



सत्यमेव जयते

भारत सरकार-रेल मंत्रालय  
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No. EL/2.2.9/10

Date: 05/04/2018

**Principal Chief Electrical Engineer,**

- (i) North Central Railway, Subedarganj, Allahabad- 211033
- (ii) Southern Railway, Park Town, Chennai- 600 003
- (iii) West Central Railway, Jabalpur-482001
- (iv) Chittaranjan Locomotive Works, Chittaranjan. 713 331

**Sub:** Minutes of Meeting at RDSO on 28.03.2018 with OEMs of ESMON and Railways for Reliability of "Microprocessor based Electronic speed cum Energy monitoring system for electric locomotives".

Please find enclosed herewith the copy of subject Minutes of Meeting for your information & further necessary action.

(A.K. Shukla)

**for Director General Std. / Elect.**

**Encl:** As above

**Copy to :**

1. Secretary (Electrical), Railway Board, Rail Bhavan, New Delhi-110 001  
(Kind Attn: **Shri A.K. Goswami, DEE/RSRB**)-for information please.
2. (i) M/s Autometers Alliance limited, C-63, Sector-57, Noida-201 307
- (ii) M/s Medha Servo Drives Pvt Ltd, P-4/5B, IDA Nacharam, Hyderabad-500 076.
- (iii) M/s Laxven Systems, Plot No.188/A, Lane -I, Phase -II, Sector -III, IDA Cherapally, Hyderabad-500 051.

(A.K. Shukla)

**for Director General Std. / Elect.**

**Encl:** As above

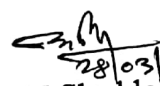
**Minutes of the meeting for Reliability of ESMON held at RDSO on 28/03/2018**

**Members Present:**

<b>RDSO</b>	<b>FIRMS</b>
1. ShriOmprakashKesari, PEDSE	1.Shri R.K.Singhal,AVP/R&D,M/s AAL
2. ShriA.K.Shukla, EDSE	2. Shri D.K. Maharana, Product Head,M/s AAL
3. ShriG.Meena, SSE/D/Elect.	3.Shri Vedprakash Gupta,Engineer,M/s AAL
<b>Railways</b>	4.Shri AnkurTiwari,AssistantManager,M/s AAL
1.Shri A.K.Hira, SEE/CLW	5.Shri SumitWahi,AccountHead,M/s AAL
2.Shri Kumar Sirvan, DEE/RS/CNB	6.Shri P.B.M. Krishna, Sr. Product Engineer, M/s Medha
3.A.K.Saini,ADE/RS/JHS	7. ShriNavneetkumar,Assistant Marketing, M/s Medha
4.Shri K.K.Yadav, SSE/CNB	8.Shri K.N.Anjaneyulu, Manager Marketing, M/s Laxven
5.Shri M.M.M. Kasgar, SSE/JHS	
6. ShriMithilesh Kumar Chaudhary, SSE/AJJ/SR	

A meeting was convened at RDSO to review the performance of ESMON for Electric Locomotives. The summary of the discussion are as under:-

1. Card failures are major contributors in all makes. Therefore vendors are requested to improve the quality of components and especially the cards.
2. ELS/CNB informed that sometimes they have observed issue of speed overshooting up to 180 KMPH, the issue will be checked jointly by M/s AAL & shed. The investigation report will be submitted to RDSO and CLW.
3. M/s Laxven make ESMON has problem of data downloading. Firm stated that they have changed the data downloading software & it is under observation. Report of same will be submitted to RDSO and CLW.
4. ELS/AJJ reported problem key pad software malfunction in Laxvan make ESMON. Firm should resolve the issue within a week.
5. ELS CNB stated that when locomotive is getting energized then problem of keypad software malfunction of M/s Medha make ESMON is observed sometimes. Firm was advised to visit the shed and submit joint investigation report.
6. RDSO advised all the firms to submit investigation report of failed cards which are being replaced.
7. M/s AAL and M/s Laxven have developed the new ESMON as per Rev 3 of specification of ESMON. Inspection call has been given to CLW and RDSO for testing the new system. CLW is requested to conduct inspection . M/s Medha stated that they will offer the system as per Rev.3 of specification within 3 month period.

  
28/03/18  
(A.K.Shukla)

**for Director General Std. / Elect.**

**Encl: Nil**