

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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RESEARCH DESIGNS AND STANDARDS ORGANISATION
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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	Railway Representative with
Name Designation and Date	Name Designation and Date

Monthly Maintenance Report — STCAS

Zone	Station	RIU No	RIU Equip No
ER	Dankuni	766778	677

RIU_EQUIP

SI No	Description	Action Taken / Range	Observation	Remarks	Image
1	Clean the RIU Equipment and Check the communication status of the RIU COM1 & RIU COM2 Modules	To be free from dust, LEDs should be Glow/Blink PWR LED MHLT LED WHLT LED DATA1 LED DATA2 LED CH1/LINK1 LED CH2/LINK2 LED BMS LED CNS LED BHLT LED	hj gmn		
2	Check all Health Status LEDs, i.e RIU – FSC Module	LEDs should be Glow/Blink PWR LED SCS LED WHLT LED ADC LED MHLT LED			
3	Check the Power Supply Module -RIU	LEDs should be Glow/Blink PWR LED CAN LED ISO LED			
4	Visually examine all the cards are inserted properly and tighten the corresponding screws	Ensure the tightness of the cards			
5	Visually examine all PS, communication cables are tighten all the connections / Terminations / Wagoterminals	Ensure the tightness of the cables connectors			
6	Check the RIU Internal and External wirings	1. Check the firmness of wiring Connections from FSC module to Rly. FieldInputs. 2. Check the firmness of Communication cable connections between RIU communication to F M S Unit 3. Check the firmness of wiring connections between Battery Charger .			
7	Check the output Supply voltage of	The voltage			

SI No	Description	Action Taken / Range	Observation	Remarks	Image
	24 Volts charger provided for relay input wiring	measured should be approx. 21V - 29V DC.			
8	Check voltage from contacts of field input relays at terminals. wired to RIU.	The voltage on the terminals when the relay is picked up should be between 20 to 29V DC.			