

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)**

**No. 2021/Tele Dev/Unified Communication**

**Date: 29.07.2021**

**General Managers  
All Zonal Railways**

**Sub: Guidelines regarding use of Ethernet interfaces for PRS/UTS and other data communication circuits (FOIS, COIS & CMS).**

**Ref: GM/SWR's DO letter no. SG/SWR/UTS/PRS/256 dated 24.03.2021**


Vide the letter under reference, GM/SWR had raised the matter regarding use of Ethernet interfaces for PRS/UTS and other data communication circuits (FOIS, COIS & CMS) to facilitate the elimination of Modems to improve reliability & to reduce cost of deployment.

2. The matter was examined in Railway Board by Telecom and C&IS directorate, and the following has been approved:

- (i) Modems may be replaced by Ethernet interfaces in the communication network of PRS/UTS and other IT application networks including FOIS, COIS & CMS.
- (ii) It may be done during replacement or upgradation or speed enhancement works of communication network of PRS/UTS and other IT application networks including FOIS, COIS & CMS.
- (iii) For Critical applications like PRS/UTS, FOIS, COIS & CMS, extant norms & compliances, may be followed, except use of modems and its associated equipments.
- (iv) Existing and tentative architecture of the PRS/UTS location is attached as Annexure-I for information and guidance.

Kindly acknowledge receipt and ensure compliance.

Encl.- As above.

  
29.7.2021  
**ED (C&IS)**

  
29.07.2021  
**ED (Telecom Development)**

Existing & Tentative architecture of the PRS/UTS Network

