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East Central Railway
Signal & Telecommunication Department

TECHNICAL CIRCULAR NO. 20

Sub: Signaling Interlocking Plan and their numbering system.

1. At any point of time, there will be only one SIP (mother tracing) for any station and usually mother tracing is to be kept in HQ drawing office. If for any reason tracing is issued to construction unit for any work, a security copy, Ferro print of original SIP, shall be kept in HQ drawing office duly marked "Original SIP issued to----------for ----------work on date----------. Once original SIP is returned, security copy shall be replaced with the original.
2. However, for major works for initial approval process through divisions etc, construction unit can draw a new SIP based on paper print, marked as "tentative for comments only" and just before final approval of CSTE, original SIP shall be issued to construction unit to maintain sanctity of only one SIP at a time.
3. All signaling plans shall have a unique drawing number in the series ECR/SIP/Divn Code/SL No./Year of production of drawing.

   For example a SIP of DNR division, newly produced in 2008 superceding earlier SIP will be numbered, as ECR/SIP/DNR/253/2008 where in 253 is unique sl. no for that particular station in DNR division.
4. There digit unique SL no. is permanently allotted for every station in ECR and same will continue to be used. A new SIP produced for same station superceding old one will have same number except last four digit of year will change to represent new year of SIP production.
5. Max number of alteration, usually permitted in SIP is three. If further alteration required, usually a new SIP shall be produced superceding old one. New work shall be highlighted such as showing in RED. After commissioning, at completion drawing stage, new work to be converted to black.
6. A central register for allocation of SIP no. is maintained in HQ drawing office for all stations of ECR.
7. For any new station coming up in ECR, e.g. as part of new line work, a new three digit SL. No. for SIP will be issued by HQ drawing office. No other units will issue/generate SIP number.