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| 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 |
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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: |
|--|---------------------------------|
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| Firm's Representative with | Railway Representative with |
|----------------------------|-----------------------------|
| Name Designation and Date | Name Designation and Date |
| | |

Monthly Maintenance Report — STCAS

| Parameter | Value |
|--------------|----------|
| Zone | ECR |
| Station | Gomoh |
| RIU No | 544646 |
| Equipment No | 65446466 |

| SI No | Description | Action Taken / Range | Observation | Remarks | Image |
|-------|---|----------------------|-------------|-------------|------------|
| 1 | Ensure E1 network is always healthy and RIU communication is stable. | | ghghghg | gbggfgfgfgf | N/A |
| 2 | Backup the Events & Fault data logs of RIU | | | | N/A |
| 3 | Ensure RIU inputs are operated | | | | N/A |
| 1 | Check the Voltage level at 230 v AC Mains input voltage to both the Battery chargers | | gfhgh | gfrtt | ' Image |
| 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 |
| 3 | Check the Power voltages at Equipment End of Ch-A & Ch-B | | | | 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 |
| 6 | Check the connections of the diodes in the charging path from both the battery charger output to batteries. | | | | 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 |
| 10 | Check the voltages at Equipment end of EXTERNAL | | | | N/A |
| 11 | Check the all wago fuse indications | | | | N/A |