Government of India
Ministry of Railways
(Railway Board)

No.2010/Tele/9(1)/1   New Delhi, Dated 19.07.2011

Executive Director,
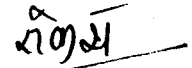Research Design & Standards Organisation (RDSO),
Manaknagar, Lucknow-226011.

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Sub: Induction of New Transport Technology.
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IP bases systems are becoming a norm nowadays. All the legacy systems are now being migrated to an all-IP-network. Ethernet is emerging as one of the leaders in the technology of tomorrow.

SDH systems are being phased out across the globe and carrier Ethernet seems to be the new choice of transport technology Railways are using SDH technology for its transmission requirement. A need is therefore felt to examine suitable replacement technology keeping in view that Railways is also attempting to move all its legacy systems - be it administrative voice communication, train control communication, scada communication etc. – to IP.

RDSO may therefore examine the latest available transport technology and make suggestions in this regard clearly bringing out a smooth migration plan.

o/c

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