



Government of India  
Ministry of Communications  
Department of Telecommunications  
Network Operations Control Centre  
Room No.212-214, 2nd Floor, Eastern Court  
Janpath, New Delhi – 110001

No. NOCC-579/2022

Dated: 21-11-2022

**Sub: Satellite Communication Reforms-2022 – reg.**

Please refer the Satellite Communication Reforms-2022 which were unveiled by Hon'ble MoC on 26<sup>th</sup> Oct 2022. As part of these reforms, the Satellite Division, DoT has *inter-alia* issued Guidelines for establishing satellite-based communication network vide Letter No. 60-SATCOM Plan/DoS/2020-SAT dated 28.10.2022 and the same are available on the website of DoT.

2. The procedural reforms in respect of NOCC approvals/clearances required for SATCOM services are summarized below:

SN	Item/Work	Earlier Process	Revised Process
1.	Approval of Carrier Plan/ Link Budget	The applicant, after allocation of space segment on satellite, applies to NOCC for its proposed Carrier Plan/ Link Budget in physical mode. NOCC examines the same, gets it revised if required, and approves the same within a prescribed time-limit of 7 days.	The applicant, after allocation of space segment on satellite (by Space Segment Procedure), will apply to NOCC for its proposed Carrier Plan/ Link Budget online through SaralSanchar Portal.  NOCC will examine the same, will request the applicant to revise/correct the same, if required. The approval will be conveyed ONLINE within a prescribed time-limit of 7 days.
2.	Mandatory Performance Verification Testing (MPVT) of ground segment	The applicant, after getting Frequency Allocation and Decision Letter (DL) from the WPC, and installation of its antenna, applies to NOCC for MPVT of the antenna in physical mode. NOCC carries out the MPVT i.e. physical verification by visiting	Instead of MPVT by NOCC, now the licensee/applicant, after installation of its antenna(s), will carry out self-test of the antenna and shall submit the relevant antenna parameters alongwith radiation pattern results through a self-certificate ONLINE through SaralSanchar Portal for validation by NOCC.

*(Signature)*

	transmit antenna of the operators before start of Up-linking operations	the site and conformity of antenna parameters by observing and analyzing the same through NOCC Earth Station at Sikandrabad (UP). If the antenna does not satisfy the ITU-RS 580-6 specifications, the operator is requested to rectify the faults and offer the same again after rectifying the faults. If antenna satisfies the ITU- RS 580-6 specifications, NOCC issues the approval. A time-limit of 7 days has been prescribed for issuing approval of MPVT. During this process, NOCC also helps the operator in optimizing its antenna.	<p>The validation of self-certificate is carried out within 3 days by NOCC on the online system.</p> <p>The Uplink Permission is given immediately after the validation of the self-certificate of antenna parameters. The operator will be able to download the Uplink Permission through SaralSanchar Portal. The operator need not apply for the same separately.</p> <p>Although, the MPVT testing before up-linking has been dispenses with to reduce the roll-out of service(s) time, however, later for interference monitoring and mitigation, NOCC may call for additional details and conduct test, if required.</p>
3.	Charges/fees for MPVT	A fees of Rs.6000 was prescribed for carrying out MPVT by NOCC.	The charges/fees for MPVT have been removed.
4.	NOCC monitoring charges	NOCC monitoring charges of Rs.21 Lakh per transponder (36 MHz) per annum were prescribed.	The NOCC monitoring charges have been removed for all service providers.
5.	Uplink permission for transmission of satellite carriers	The applicant, after obtaining the new or revised WoL/DL (as the case may be) from WPC, applies to NOCC in physical mode for Permission to start Up-linking of the services as per the approved carrier plan. NOCC examines the same, gets it revised if required, and approves the same.	<p>For first time uplink through the antenna, the Uplink Permission is given immediately after the validation of self-certificate by NOCC. The validation of self-certificate is carried out within 3 days by NOCC on the online system.</p> <p>The operators may download the Uplink Permission through SaralSanchar Portal. The Operator need not apply for the same separately.</p>


*24/12/20*

			For subsequent up-linking of additional carriers/services through the antenna or up-linking of existing service(s) with revised carrier parameters, the applicant, after obtaining the new or revised WoL/DL (as the case may be) from WPC, will apply for Up-link Permission through SaralSanchar Portal. The NOCC will examine the same, will get the discrepancies (if any) resolved, and will generate Uplink Permission. The applicant may download the Uplink Permission through SaralSanchar Portal.
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3. Further, NOCC may call for additional details and conduct tests, if required, for interference monitoring and mitigation, In case of material deviation in the actually installed equipment vis-a-vis approved parameters, suitable remedial action may be ordered by NOCC. The operators are hereby advised that:

- (i) For validation of the self-certified details of antenna parameters, the operator shall carry out self-test of its ground segment antenna after installation of the same and upload the self-certificate containing details of requisite antenna parameters in the prescribed format through SaralSanchar Portal for validation of the same by NOCC. The operator shall not start the Up-linking of services through the antenna without obtaining the Uplink Permission through SaralSanchar Portal.
- (ii) In case of any change in the approved Hub/VSAT/IFMC/Teleport or DSNG Vehicle/Antenna, the operator shall not start the up-linking before obtaining the fresh Uplink Permission through SaralSanchar Portal to avoid any interference in the satellite.

4. This is for kind information of all SATCOM service providers/ Operators please.

  
 (S. C. Karol)  
 Director (NOCC)  
 DoT HQs, New Delhi

To,  
All SATCOM Service Providers/ Operators

Copy To,

1. PPS to Member(T), DoT, Sanchar Bhawan, New Delhi.
2. Wireless Advisor, WPC, Sanchar Bhawan, New Delhi.
3. DDG(NOCC), DoT
4. DDG(Satellite), DoT
5. Office Copy