

2011

# Proposed Regulatory Framework For Satellite Services & Licensing - 2011”



## **Introduction:**

Authority has taken initiative to *revisit the Satellite Licensing Framework* in order to increase the efficacy of the details of satellite service providers in Pakistan and streamlining the procedure of provision of satellite bandwidth. Following is proposed as a result of deliberations within the Authority.

## **Proposal:**

Following shall be applicable to domestic use of satellite services with no switching outside Pakistan:

- i. All Satellite bandwidth to be obtained through LL and LDI's within the scope of their license.
- ii. Class license holders including DNOPs, NVCNS etc. have to obtain capacity through the operators mentioned at (i) above. They shall not be allowed to have their own PSTN or core networks.
- iii. *“Satellite Bandwidth Provider (SBP)”* shall be defined as “SBP is a PTA licensed seller of a satellite bandwidth with one or more transponder capacity of one or more satellites having footprint over Pakistan. SBP could be the original owner of the satellite, or a sole entity having entire bandwidth selling rights with footprints over Pakistan. SBP shall have to obtain security clearance from GoP through PTA. PTA shall process the application as per its SoP on the subject. SBP will not be a user of bandwidth within Pakistan.
- iv. *“Hub”, in the context of this document is not defined as a switching hub but rather a password protected O&M terminal which shall be used to monitor essential traffic information, billing information, QoS parameters, terminal GPS information alongwith address identification, linking information of terminals, bandwidth utilization and capacity flow.*
- v. *SBP shall not be part of any existing regime and, preferably a separate class within Class Licensing. .*
- vi. *“User” shall be a PTA licensee*
- vii. The license fee for the SBP shall be US \$1000/- per annum.
- viii. All eligible licensees of PTA desiring bandwidth shall first approach LL and LDI to obtain bandwidth through terrestrial, satellite or VSAT links.
  - a. If denied or no response is received from LL/LDI within 60 days, the applicant shall inform PTA in writing.

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- b. The Authority after analyzing the case shall take notice and acquire reasons for not providing such services to the applicant.
  - c. If satisfied PTA shall allow the applicant to obtain satellite links for provision of services within its license limits directly from a licensed SBP having bandwidth selling rights
  - d. The permission shall be granted for a period of 3 years or duration of the applicant's license, whichever is less. At the end of the expiry period, in case, LL or LDI is not ready to offer BW, the user will apply to PTA at least 6 months prior to the expiry for their exclusive permission.
  - e. The Authority shall decide the case with in a period of 30 days.
- ix. Satellite bandwidth provisioning through SBP will only be provided through a local hub for all links (time and space switching not allowed), maintained and operated by the LL/ LDI operator, whichever the case maybe, except for situation as described in (v) above in which case non-LL/LDI licensee shall be responsible to meet these requirements and all those mentioned below:
- a. The logs shall be maintained by the licensee who is operating the hub and shall be maintained for a period of one year.
  - b. LI compliance is required; the same shall be arranged prior to commencement of service.
  - c. Each and every node (termination point) shall be subject to prior approval and clearance from the Authority, subject to payment of annual fee as decided by Authority from time to time.
  - d. Such services shall be provided end-to- end by one PTA licensee.