

USER MANUAL FOR
RELIABILITY ACTION
PLAN FUNCTIONALITY AT
RDSO AND ELS MODULE

CRIS

Reliability Action Plan Functionality at RDSO and ELS Module

I. Introduction

Reliability Action Plan Functionality has been developed in RDSO Module at RDSO and ELS level:

- New RAP issued by RDSO will be visible to SLAM admin of concerned sheds.
- Admin will acknowledge the document and mark to concerned section.
- On implementation of document by section, job card will be fired to section as and when first job card is sent for any loco involved in RAP.
- Count of loco in RAP progress will update on shed out of the loco.

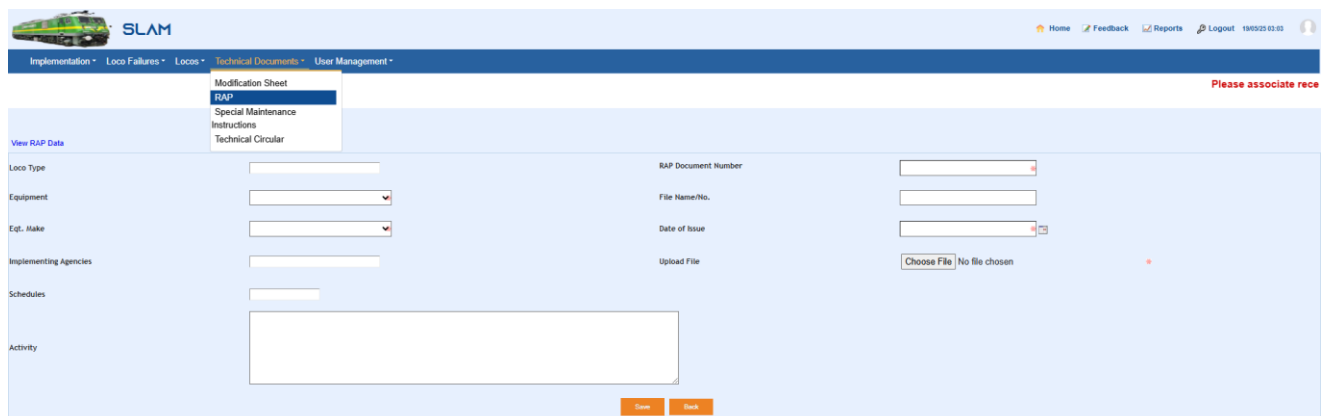
The detailed process flow for handling Reliability Action Plan Functionality at RDSO and ELS Module in the SLAM System is outlined as under :-

II. Process flow for handling Reliability Action Plan Functionality at RDSO Module

Login from RDSO:-

i. Creating Reliability Action Plan

- Go to 'RAP' under 'Technical Documents' menu.



The screenshot displays the SLAM system interface for creating a Reliability Action Plan (RAP). The top navigation bar includes 'Implementation', 'Loco Failures', 'Locos', 'Technical Documents', and 'User Management'. A dropdown menu is open under 'Technical Documents', showing options: 'Modification Sheet', 'RAP', 'Special Maintenance', 'Instructions', and 'Technical Circular'. The 'RAP' option is selected. The main form area contains several input fields: 'Loco Type' (text), 'Equipment' (dropdown), 'Eq. Make' (dropdown), 'Implementing Agencies' (text), 'Schedules' (text), 'Activity' (text area), 'RAP Document Number' (text), 'File Name/No.' (text), 'Date of Issue' (text), and 'Upload File' (button labeled 'Choose File' with 'No file chosen' below it). At the bottom right, there are 'Save' and 'Back' buttons. A red text prompt 'Please associate rece' is visible in the top right corner.

- Fill all fields, viz. select Loco type, equipment, equipment make, implementing

agencies, schedules, activity, fill RAP document number, file name/no., select date of issue, upload document, add activity description.

- Click on save button, “Are you sure you want to save the document?” Message will appear. Click on OK.
- “Saved Successfully” message will display with generated document ID.

Note- Multiple activities can be added to the RAP created (For any given combination of Locotype ,equipment and Make. For example, below RAP has been created with

Loco Type - WAG9, WAG9H, WAG9HC & WAP7

Equipment - SR

Eqt. Make - Medha

S.No	Activity	File No.	Document	Upload Date
1	RAP Testing SR, Medha, WAG9, WAP7	SLAM/CRIS/190525		19-05-2025

On entering above fields in ‘RAP’ page under ‘Technical Documents’ menu, existing RAP for this combination will populate in RAP field, now

- Select the RAP and corresponding ‘RAP Document Number’ will populate.
- Enter file name/ no., ‘Date of Issue’, Upload File and Activity, select Implementing Agencies and Schedules.
- Click on save. Confirmation message will display. Click on OK.
- Click on ‘View RAP Data’ link to view generated record.

- On entering above combination of Loco Type, Equipment & Eqt. 'RAP' page under 'Technical Documents' menu, activities created for existing RAP will appear as shown below

ii. View RAP Record

- Click on 'View RAP Data' link to view generated record.

- 'Reliability Action Plan: RAP' page will display . Enter required details viz. Doc.ID, Loco Type, Equipment Type, and click on 'go'.

- Relevant records will display.

Reliability Action Plan: RAP

Doc. ID: Loco Type: Equipment Type: Implementing Agencies: File No.:

From Date: To Date: 23/04/2025

S.No	DocNumber	Loco Type	Equipment Type	Sch Type	Implementing Agencies	File No.	AMNo	Issue Date	Upload Date	Activity	Doc Name	Download	Delete
21	RAP/BUR/ADT/1	WAG9,WAP7	BUR1(JGBT),BUR2(JGBT)	IC0, IA, IC, IB	ELS,Elst	RAP/BUR/ADT/1 file2	ADT	17/04/2025	17/04/2025	RAP/BUR/ADT/1 activity 2	17042025144526000672_RDSO Admin_O_Loco Inventory.pdf		
22	RAP/BUR/ADT/1	WAG9,WAP7	BUR1(JGBT),BUR2(JGBT)	IC0, IA, IC	ELS,Elst	RAP/BUR/ADT/1 file	ADT	17/04/2025	17/04/2025	RAP/BUR/ADT/1 ACTIVITY	17042025141235000099_RDSO Admin_O_Loco Inventory.pdf		
23	RAP/BUR/BHEL/1	WAG9,WAP7	BUR1(JGBT),BUR2(JGBT)	IA, IC, IB	ELS,Elst	RAP/BUR/BHEL/1FILE	BHEL	17/04/2025	17/04/2025	RAP/BUR/BHEL/1 ACTIVITY	17042025145713000123_RDSO Admin_O_Loco Inventory.pdf		
24	SLAM/CRIS/1	WAP7	BUR1(JGBT),BUR2(JGBT)	UnSch, IC0, IA, IC, IB, IOH, POH, TOH, HTR	ELS	SLAM/CRIS/1	CGL	23/04/2025	23/04/2025	Test	Help manual FOR UPDATING HOG STATUS IN SLAM 21 Apr 25.pdf		

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- Record can also be viewed in 'RAP Technical Data' sub-menu under 'Implementation' menu as shown in below screen shot.

RAP Technical Data

Technical Data Status

RAP Technical Data Status

New RAP Upload

Loco Type: Equipment Type: RAP Document Name:

S.No	Document Name	Issue Date	Activity Description	Total Sheds Involved	Acknowledged By Sheds	Total Locos Involved	Done	Pending
1	RAP/SR/ABB/1	14-05-2025	RAP/SR/ABB/1 ACTIVITY 1 HW UPDATE	15	1	281	0	281
2	RAP/SR/ABB/1	14-05-2025	RAP/SR/ABB/1 ACTIVITY 1 SW UPDATE	15	2	281	1	280
3	SLAM/CRIS/190525	19-05-2025	RAP Testing SR Medha WAG9 WAP7	39	3	1714	1	1713

III. Process flow for handling Reliability Action Plan Functionality at ELS Module

Login from ELSFH:-

New RAP issued by RDSO will be visible to SLAM admin of concerned sheds. Admin will acknowledge the document and send to concerned section.

Dashboard (19-04-2025 to 19-05-2025)

Pending RDSO(4) | Statistics | Forecast At a Glance | Operational | Failure At a Glance | Planning At a Glance | Section Equipment Position | Failure Tracking | FBR

Asset Failure(CMS) 0 Loco Holding Current Status:

SLAM

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Administration Alerts Bulletin Boards Condition Monitoring Corrections Documents IMMIS Jobcards Kavach Lab Loco Abnormalities Loco Failures Locos Machinery And Plant Measurement Master Memos(2) Movement Register MU Locos Notes(0) Planning POHMTR Preventive Maintenance RDSO Shop Floor Testing Beta User Management Wheel Measurements

Please associate recently added HRPT equipment with concern section and Locomotives.

Technical Data Implementation

Type: RAP From Date: 19/05/2025 Status: --AB--

S.No	RDSO Doc No.	Activity	File No.	Loco Type	Equipment Type	Sch Type	Implementing Agencies	Date of Issue	Upload Date	Document Status	Document	Section Status	Section Name
1	RAP/SR/ABB/1	RAP/SR/ABB/1 ACTIVITY 1 SW UPDA TE	RAP/SR/ABB/1/FILE	WAPS,WAP 7	Traction converter IGBT G9HH,Traction converter IGBT SIE G9HH,TRACTION CONVERTER (IGBT)	IA,IB,IC,ICD,IQH,ITR,POH,TOH,UnSch	ELS	14-05-2025	14-05-2025	Implemented	Ready To Implement	E4	
2	RAP/SR/ABB/1	RAP/SR/ABB/1 ACTIVITY 1 HW UPDA TE	RAP/SR/ABB/1/FILE	WAPS,WAP 7	Traction converter IGBT G9HH,Traction converter IGBT SIE G9HH,TRACTION CONVERTER (IGBT)	IA,IB,IC,ICD,IQH,ITR,POH,TOH,UnSch	ELS	14-05-2025	14-05-2025	Acknowledged	Ready To Implement	E5	
3	SLAM/CRIS/190525	RAP Testing SR Medha WAG9 WAP7	SLAM/CRIS/190525	WAP7	Traction converter IGBT G9HH,Traction converter IGBT SIE G9HH,TRACTION CONVERTER (IGBT)	COMMA,IA,IB,IC,ICD,IQH,ITR,POH,TOH,UnSch	ELS	19-05-2025	19-05-2025	Pending	Not Assigned	..	

- Click on 'pending RDSO' tab.
- Click on 'pending' link in 'document status' column against relevant RAP document.

SLAM

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Administration Alerts Bulletin Boards Condition Monitoring Corrections Documents IMMIS Jobcards Kavach Lab Loco Abnormalities Loco Failures Locos Machinery And Plant Measurement Master Memos(2) Movement Register MU Locos Notes(0) Planning POHMTR Preventive Maintenance RDSO Shop Floor Testing Beta User Management Wheel Measurements

cern section and Locomotives.

Technical Data Implementation

Type: SMI From Date: 20/05/2025 Status: --AB--

Close

Change Status From pending

Target Date: May 2025

S.No	docId	Loco Type	Equipment Type	RDSO Doc No.	Sch Type	File No.	Remarks	Document Status	Section Status	Document	Section Status	Section Name
1	SMI/987/CMSLAM	WAG7,WAG9,WAP4,WAP7,WAG9H,WAG9HC	GR,Traction Link	SMI/987/CMSLAM	UnSch, ICD, IA, IC, TI, IB, IOH, POH, TOH, MTR, IT	SMI/987/CMSLAM	test case rdsoc sml	Pending	Not Assig	Pending	Not Assigned	..

- 'Docs Status' window will pop out. Select section and 'target date' and click on 'save'.
- Document Status will change from 'pending' to 'acknowledged' and "Section Status" will be 'Pending'.

SLAM

Home Feedback Reports Logout 19/05/2025 01:15

Administration Alerts Bulletin Boards Condition Monitoring Corrections Documents IMMIS Jobcards Kavach Lab Loco Abnormalities Loco Failures Locos Machinery And Plant Measurement Master Memos(2) Movement Register MU Locos Notes(0) Planning POHMTR Preventive Maintenance RDSO Shop Floor Testing Beta User Management Wheel Measurements

Please associate recently added

Technical Data Implementation

Type: RAP From Date: Status: Pending

S.No	RDSO Doc No.	Activity	File No.	Loco Type	Equipment Type	Sch Type	Implementing Agencies	Date of Issue	Upload Date	Document Status	Document	Section Status	Section Name
1	RAP/SR/ABB/1	RAP/SR/ABB/1 ACTIVITY 1 SW UPDA TE	RAP/SR/ABB/1/FILE	WAPS,WAP 7	Traction converter IGBT G9HH,Traction converter IGBT SIE G9HH,TRACTION CONVERTER (IGBT)	IA,IB,IC,ICD,IQH,ITR,POH,TOH,UnSch	ELS	14-05-2025	14-05-2025	Implemented	Ready To Implement	E4	
2	RAP/SR/ABB/1	RAP/SR/ABB/1 ACTIVITY 1 HW UPDA TE	RAP/SR/ABB/1/FILE	WAPS,WAP 7	Traction converter IGBT G9HH,Traction converter IGBT SIE G9HH,TRACTION CONVERTER (IGBT)	IA,IB,IC,ICD,IQH,ITR,POH,TOH,UnSch	ELS	14-05-2025	14-05-2025	Acknowledged	Ready To Implement	E5	
3	SLAM/CRIS/190525	RAP Testing SR Medha WAG9 WAP7	SLAM/CRIS/190525	WAP7	Traction converter IGBT G9HH,Traction converter IGBT SIE G9HH,TRACTION CONVERTER (IGBT)	COMMA,IA,IB,IC,ICD,IQH,ITR,POH,TOH,UnSch	ELS	19-05-2025	19-05-2025	Acknowledged	Ready To Implement	E5	

Now Login from Section:-

- Section can see the pending RDSO RAP on the dashboard in the 'pending RDSO Tab' or in 'RDSO Menu' → RDSO Section view submenu option.
- Click on 'pending RDSO' tab.

- Click on 'pending' in 'status' column against relevant RAP document.
- Status will change from 'pending' to 'Ready To Implement'.

SLAM

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Administration * Bulletin Boards * Corrections * Documents * Jobcards * Locos * Memos(2) * Movement Register * Notes(0) * Preventive Maintenance * Shop Floor * User Management *

Please associate recently added HRPT equ

Status --All-- Go

S.No	DocNumber	Doc.ID	Technical Name	Date of Issue	Remarks	Document	Status
1	RAP/SR/ABB/1	RDSO /RAP/2	RAP	5/14/2025 12:00:00 AM	RAP/SR/ABB/1 ACTIVITY 1 HW UPDATE		Pending
2	SLAM/CRIS/190525	RDSO/RAP/3	RAP	5/19/2025 12:00:00 AM	RAP Testing SR Medha WAG9 WAPF7		Ready To Implement

Back

- On implementation of document by section, job card will be fired to section as and when first job card is send for any loco involved in RAP.
- Section will acknowledge and complete the Job card.
- After completion and verification of job cards, PPIO will outward the loco.
- Count of loco in RAP progress will update on shed out of the loco.
- ELSFH can see the updated count in RDSO → Compliance Summary menu.

SLAM

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Administration * Alerts * Bulletin Boards * Condition Monitoring * Corrections * Documents * IMMS * Jobcards * Kavach * Lab * Loco Abnormalities * Loco Failures * Locos * Machinery And Plant * Measurement Master * Memos(0) * Movement Register * MU Locos * Notes(0) * Planning * POHMTR * Preventive Maintenance * RDSO * Shop Floor * Testing Beta * User Management * Wheel Measurements *

Please associate rece

View RDSO Checks

Type Status Section From To

RAP --All-- 19/05/2025 19/05/2025 on

S.No	RDSO Doc Number	Action To Be Done	Section	Loco Type	Equip Type	Issue Date	Target Date	Total	Done	Pending
1	SLAM/CRIS/190525	RAP Testing SR Medha WAG9 WAPF7	Electrical	WAGH1,WAGPHC	TRACTION CONVERTER(IGBT)	19/05/2025	27/05/2025	132	1	131

Showing 1 record(s) out of 1