

# **PAKISTAN TELECOMMUNICATION AUTHORITY**

## **STANDARD OPERATING PROCEDURE (SOP) FOR REGISTRATION OF OUTDOOR POINT TO POINT LINKS TO BE OPERATED IN ISM BAND**

**WIRELINE-LICENSING DIVISION**  
**DATED - 01, July, 2025**

1. **INTRODUCTION:** In pursuance to Clause 8.13 of Telecommunication Policy, 2015, Pakistan Telecommunication Authority (PTA) has allowed establishment/installation of outdoor Point to Point Wireless Link(s) by Licensees (i.e. Cellular, Local Loop and Data Class License holders) to be operated in compliance with Industrial Scientific and Medical (ISM) band and other requirements as mentioned in Class Licensing and Registration Regulations 2007, Class Licensing & Registration (Amendment) Regulations, 2008, Class Licensing & Registration (Amendment) Regulations, 2010, Class Licensing & Registration (Amendment) Regulations, 2016. Prior to commencement of services, these outdoor Point to Point Links shall be registered with Frequency Allocation Board (FAB) through PTA. Further, Any new links to be added after commencement of services shall also be registered with FAB prior to installation.

2. **PURPOSE & SCOPE OF SOP:** The purpose of this SOP is to streamline the process of registration of outdoor Point to Point Link(s) in ISM band in compliance with Clause 8.13 of Telecommunication Policy, 2015 read with sub-regulation (9) of Regulation (9) of Class Licensing and Registration Regulations, 2007 which was inserted vide “Class Licensing and Registration (Amendment) Regulations, 2016”.

### **3. REGISTRATION OF WIRELESS LINKS**

3.1 Any outdoor Point to Point Wireless Link to be operated in ISM band will be processed as per the following procedure:

3.1.1. **NEW WIRELESS LINKS:** An outdoor Point to Point Link will be installed with prior approval of concerned Municipal Authorities and/or owner of the property/building.

a. **Application Submission:** The application for registration of outdoor Point to Point Link will be submitted to Wireline-Licensing Division by *Local Loop (LL) and Class Licensees and by Cellular Mobile Operators (CMOs) to Wireless-Licensing Division*), on FAB Portal at <https://portal.fab.gov.pk/>. Following documents may be provided by the applicant:-

- i. Letter of Intent
- ii. Online Form to be filled as per details required on FAB Portal.
- iii. Detailed Technical literature of the equipment
- iv. Antenna Pattern (*Azimuth/Elevation Co Polarization and Cross polarization charts, also in tabular form*)
- v. Spectrum chart for Transmitter.
- vi. Network Diagram/Site Plan.
- vii. Six digits site coordinates duly verified by the Survey of Pakistan.
- viii. Undertaking on duly notarized stamp paper that:
  - (1) Neither the applicant Company nor their shareholders Directors are defaulter(s) of PTA.
  - (2) No secrecy device will be used on the communication system.
- ix. Copy of CNIC of the signing Authority
- x. Pay Order/Bank Draft/Cheque in the name of Pakistan Telecommunication Authority of **Rs. 1000/-**(Rupees One Thousand only) per site against applied sites as application processing fee.

- b. **Application Scrutiny:** PTA will scrutinize the application keeping in view the following:
- i. Whether the application is complete as per requirements mentioned at Para 3 (b) (ii).
  - ii. The proposed frequencies of operation are in line with ISM band limits defined in sub-regulation (3) of Regulation (9) of “Class Licensing and Registration Regulations 2007” substituted vide regulation 7 of **“Class Licensing and Registration (Amendment) Regulations, 2016”**.
  - iii. Whether any dues are pending against the operator? The detail of outstanding dues shall be obtained from Finance, Commercial Affairs, Wireless-Licensing (RBS Directorate) and Wireline-Licensing Divisions (Numbering Directorate).
  - iv. Compliance of other regulatory requirements if any.
- c. **Application Processing Timelines:** PTA will process the application as follows:

S. No	Action	Timelines
1.	Initial Scrutiny of the Application	5 x Working Days
2.	Credit Confirmation of Application Processing Fees	3 x Working Days
3.	a. Recommended Case i. Complete Application (i.e after clearance of outstanding dues and technical anomalies if any) to be processed to FAB by DG-Wireline Licensing for LL & Class Licensees.	15 x Working Days

S. No	Action	Timelines
	<p>ii. Complete Application (i.e after clearance of outstanding dues and technical anomalies if any) to FAB by DG-Wireless Licensing for CMOs.</p> <p>b. Return Case</p> <p>i. In Case of any discrepancies or outstanding dues, Application to be returned to LL &amp; Class Licensees by concerned Officer under intimation to Director/DG-Wireline Licensing.</p> <p>ii. In Case of any discrepancies or outstanding dues, Application to be returned to CMOs by concerned Officer under intimation to Director/DG-Wireless Licensing.</p> <p><i>Note: Incase of absence of DG, concerned Director shall process the application to FAB.</i></p>	

- d. FAB will analyze and communicate its observation/objection if any directly to the applicant within eight weeks of receipt of application, under intimation to PTA.

- e. **Registration Letter**: In case of no observation/objection within stipulated time period from Members of the FAB after proposal circulation, FAB shall grant approval in the light of relevant decisions of the Meeting(s) of Board.
- f. **Provisional Operation of Link**: In case of any concerns communicated by FAB at a later stage, the Licensee shall have to address the same and send confirmation to FAB under intimation to PTA.

3.1.2. **ALREADY ESTABLISHED LINKS**: Licensee shall close / dismantle any of its already established links, if not approved by FAB.

- 3.2. Any unregistered Point to Point Link shall be considered in violation to sub-regulation (9) of Regulation (9) of **Class Licensing and Registration Regulations, 2007** which was inserted vide “**Class Licensing and Registration (Amendment) Regulations, 2016.**”.
  - 3.3. PTA/FAB shall carry out inspection/survey to find any unregistered Point to Point Link(s) in ISM band and initiate appropriate actions and/or legal proceedings against unregistered Links users.
4. **CLOSURE OF LINKS**: PTA may order closure of links either permanently or temporarily for security concerns, on violation of the Rules, Regulations, SOPs, or PTA’s directives and/or on the policy directives of the Government of Pakistan.