IT) may kindly arrange to upload this letter on the website of DoT.