SIGNAL DIRECTORATE

RESEARCH DESIGNS AND STANDARDS ORGANISATION

MANAK NAGAR, LUCKNOW - 226011

Title: Monthly Maintenance Schedule For HBL STCAS - RIU (Remote Interface Unit)

SN	Issue	Version	Reason of Amendment
1	First	1.0	First Issue

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Firm's Representative with Name Designation and Date	Railway Representative with Name Designation and Date
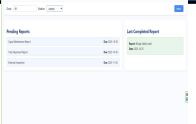
Monthly Maintenance Report — STCAS

Zone	Station	RIU No	RIU Equip No
ECR	DDUD	3244334	3244434

NMS

SI No	Description	Action Taken / Range	Observation	Remarks	Image
1	Ensure E1 network is always healthy and RIU communication is stable.		cvvvcvccccv		
2	Backup the Events & Fault data logs of RIU				
3	Ensure RIU inputs are operated				

POWER

SI No	Description	Action Taken / Range	Observation	Remarks	Image
1	Check the Voltage level at 230 v AC Mains input voltage to both the Battery chargers		cvvv	cvvcvv	
2	Check the working of the A/C input supply monitoring relay for both the channels of A/C 230 V supply input to RIU				
3	Check the Power voltages at Equipment End of Ch-A & Ch-B				
4	Check the mounting arrangementof Input fuse(If Any)				
5	Check the output Power Supplyvoltage for both Battery charger bank				
6	Check the connections of the diodes in the charging path from both the battery charger output to batteries.				
7	To check that RIU battery back up is available.				
8	Clean the Battery Charger and Batteries				
9	Check the voltages at Equipment end of INTERNAL (RIU) Supply				

SI No	Description	Action Taken / Range	Observation	Remarks	Image
10	Check the voltages at Equipment end of EXTERNAL				
11	Check the all wago fuse indications				