

Addendum & Corrigendum Slip No.3 - ,2019:

To Technical Specification No. TI/SPC/RCC/SCADA/0130 (Rev.2) for Supervisory Control and Data Acquisition System for 25 kV single-phase 50Hz ac traction power supply.

Reason of revision:	Addition of point address mapping for Numerical control logic relay (NCLR) developed for Automatic Phase Switching Section (APSS) for switching of power from adjacent TSS at Sectioning & Paralleling Post when Electric Locomotive negotiates 3 insulated over laps (IOL) sequentially provided in place of Neutral Section at SP or any desired location in 25kV ac Single Phase Traction System.
Date of issue:

Correct the specification No. TI/SPC/RCC/SCADA/0130 (Rev.2) with A&C Slip No.1 & 2 with following corrections.

Particulars	As amended
Annexure-4 Point address mapping	The given below is to be added in annexure-4

Numerical control logic relay (NCLR) for Automatic Phase Switching Section (APSS)

Sr .No	Alarm List	Type	SP/ DP	IOA	FUN	INF	SOURCE	No. of Relays	25kV	SUB URB
1.	Healthy/ Active	Alarm	SP	801	129	18			R	R
2.	LED Reset	Alarm	SP	802	129	19			R	R
3.	Local Parameter Settings (Change)	Alarm	SP	803	129	22			R	R
4.	BREAKER STATUS- 1 NC (open)	status	DP	804	129	24			R	R

5.	BREAKER STATUS- 1 NO (close)	status	DP		129	25	Numerical control logic relay (NCLR)	Per line one relay	R	R
6.	BREAKER STATUS- 2 NC (open)	status	DP	806	129	26			R	R
7.	BREAKER STATUS- 2 NO (close)	status	DP		129	27			R	R
8.	BREAKER STATUS- 3 NC (open)	status	DP	808	129	28			R	R
9.	BREAKER STATUS- 3 NO (close)	status	DP		129	29			R	R
10.	RELAY BYPASS ENABLE/DISABLE	Alarm	SP	810	129	30			R	R
11.	DLCR Fail	Alarm	SP	811	129	40			R	R
12.	VT- 1 HEALTHY	status	SP	812	129	32			R	R
13.	VT- 2 HEALTHY	status	SP	813	129	33			R	R
14.	Start/Pickup TRIP- CB- 1	Alarm	SP	814	130	64			R	R
15.	Start/Pickup TRIP- CB- 2	Alarm	SP	815	130	65			R	R
16.	Start/Pickup TRIP- CB- 3	Alarm	SP	816	130	66			R	R
17.	Start/Pickup VT- 1 DEAD	Alarm	SP	817	130	94			R	R
18.	Start/Pickup VT- 2 DEAD	Alarm	SP	818	130	95			R	R
19.	TRIP- CB- 1	Alarm	SP	819	129	123			R	R
20.	TRIP- CB- 2	Alarm	SP	820	129	124			R	R
21.	TRIP- CB- 3	Alarm	SP	821	129	125			R	R
22.	TRIP- VT- 1 DEAD	Alarm	SP	822	129	200			R	R
23.	TRIP- VT- 2 DEAD	Alarm	SP	823	129	201			R	R
24.	Reset CU/Start/Restart	Alarm	SP	828	129	4			R	R
25.	Measurand supervision I- 1	Measurand		829	129	148			R	R
26.	Measurand supervision I- 2	Measurand		830	129	148			R	R
27.	Measurand supervision I- 3	Measurand		831	129	148			R	R
28.	Measurand supervision V- 1	Measurand		832	129	148			R	R
29.	Measurand supervision V- 2	Measurand		833	129	148			R	R
30.	Switch-in Current- I-1	Measurand		834	129	149			R	R
31.	Switch-in Current- I-2	Measurand		835	129	150			R	R
32.	Switch-in Current- I-3	Measurand		836	129	151			R	R

33.	VT Voltage-V-1	Measurand		837	129	152			R	R
34.	VT Voltage-V-2	Measurand		838	129	153			R	R
35.	DLCR Bypass Enable/Disable	Command	DP	842	129	116			R	R
36.	CB1 open	Command	DP	843	127	123			R	R
37.	CB1 close	Command	DP		127	125			R	R
38.	CB2 open	Command	DP	845	131	135			R	R
39.	CB2 close	Command	DP		131	136			R	R
40.	CB3 open	Command	DP	847	131	141			R	R
41.	CB3 close	Command	DP		131	142			R	R

Note: Numerical control logic relay (NCLR) for Line 2 IOA 851 - 900

Numerical control logic relay (NCLR) for Line 3 IOA 901 - 950

Numerical control logic relay (NCLR) for Line 4 IOA 951 - 1000

FINAL DRAFT