

Page 1 of 2	Effective from 21.01.2021	Document Title: Monthly Maintenance Schedule For HBL STCAS - RIU (Remote Interface Unit)	SIF-0552	Version 1.0
-------------	------------------------------	---	----------	-------------

**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

Prepared by:	Approved by:
G. Pavan Kumar ED/Tele-II R N Singh ADE/Signal-5 Ashutosh Chaubey SSE/Signal	Shaminder Singh PED/QA/S&T/RDSO

Firm's Representative with	Railway Representative with
Name Designation and Date	Name Designation and Date

# Monthly Maintenance Report — STCAS

Zone	Station	RIU No	RIU Equip No
ECR	Gomoh	544646	65446466

## NMS

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

## 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		gfhgh	gftrtt	
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				N/A N/A
3	Check the Power voltages at Equipment End of Ch-A & Ch-B				N/A N/A
4	Check the mounting arrangement of Input fuse(if Any)				N/A
5	Check the output Power Supply voltage for both Battery charger bank				N/A N/A
6	Check the connections of the diodes in the charging path from both the battery charger output to batteries.				N/A N/A
7	To check that RIU battery back up is available.				N/A
8	Clean the Battery Charger and Batteries				N/A
9	Check the voltages at Equipment end of INTERNAL (RIU) Supply				N/A

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