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|-------------|------------------------------|--|----------|-------------|
| Page 1 of 2 | Effective from<br>21.01.2021 | Document Title:<br>Monthly Maintenance Schedule For HBL STCAS -<br>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:                    |
|--|---------------------------------|
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| 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. |                      | ghghghg     | gbggfgfgfgf | N/A<br>N/A |
| 2     | Backup the Events & Fault data logs of RIU                           |                      |             |             | N/A<br>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  | <a href="http://localhost/%201.JPG">http://localhost/%201.JPG</a><br> |
| 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<br>N/A   |
| 3     | Check the Power voltages at Equipment End of Ch-A & Ch-B  |                      |             |         | N/A<br>N/A   |
| 4     | Check the mounting arrangement of Input fuse (If Any)   |                      |             |         | N/A<br>N/A   |
| 5     | Check the output Power Supply voltage for both Battery charger bank   |                      |             |         | N/A<br>N/A   |
| 6     | Check the connections of the diodes in the charging path from both the battery charger output to batteries.       |                      |             |         | N/A<br>N/A   |
| 7     | To check that RIU battery back up is available.   |                      |             |         | N/A<br>N/A   |
| 8     | Clean the Battery Charger and Batteries   |                      |             |         | N/A<br>N/A   |
| 9     | Check the voltages at Equipment end of INTERNAL (RIU) Supply  |                      |             |         | N/A<br>N/A   |

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