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(भारत सरकार) GOVERNMENT OF INDIA
(रेल मंत्रालय) MINISTRY OF RAILWAYS
(रेलवे बोर्ड) RAILWAY BOARD

No. 2019/Sig/86th SSC

New Delhi, dated 30.12.2019

ED/Sig/Co-ord
RDSO
Lucknow

Sub: Items for discussion in 86th Signal Standard Committee (SSC)
Ref: RDSO's Letter No STS/S/86th SSC Meeting dated 13.12.2019

In reference to RDSO's letter and further discussions over subject, agenda items for the 86th SSC meeting have been approved by Railway Board and appended below:

SN	Item
1	<p>Revision of SEM – SEM Pt-I issued in 1988; SEM Pt-II in 2001. It is proposed to re-issue IRSEM incorporating all the Addendum and Corrigendum Slips (ACS) issued along with latest developments - few of them are TMS, CTC, ATP systems and OFC based Signaling. It should also include following Agenda items proposed in 86th SSC:-</p> <ul style="list-style-type: none">(a) Chapter of EI, ATP in SEM(b) Reduction of time "Emergency Route Cancellation" for Shunt Signal from 120 to 60 Seconds(c) Modification in Para 13.38.5(i) of SEM Part II regarding KLCR(d) Change in GR & SEM for implementation of TCAS, ETCS level-2 on IR. <p>A Committee is being nominated for examining and finalizing amendments in the IRSEM. Progress of the committee may be discussed in 86th SSC.</p> <p>The recommendations of the Committee may be discussed in a Special SSC for finalizing IRSEM thereafter.</p>
2	Single specification for DAC. Scheme of working of DAC on OFC (Dark Fibre/2 Mbps).
3	Single specification for Electronic Interlocking with provision of block working. Presently there are two specifications for EI – RDSO/SPN/192/2019 'for EI' and RDSO/SPN/203/2011 'EI for big yards'.

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4	Review of certain signaling items for discontinuing their RDSO specs and/or vendor development.
5	Single specification for BPAC. Presently there are two specifications for Block Proving with Axle Counters- IRS:S:105/2012 and RDSO/SPN/175/2005.
6	Single specification for IPS for stations/LC/IB/RH. Presently there are two specifications – (i) RDSO/SPN/165/2012 ver 3.0 for SMPS based IPS supply also includes power supply for LC gates, (ii) RDSO/SPN/215/2018 ver 2.0 for power supply arrangement for LC/IB/RH.
7	Specification for - ETCS Interface Design to make it interoperable with TCAS.
8	Specification for - COA and CTC interface design – for linking of CTC with COA.
9	Specification for - Remote Diagnostic & Predictive Maintenance system.
10	Specification for Fail Safe Networked MUX for Fail Safe data transmission between Electronic Signaling equipments.
11	Automatic generation of Control Table/RCC and circuit diagrams from SIP - IIT KGP design software Phase-2.
12	Specification for - Interoperable Axle Counter Sensor among different makes of DACs.
13.	NI panel for 30/40 kmph work – RDSO has been asked to issue scheme of NI panel with minimum essential interlocking to be provided during NI working.
14.	OFC Network design for connecting RBC (Radio Block Centre) and EI.

Venue - NF Railway
Time - First Week of March 2020

RDSO may take immediate action to organize 86th SSC and advise Zonal Railways with a Brief for Railway board.

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30/12/2019
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Copy to: PCSTEs, Zonal Railway, CORE ALD, Metro Kol,
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