CENTRAL ELECTRONICS LIMITED

FIELD SERVICE REPORT FOR CEL MAKE MULTI SECTION DIGITAL AXLE COUNTER

Site visited from…… to ……Railway Zone……..Division……

Station yard / Block Section / IBS / ABS ……..Railway Line Type (RE/Non RE)……..

Date of commissioning…… Total No of DPs…….. Total Nos. of Track Sections……..

Total Nos of Central Evaluators…… System Status on arrival at site……

Problem Reported (Type of Error)……..

No. of resets in Past 03 Months with date and error ……

Date of Last Failure and Error code……

Details of failed track sensor …… and related MSDAC units……

DP No.	Field unit Sr. No.	MSDAC CE unit Sr. No.	DC –DC 210 Sr. No.	Reset Box Sr. no.	Earth value	Loop Resistance	IR Values in MΩ		
							L1-E	L2-E	L1-L2

Other Site Details (Technical Data about site)

*Installation near SSP(Y/N)…….if Yes then SSP distance from Loc. Box…….mtr, Axle Detector installed at curve (Y/N)……..

*Proper Earth Connection with system's indoor equipment (CEU, SM Panel, DC –DC 210, SVPD PDCU) (Y/N):.....

*Proper Earth Connection with system's outdoor equipment (SVPD, PDCU, Field Unit, location box) (Y/N) :.....

*Proper Earth Connection of armour of all cable at all location boxes / junction (Y/N) :.....

*Quad cable armour continuity is available (Y/N):……

*Track sensor type (web (hole) / clamp)…… Height of TX &RX(86mm)……

*Diode connected across repeater relays VPR and PPR (Yes/No)……., Type of VPR…, & PPR ……..

DP No.	INPUT V 40V-96V (IPS or Charger)	TX 21 30-40 Vrms/20.8 to 21.2Khz	TX 23 30-40 Vrms/22.8 to 23.2Khz	RX 21 275-600 mVrms (PM),	RX 23 275-600 mVrms (PM),	MODEM >250m Vrms	SCC1 2.0 to 2.5V	SCC2 2.0 to 2.5V	DC-DC CONVERTER			
									5V 4.75 to 5.25V	12V 11.50 to 12.50V	24V 23.50 to 24.50V	15 ISO 14.50 to 15.50V

Action Taken: ……

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Remark……

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Final Status of System (OK/Not Ok)……..as on Date……

Railway Representative:	CEL Representative:
Name: Designation: Signature with date: Contact Details:	Name: Designation: Signature with date: Contact Details:

Note: Attach Separate sheet if required.

Details of failed track sensor …… and related MSDAC units…….

DP No.	Field unit Sr. No.	MSDAC CE unit Sr. No.	DC –DC 210 Sr. No.	Reset Box Sr. no.	Earth value	Loop Resistance	IR Values in MΩ		
							L1-E	L2-E	L1-L2

Details of failed field unit

DP No.	INPUT V 40V-96V (IPS or Charger)	TX 21 30-40 Vrms/20.8 to 21.2Khz	TX 23 30-40 Vrms/22.8 to 23.2Khz	RX 21 275-600 mVrms (PM),	RX 23 275-600 mVrms (PM),	MODEM >250m Vrms	SCC1 2.0 to 2.5V	SCC2 2.0 to 2.5V	DC-DC CONVERTER			
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Railway Representative:	CEL Representative:
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