

USER MANUAL FOR ASSET
FAILURE INVESTIGATION
FLOW

CRIS

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Asset Failures (ICMS) Module – Flowchart

I. Introduction:

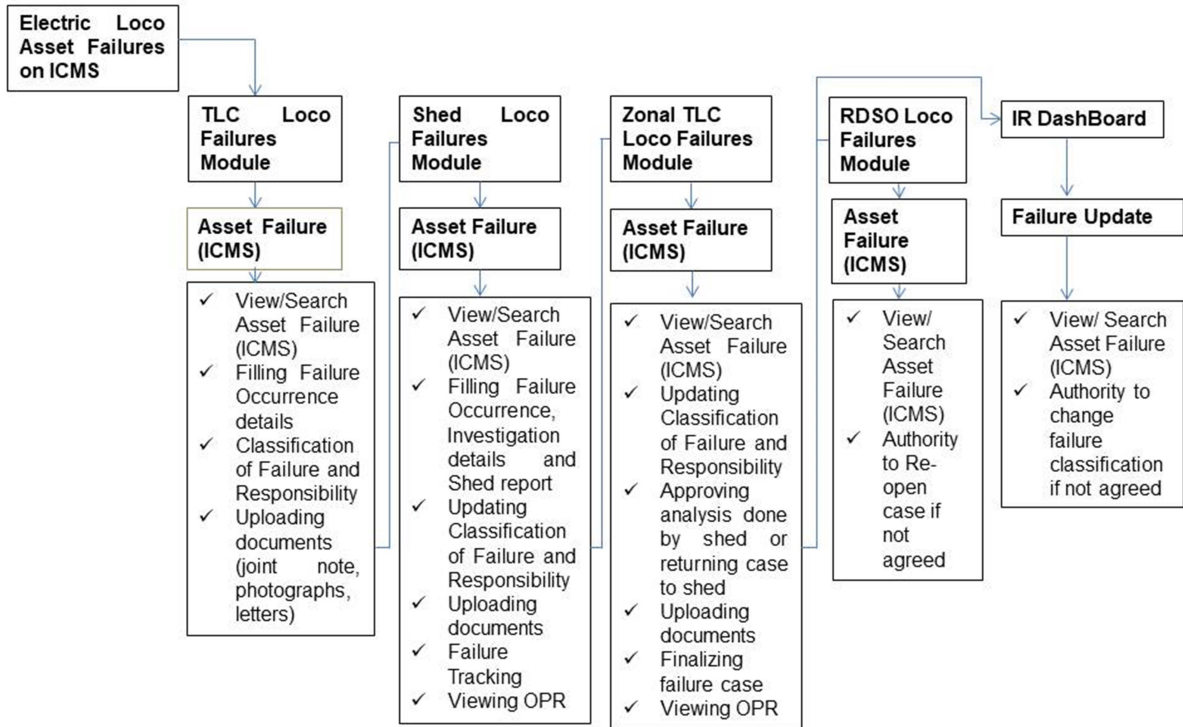
The process of managing electric locomotive failures involves the integration of the ICMS application to get all Asset Failures (ICMS) reported w.r.t. loco. Same asset failure data seamlessly available in Asset Failure Module in the SLAM system for further classification and investigation. Asset failure classification is conducted at three levels:

- i. Territorial Traction Loco Controller (TLC),
- ii. Electric Loco Shed,
- iii. Zonal Head Quarter TLC,

Zonal HQ has the authority to review and update failure classifications or return cases to the shed if disagreements arise. Zonal HQ is final authority to close the Asset failure based on investigation reported by TLCs/Shed. Additionally, the RDSO may reopen cases for further analysis, and the Railway Board holds the ultimate authority to review failure classifications and responsibility. Functionality of asset failure review has been given under:

- i. RDSO Module
- ii. RB Module

The detailed process flow for handling asset failures in the SLAM system is outlined in subsequent sections.



I. Territorial Traction Loco Controller (TLC):

1. Loco failures navigation menu

- Click on "Loco Failures" side menu and select "Asset failures (ICMS) Territorial" navigation menu.
- Application allows the user to view the Asset failures by entering the Loco number and other relevant details in the "Managing Asset failures page".
- On clicking "GO" button, the details are displayed in a tabular format.

S.No.	Date	Sub Heading	Loco No.	Train No.	Reported At	Major Section/Div	Minor Section/Div	Equip. Report	Action Plan	Brief Finding	Classification of Case	Name By	Equipment
1	26/12/2024 09:25 AM	ELTG	31596/306201		NR/DLI	UMB-ANDI	KUN	CFCS-BGTN LOCO NO. 31596-31196 LOCO TROUBLE BET BZJT-KUN B/SEC CLEAE 09.50 SUFF T.NP58,12011			Yet To Be Classified	ECR/DNN/PTFX	Update
2	26/12/2024 04:27 AM	ECRW	30445/0967		NR/DLI	NZA-NZA	NZA	GPS Last updated at RLK on 25-Dec-2024 17:59:28			Yet To Be Classified	NR/DLI/GZBE	Update
3	26/12/2024 04:25 AM	ECRW	30336/0967		NR/DLI	NZA-NZA	NZA	GPS Last updated at NDLs on 26-Dec-2024 01:47:27 ORG remark : LOCO IS REPORTING			Yet To Be Classified	WCR/KOTA/TDOE	Update
4	26/12/2024 12:49 AM	ECRW	30624/0965		NR/DLI		NDLs	CLOSE remark : GPS Last updated at ESKR on 25-Dec-2024 15:20:10 ORG remark : SWITCHED_OFF			Yet To Be Classified	ECR/DNN/GAODE	Update
5	26/12/2024 12:41 AM	ECRW	29129/0967		NR/DLI		ANYT	GPS Last updated at SPJD on 24-Dec-2024 13:24:59			Yet To Be Classified	NR/DLI/GZBE	Update
6	25/12/2024 08:50 PM	ECRW	27300/0967		NR/DLI	NDLs-NDLs	NDLs	GPS Last updated at YR on 24-Dec-2024 18:49:19			Yet To Be Classified	NR/DLI/GZBE	Update
7	25/12/2024 07:59 PM	ECRW	30178/0965		NR/DLI	NDLs-NDLs	NDLs	FOR CREW DDL/CMLK-60041			Yet To Be Classified	NR/UMB/SREE	Update
8	25/12/2024 07:50 PM	ECRW	60541/096338		NR/DLI	JND-SSB	ROK				Yet To Be Classified	NR/UMB/SREE	Update
9	25/12/2024 05:49 PM	ECRW	27075/0967		NR/DLI	DLI-DLI	DLI	GPS Last updated at KCB on 24-Dec-2024 20:22:28			Yet To Be Classified	ECR/DNU/DDUX	Update
10	25/12/2024 05:43 PM	ECRW	30143/0965		NR/DLI	ROK-ROK	ROK	GPS Last updated at GZBE on 24-Dec-2024 09:16:19			Yet To Be Classified	NR/DLI/GZBE	Update
11	25/12/2024 05:32 PM	ECRW	30146/0965		NR/DLI	NDLs-NDLs	NDLs	GPS Last updated at CH on 20-Dec-2024 18:59:38			Yet To Be Classified	NR/DLI/GZBE	Update
12	25/12/2024 04:46 PM	ECRW	31046/0967		NR/DLI	NDLs-NDLs	NDLs	GPS Last updated at ORJ on 24-Dec-2024 05:11:13			Yet To Be Classified	ER/HHN/HHHE	Update
13	25/12/2024 12:49 AM	ECRW	35022/0965		NR/DLI		NZA	CLOSE remark : GPS Last updated at GZB on 25-Dec-2024 04:24:11 ORG remark : SWITCHED_OFF			Yet To Be Classified	NR/DLI/GZBE	Update
14	25/12/2024 12:48 AM	ECRW	30123/0965		NR/DLI		DLI	CLOSE remark : GPS Last updated at DLI on 25-Dec-2024 14:37:49 ORG remark : SWITCHED_OFF			Yet To Be Classified	NR/DLI/GZBE	Update
15	25/12/2024 12:30 AM	ELFG	27884/0967		NR/DLI	JND-SSB	ROK	JH-ETW 27884 LOCO FAILED BY TLC DUE TO SPARKING ON LOCO PROVIDED ANOTHER LOCO 60440			Yet To Be Classified	ER/ASN/ASNL	Update
16	25/12/2024 12:29 AM	ECRW	30645/0967		NR/DLI		NDLs	CLOSE remark : GPS Last updated at null ORG remark : ECRW			Yet To Be Classified	WR/BRC/BRCE	Update
17	25/12/2024 12:19 AM	ECRW	30480/0967		NR/DLI		ANYT	CLOSE remark : GPS Last updated at ESKR on 25-Dec-2024 03:32:55 ORG remark : ECRW			Yet To Be Classified	NR/DLI/GZBE	Update
18	25/12/2024 12:12 AM	ECRW	20135/0965		NR/DLI		DEE	CLOSE remark : GPS Last updated at DEE on 25-Dec-2024 18:42:57 ORG remark : ECRW			Yet To Be Classified	NR/DLI/GZBE	Update
19	25/12/2024 12:03 AM	ECRW	31236/0967		NR/DLI		ANYT	CLOSE remark : GPS Last updated at CH on 23-Dec-2024 20:46:01 ORG remark : ECRW			Yet To Be Classified	NR/DLI/GZBE	Update
20	25/12/2024 12:02 AM	ECRW	22620/0924		NR/DLI		JND	CLOSE remark : GPS Last updated at JND on 24-Dec-2024 12:02:43 ORG remark : ECRW			Yet To Be Classified	NR/DLI/TDOD	Update

2. Update Asset failures:

- Click on "Update" link to update line failures details.

3. "Update Line failures" page is shown.

a. By default "Occurrence" tab shall be visible

Update Line Failure

Defect Type: ELTG
 Type: WAG9H1
 Occurrence On: 26/12/2024 09:25
 Loco Unit: 31596
 Last Visit: 31/07/2024 - ELSDB/PTFX

Defect Description of Occurrence: [Empty text area]

Train No: [Empty]
 Direction: [Empty]
 Wagns / Coaches: (No)
 Service Withdrawal: [Empty]
 Section KM/Mast No: [Empty]

ICMS Remarks: CFCS-BGTN LOCO NO. 31596-31196 LOCO TROUBLE BET BZJT-KUN B/SEC CLEAE 09.50 SUFF T.NP58,12011

Line Attention Taken (To be filled by TLC): [Empty text area]

- Remark on “Line Attention taken”, “punctuality loss” and “Loco Condition” to be filled up by TLC which are mandatory fields.
- Other optional fields available on this page to TLC to update if find relevant.

b. Go to next tab “Investigation”

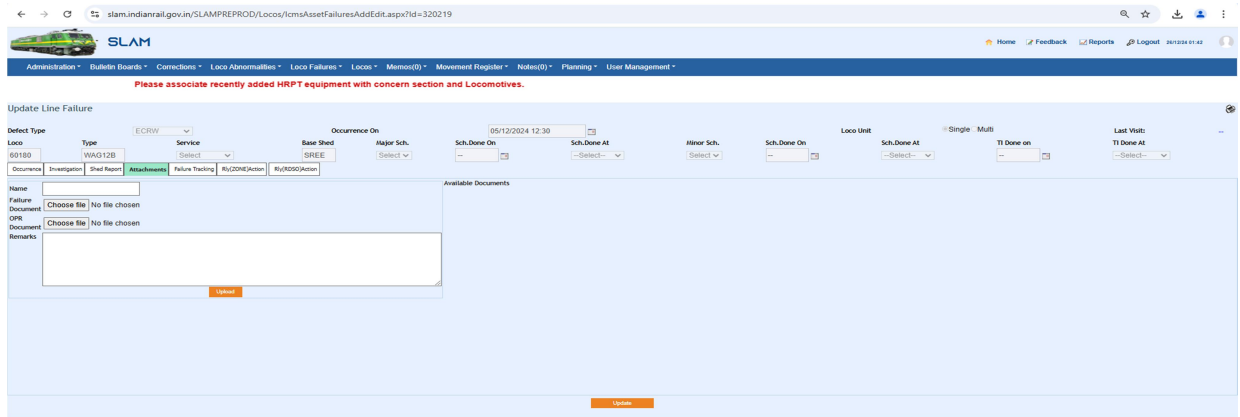
The screenshot shows the 'Update Line Failure' form in the SLAM system. The 'Classification' dropdown menu is open, and a red circle highlights it. The form includes fields for Defect Type (ECRW), Loco (60180), Type (WAG12B), Service, Base Shed (SREE), Occurrence On (05/12/2024 12:30), Major Sch., Sch. Done On, Sch. Done At, Minor Sch., Sch. Done On, Sch. Done At, Loco Unit, Single/Multi, Last Visit, and TI Done At. The 'Classification' dropdown is currently set to 'Failure Responsible' and is open to show options: 'Yet To Be Classified', 'Crew/Loco Operation', 'Loco', 'Stalling', 'Traffic/chronomgry logged', and 'Yet To Be Classified'.

- Select option in ‘Classification’ field from drop down list.

The screenshot shows the 'Update Line Failure' form in the SLAM system. The 'Failure Responsible' dropdown menu is open, and a red circle highlights it. The form includes fields for Defect Type (ECRW), Loco (28726), Type (WAG7), Service, Base Shed (VTAD), Occurrence On (04/12/2024 23:00), Major Sch. (TOH), Sch. Done On (27/09/2023), Sch. Done At (ELSD / VTAD), Minor Sch. (IB), Sch. Done On (28/11/2024), Sch. Done At (ELSD / VTAD), Loco Unit, Single/Multi, Last Visit (IB- 26/11/2024 - ELSDVTD), and TI Done At. The 'Failure Responsible' dropdown is currently set to 'Failure Responsible' and is open to show options: 'Crew/Loco Operation', 'GPS Defective', 'No RAP available', 'Crew Availability / Long Hrs.', 'Crew Management', 'Crew skill', 'Goods loco work on Coaching trains', 'GPS Defective', and 'Loco Management'.

- In ‘Failure Responsible’ field, drop down list will populate as per the ‘classification’ selected for the asset failure.
- Select from drop down list

c. Go to next tab "Attachments "

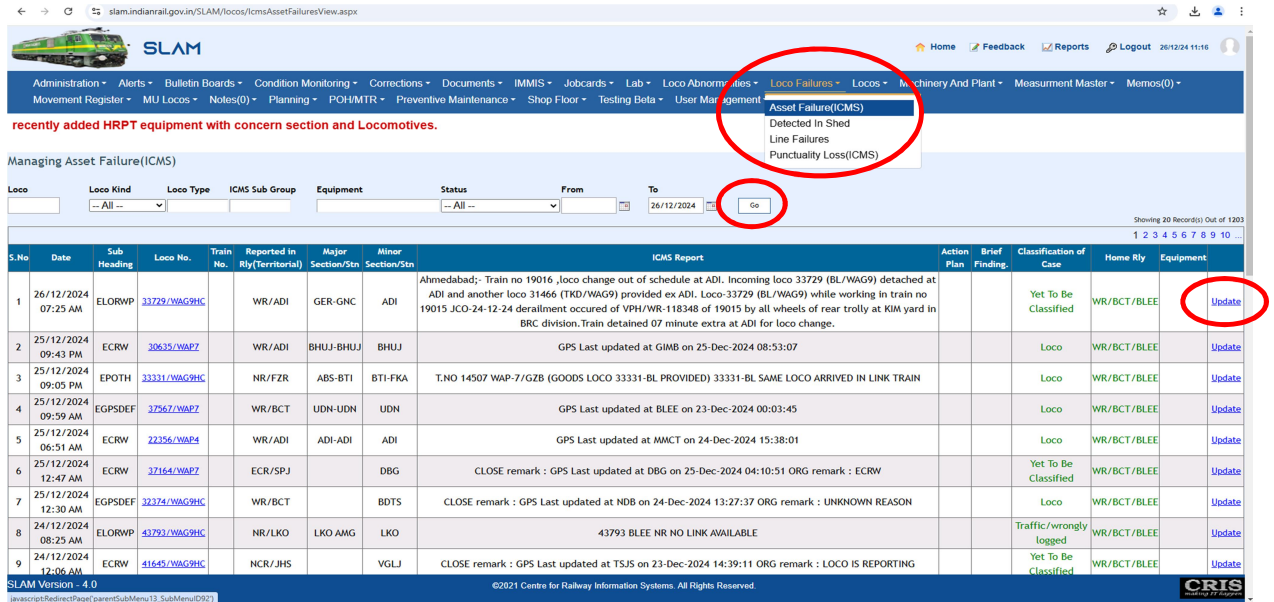


- Upload relevant documents to attach i.e. joint note, photographs, letters etc. related to selected asset failure.
- Click on update.

II. Electric Loco Shed:

1. Loco failures navigation menu

- Click on "Loco Failures" side menu and select "Asset failures (ICMS)" navigation menu.
- Application allows the user to view the Asset failures by entering the Loco number and other relevant details in the "Managing Asset failures (ICMS)" page.
- On clicking "GO" button, the details are displayed in a tabular format.



2. Update Asset failures:

- Asset failures which have not been classified by either TLC or Shed are shown as "yet to be classified" and needs to be updated by all concern.
- User updates the required information by clicking on "Update" link.

3. "Update Line failures" page is shown.

a. By default "Occurrence" tab shall be visible for reporting:

The screenshot displays the 'Update Line Failure' form in the SLAM application. The 'Occurrence' tab is highlighted with a red circle. The form includes the following fields and sections:

- Defect Type:** ELORWP
- Occurrence On:** 26/12/2024 07:25
- Loco Unit:** Single/Multi
- Last Visit:** IC-17/12/2024 - ELS/BLEE
- Loco:** 33729
- Type:** WAGSHC
- Service:** BLEE
- Base Shed:** BLEE
- Major Sch.:** Select
- Sch. Done On:** --
- Sch. Done At:** --Select--
- Minor Sch.:** IC
- Sch. Done On:** 17/12/2024
- Sch. Done At:** ELS / BLEE
- TI Done on:** --
- TI Done At:** --Select--

ICMS Remarks:

Ahmedabad:- Train no 19016 loco change out of schedule at ADI. Incoming loco 33729 (BL/WAGS) detached at ADI and another loco 31466 (TKD/WAGS) provided ex ADI. Loco-33729 (BL/WAGS) while working in train no 19015 JCO-24-12-24 derailment occurred of VPH-WR-118348 of

Update

- Click on button after updating the necessary details.
- The given information is updated accordingly.

b. Go to next tab "Investigation"

The screenshot shows the 'Update Line Failure' form in the SLAM system. Key fields include:

- Defect Type:** ECRV
- Loco:** 30440
- Occurrence On:** 05/12/2024 15:08
- Loco Unit:** Single-Mult
- Classification:** Loco
- Failure Responsible:** -Select-

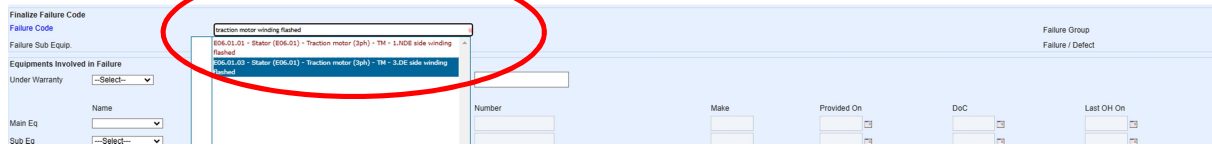
 A dropdown menu for 'Failure Responsible' is open, listing various categories such as 'Loco', 'Shed St', 'Defective Design', 'Defective Maintenance By Firm', 'Defective Maintenance By Shed', 'Defective Maintenance By Shop', 'Defective Manufacture', 'Defective Material By Firm', 'Defective Material By Shed', 'Defective Material By Shop', 'Lack of Material', 'Material Under Trial', 'Miscellaneous/ Others', 'No Trouble', 'Normal(Checked & found normal(CFN))', 'POH Shop', and 'TRANSIENT'.

- Update the necessary details.
- 'Classification' field from drop down list is mandatory (If not filled by TLC or Shed can change the classification reported by TLC)
- Accordingly In 'Failure Responsible' field, drop down list will populate based on selected failure classification as shown below

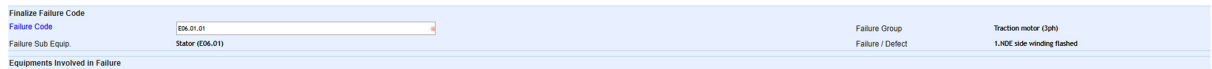
The image displays four examples of how the 'Failure Responsible' dropdown is populated based on the selected 'Classification':

- Classification:** CrewLoco Operation → **Failure Responsible:** CrewLoco Operation
- Classification:** Traffic/wrongly logged → **Failure Responsible:** Bad Weather, Cattle Run Over(CRO)/External Hitting, Miscraent/Sabotage Activity, No Trouble, S&T Dept, Sch/TT Over Due
- Classification:** Loco → **Failure Responsible:** Defective Design, Defective Maintenance By Firm, Defective Maintenance By Shed, Defective Maintenance By Shop, Defective Manufacture, Defective Material By Firm, Defective Material By Shed, Defective Material By Shop, Lack of Material, Material Under Trial, MISC, No Trouble, Normal(Checked & found normal(CFN)), TRANSIENT
- Classification:** Stalling → **Failure Responsible:** Stalling

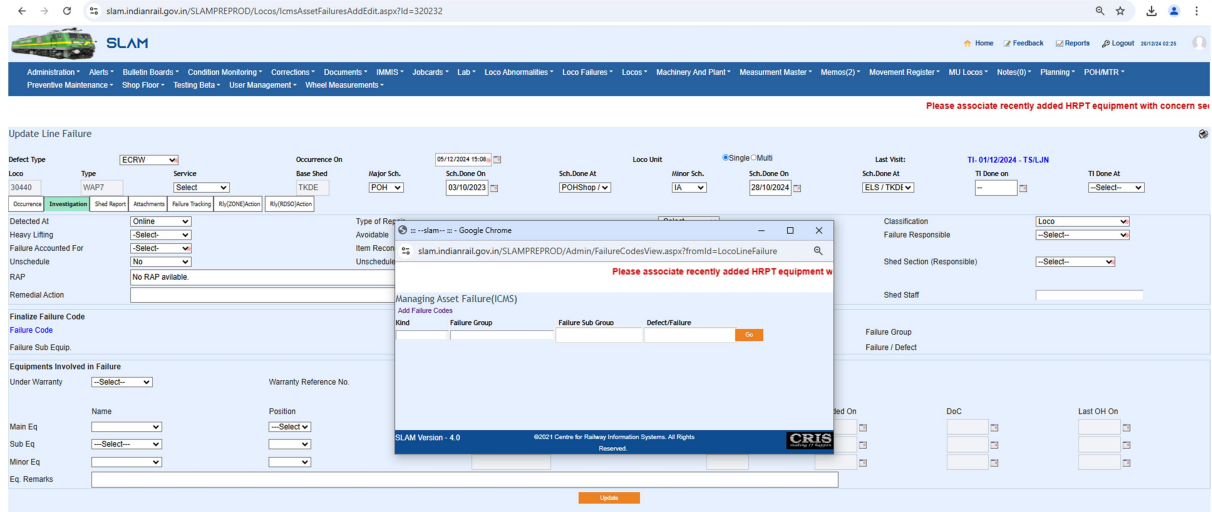
b.1 In case of “Loco” classification selected by user, relevant Failure code to the asset failure also required to fill.



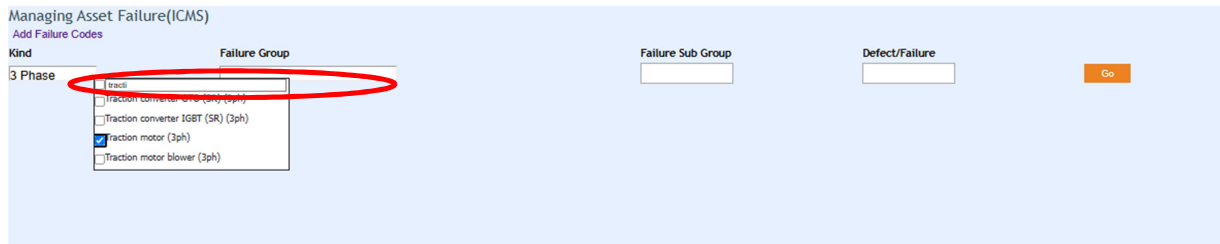
- **Keyword search** has been enabled for filtering failure code pertaining to equipment group, sub-group and defect type, to establish root cause.



- On selecting the failure code from searched options, relevant fields like equipment group, sub-group and defect/failure gets filled accordingly.



- In case of failure classified on ‘loco account’, Failure Code can be searched by clicking on ‘Failure Code’ link. A new window will open.



- Select loco kind, search for failure group by typing key words in field as shown above and select equipment by ticking from drop down list.
- After clicking on “Go”, all failure codes will be displayed in tabular format as shown below.

Managing Asset Failure(CMS)

Add Failure Codes

Roll: 3 Phase Failure Group: Traction motor (3ph) Failure Sub Group: Defect/Failure

S.No	Shed Code	Occ	Failure Group	Failure Sub Group	Failure/Defect	S.M Item Cg	S.M Sub Cg	Added By	Delete
1	ED6.01.01	3-Phase	Traction motor (3ph)	Stator (ED6.01)	1.HDE side winding flashed	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
2	ED6.01.02	3-Phase	Traction motor (3ph)	Stator (ED6.01)	2.NDE side stator and rotor rubbed	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
3	ED6.01.03	3-Phase	Traction motor (3ph)	Stator (ED6.01)	3.DE side winding flashed	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
4	ED6.01.04	3-Phase	Traction motor (3ph)	Stator (ED6.01)	4.Phase to phase winding resistance diff.	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
5	ED6.01.05	3-Phase	Traction motor (3ph)	Stator (ED6.01)	5.Earth Fault in Stator winding	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
6	ED6.01.06	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6.L/L V/W terminal (Ln, Bsc) flashed/cut	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
7	ED6.01.07	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6. Inter turn Short	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
8	ED6.01.08	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6.2 Rubbing of coils due to uneven coil geometry	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
9	ED6.01.09	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6.3 Brazing failure	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
10	ED6.01.10	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6.4 Poor binding of coils in overhang	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
11	ED6.01.11	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6.5 Rubbing due to Ring-to-coil link formation	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
12	ED6.01.12	3-Phase	Traction motor (3ph)	Stator (ED6.01)	6.6 Winding earthed in slot	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
13	ED6.01.13	3-Phase	Traction motor (3ph)	Stator (ED6.01)	7.Oil Ingress in Tail	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
14	ED6.01.14	3-Phase	Traction motor (3ph)	Stator (ED6.01)	8.Keeping temperature	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
15	ED6.01.15	3-Phase	Traction motor (3ph)	Stator (ED6.01)	9. Misc.	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
16	ED6.01.15	3-Phase	Traction motor (3ph)	Stator (ED6.01)	Misc	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
17	ED6.01.16	3-Phase	Traction motor (3ph)	Stator (ED6.01)	10. TEMP SENSOR PROBE HOLE DIFF	Traction Motor G9P7	TM TEMP SENSOR	CRIS	🗑
18	ED6.01.17	3-Phase	Traction motor (3ph)	Stator (ED6.01)	Stator body crack / Mech Damages (Reqd. to add in Stator)	Traction Motor G9P7	Traction Motor G9P7	CRIS	🗑
19	ED6.01.02	3-Phase	Traction motor (3ph)	Rotor (ED6.02)	2. Rotor overheated on DE side	Traction Motor G9P7	TM ROTOR G9P7	CRIS	🗑
20	ED6.01.17	3-Phase	Traction motor (3ph)	Rotor (ED6.02)	3.Rotor end ring / shrink ring/stampings-overheated	Traction Motor G9P7	TM ROTOR G9P7	CRIS	🗑

- Copy relevant code from 'shed code' column (as shown above) and paste in Failure Code field under investigation tab

slam.indianrail.gov.in/SLAMPREPROD/Locoms/cmsAssetFailuresAddEdit.aspx?id=320232

SLAM

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

Update Line Failure

Defect Type: ECRW

Loco: 30440 Type: WAP7 Service: Select Base Shed: TKDE Major Sch.: POH Occurrence On: 05/12/2024 15:08 Sch.Done On: 03/10/2023 Sch.Done At: POHShop Loco Unit: IA Minor Sch.: IA Single / Multi: Single Last Visit: TI-01/12/2024 - TS-LIN Sch.Done At: ELS / TKDE TI Done on: -- TI Done At: --Select--

Occurrences: Investigation Shed Report Attachments Failure Tracking R1/R201E/Action R1/R205/Action

Detected At: Online Type of Repair: Avoidable Classification: Loco

Heavy Lifting: --Select-- Failure Accounted For: --Select-- Failure Responsible: --Select--

Unschedule: No Item Reconciled: No Unschedule Work in Sch: No Shed Section (Responsible): --Select--

RAP: No RAP available.

Remedial Action: --

Shed Staff: --

Finalize Failure Code

Failure Code: ED6.01.16 Failure Group: Traction motor (3ph)

Failure Sub Equip.: Stator (ED6.01) Failure / Defect: 10. TEMP SENSOR PROBE HOLE DIFF

Equipments Involved in Failure

Under Warranty: --Select-- Warranty Reference No.: --

Name	Position	Number	Make	Provided On	DoC	Last OH On
Traction Motor G	--Select--					
Sub Eq	--Select--					
Minor Eq	--Select--					
Eq Remarks	TM TEMP SENSOR					

Update

- On filling Failure Code, Main Equipment field will automatically populate and drop down list will populate in 'Failure Sub Equip' and Position field.

c. Go to next tab "Shed Report"

slam.indianrail.gov.in/SLAMPREPROD/Locoms/cmsAssetFailuresAddEdit.aspx?id=320232

SLAM

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

Update Line Failure

Defect Type: ECRW

Loco: 30440 Type: WAP7 Service: Select Base Shed: TKDE Major Sch.: POH Occurrence On: 05/12/2024 15:08 Sch.Done On: 03/10/2023 Sch.Done At: POHShop Loco Unit: IA Minor Sch.: IA Single / Multi: Single Last Visit: TI-01/12/2024 - TS-LIN Sch.Done At: ELS / TKDE TI Done on: -- TI Done At: --Select--

Occurrences: Investigation Shed Report Attachments Failure Tracking R1/R201E/Action R1/R205/Action

ICMS Remarks

GPS Last updated at LIN on 05-Dec-2024 12:33:49

Log Book Details: Yes Prev Failure Details

Investigation Remarks: --

Action Plan Existing: Yes Action Plan: --

Shed Report After Investigation: --

Update

- Detailed shed investigation needs to be filled under **“investigation remarks”** which will be published in other dashboards at a glance.
- Click on update button after updating the necessary details.
- The given information is updated accordingly.

Go to next tab “Attachments” tab’

- Fill **‘Name ‘and ‘Remarks’** field.
- Upload multiple documents relevant to asset failure investigation to attach and click on update.

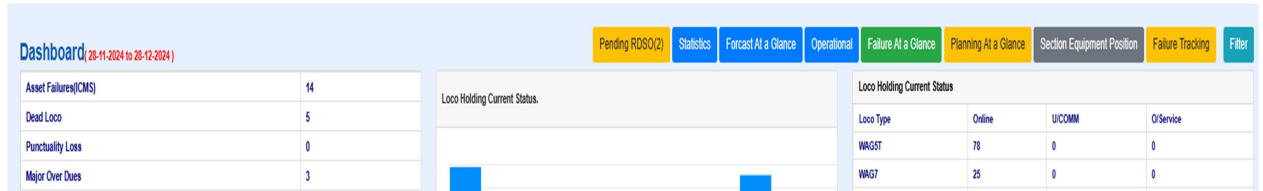
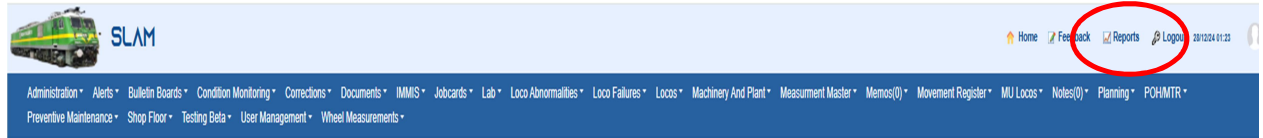
d. Go to next tab “Failure Tracking”

Date	From	To	User Action Taken
12/26/2024 3:00:05 PM	SA	M5HR	
12/26/2024 2:59:02 PM	PPRO	LAB	
12/26/2024 2:57:19 PM	SA	M5NSP	

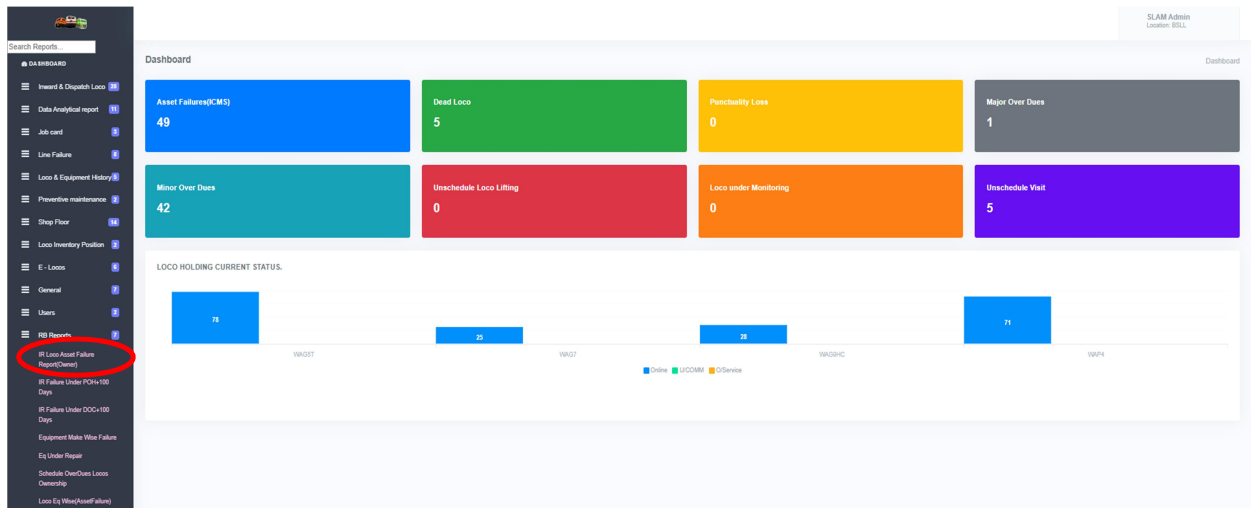
- Failure Tracking Details can be viewed
- Click on button after updating the necessary details.
- User receives successful message; the given information is updated accordingly.

4. Viewing OPR

- Click on "Reports" in shed Dashboard



- Click on "IR Loco Asset Failure Report" as shown below



- Report will generate accordingly.

Failure Source: Asset Failure(CMS) Defect Type/CMS SubCode: ALL Loco kind: ALL Loco Type: ALL Status: ALL OPR: ALL Loco No: ALL Punctuality Loss: ALL Equipment: All Equipment Classification: ALL Failure Responsibility: ALL Analysis Status: Under Analysis Failure ID: Enter Failure ID

From Date: 27-12-2024 To Date: 28-12-2024

IR Loco Asset Failure Report

Electric Loco Shed

FAILURE CONV.& 3PHASE LOCO

DATE: Sat Dec 28 2024 12:24:18 GMT+05:30 (India Standard Time)

PERIOD: From: 27-12-2024 TO: 28-12-2024

SI No.	Failure Id	Loco No.	Train No.	Reported in Rly	Reported in Div	Date of Failure	ICMS Failure	Detail of Yst After Failure	Shed Classification	Failure Responsibility	Func. Loss	Detention Time(Minute)	Occurrence	Last Major / Last Minor	Equipment	Equip. Make	Failure / Defect	Investigation Remarks	Essential Action	OPR(Uploaded by User)	OPR (generated by System)	Attachment	
1	4472070	30889		WCR	ADI	28/12/2024	EL0821P		Yet To Be Classified		25	Aborted:-Train no 22971. Loco change out of schedule at ADI as train running with Non-HPPT loco-30889 (BIL/TKDE) Hence Non-HPPT loco detached at ADI and HPPT loco-4193 (OST/TKDE) provided as ADI train resumed 15 minute after at ADI.	IC-10/12/24								NA		NA
2	4470998	22817		SEK	KOP	27/12/2024	EC05W		Yet To Be Classified		0	CLOSE remark: OPR Last updated at ELP5 on 27-Dec-2024 17:21:45 OPR remark: EC05W	IC-08/27/24 IC-10/12/24								NA		NA

Showing 1 to 2 of 2 entries Previous Next

➤ Click on download icon under “OPR (generated by System)” column, OPR will be generated as shown below

Electric Loco Shed - TKDE

One Page Failure Report

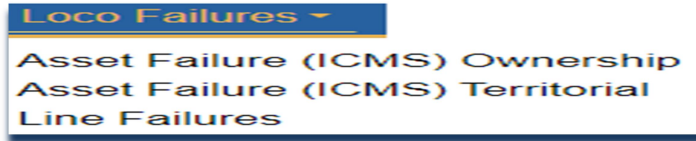
Generated By/At: supriya
28-12-2024 13:52:43

Loco Details	
1. Date of Failure:	28/12/2024
2. Loco No:	51027
3. Coaching/Freight:	Freight
4. Railway:	WCR
5. Last trip done:	No
6. Punctuality Loss:	40
7. Last Minor SCH Name/Date:	IB-01/11/24
Type failure :	ICMS/ELFG
Loco Kind:	3 Phase
DOC:	03/07/2023
Shed:	TKDE
Last trip place/Date:	----
Detention(in Mint):	40
Last Major SCH Name/Date:	--
Failed Section/Div/Zone:	MPO-DDU/DDU/ECR
Loco Type:	EF9K
Classification:	Yet To Be Classified
Responsibility:	--
Equipment Details	
8. Failed Equip. Name:	--
9. Serial no. of Equipment:	--
10. Sub Equipment:	--
11. Sub assembly:	NA
12. Component/Minor Parts:	NA
13. Nature Of Failure:	NA
Make:	--
DOC Of Equipment:	--
Make:	--
Make:	NA
Warranty Status:	NA
Type/Version:	NA
Type/Version:	NA
Type/Version:	NA
Failure Report & Analysis & Investigation Data	
14. Modification status:	NA
15. Brief Reason:	"DDU- CHPG/51027 (BASE-TKD) ARRIVED INTER YARD LINE NO. - 2 AT 03:50 HRS & POWER FAILED AT 04:30 HRS DUE TO CP-1 ISOLATE. REP:- CHPG DETAINED AT DDU."
16. TLC Remarks:	EX-TORI/ANH TRAIN ARRIVED DDU INTER YD L.N.02 AT 03:55 HRS WITH PRE INFO OF DEFECTS THAT CP-01 ISO, MCB 47. 1/1 TRIP TLC/DDU GIVEN NOMINATION TO UP/DY CNL LOCO MAY BE DETACH AT DDU YARD. INTER YD CHASER TRY TO NORMAL MCB 47. 1/1 BUT NOT SUCCESS TLC/LKO NOT ACCEPT SAME CONDITION. SO LOCO DETACHED AT 05:00 HRS & OUT 05:05 HRS. LOCO ARRIVED O/SHED B/LINE AT 06:00 HRS. OTHER LOCO 8464/JMP + 43349/SYH ON LOAD AT 05:25 HRS. O/G LP CTO AT 05:30 HRS & GIVEN READY 05:45 HRS & DEP 05:50 HRS.
17. Finding(Investigation Remarks):	
18. Action Taken(Shed Report):	
19. Reliability Action Plan(if any):	
20. HQ Remarks:	
Date :	28/12/2024
	Sr DEE

III. Head Quarter TLC

I. Asset Failures (ICMS) ownership

Click on asset failures (ICMS) ownership under Loco failures



It shows the records of one particular division (Home shed) ICMS Failures which can be updated in that particular division.

View Asset Failure (ICMS) Ownership

Loco Loco Kind Loco Type ICMS Sub Group Status Zone(Territorial) Division(Territorial) Shed(Ownership) From To

 -- All -- --Select-- --All-- -- All -- --All-- --All-- --All--
 09/01/2023

Enter all the required details and click on “go” option. By default , It shows asset failure on ownership for user zone.

II. Update Asset failures:

View Asset Failure (ICMS) Ownership

Loco Loco Kind Loco Type ICMS Sub Group Status Zone(Territorial) Division(Territorial) Shed(Ownership) From To

 -- All -- --Select-- --All-- -- All -- --All-- --All-- --All--
 09/01/2023

Showing 20 Record(s) Out of 46

S.No	Date	Sub Heading	Loco No.	Train No. Rly(Territorial)	Major Section/Stn	Minor Section/Stn	ICMS Report	Action Plan	Brief Finding	Classification of Case	Home Rly	Equipment
1	08/01/2023 04:00 AM	ONCR	23351/VVAG5	DFCC/EDFC	SJTN-SJTN	SJTN-SJTN	KN-22/23351/3557 TRAIN IS CONTROLLED DUE TO SLOW RECEPTION BY IR SJT			Yet To Be Classified	WCR/JBP/NKJ(D)	Update
2	08/01/2023 03:15 AM	ELFG	23887/VVAG5T	NR/DLI	JIND	JIND	MKS/FBD POWER NO-23887+23639 AFTER PASSING STR STOP THE LOAD AND LOCO TROUBLED REP 19803/ 12138 SUFFERD			Yet To Be Classified	WCR/JBP/NKJ(D)	Update
3	07/01/2023 06:15 PM	ECRW	27114/VVAG7	NWR/BKN	KSI	KSI	TKD WITH DSL 27114 AT KSI, FOR CREW, FROM 18/15 TO 00/00 HRS.			Yet To Be Classified	WCR/JBP/NKJ	Update
4	07/01/2023 10:25 AM	ELTG	23786/VVAG5	NER/BSB	GKC-CPR	CPR	DN AZA/23786+23668/NKJ/13/2 CPR arrived at 10.25 out at 13.10.detained due to power trouble U1, U2, A3 mitter not working and VCD isolated fault in 2nd LOCO while DJ holding same attached by CLI.			Yet To Be Classified	WCR/JBP/NKJ(D)	Update

➤ Click on “Update” link to update line failures details.

III. "Update Line failures" page is shown.

➤ Click on “Rly(Zone)Action” tab to update

Update Line Failure

Defect Type: ECRW
 Loco: 39170, Type: WAP7, Service: Select, Occurrence On: 28/12/2024 09:58, Base Shed: HWHE, Major Sch: TOH, Sch.Done On: 15/04/2023, Sch.Done At: ELS / HWH, Loco Unit: IC, Single: Multi, Last Visit: TI: 27/12/2024 - TSHWH, TI Done on: --Select--, TI Done At: --Select--

Classification: Loco (selected)
 Railways (ZONE) Action: [Empty]
 Failure Responsible: --Select--
 HO Failure Remark: [Empty]
 Analysis Completed Analysis Not Required
 Save
 Update

➤ Update 'Classification' if required

Update Line Failure

Defect Type: ELP
 Loco: 30099, Type: WAG9HC, Service: Select, Occurrence On: 05/12/2024 10:30, Base Shed: QZBE, Major Sch: Select, Sch.Done On: --Select--, Sch.Done At: --Select--, Loco Unit: IC, Single: Multi, Last Visit: IC: 06/11/2024 - ELS/QZBE, TI Done on: --Select--, TI Done At: --Select--

Classification: Loco (selected)
 Railways (ZONE) Action: [Empty]
 Failure Responsible: [Dropdown menu open with options: Defective Design, Defective Maintenance by Firm, Defective Maintenance by Foreign shed (other than home shed), Defective Maintenance by Shed, Defective Material By Shop, Defective Material By Firm, Defective Material By Shed, Defective Material By Shop, Lack of Material, Material Under Trial, Miscellaneous/ Others, No Trouble, Normal/Checked & found normal(CFN), POH Shop, TRANSIENT)]
 HO Failure Remark: [Empty]
 Analysis Completed Analysis Not Required
 Save
 Update

- Update 'failure responsible' accordingly
- Update Zonal TLC Remarks in "HQ Failure Remark".
- Click on **Analysis Complete** or **Analysis not required** as the case may be to close the Asset failure
- Click on **Save**.
- After save '**Update**' will be changed to '**View**' as shown below.

Managing Asset Failure(ICMS)

Loco: [Empty] Loco Kind: [Empty] Loco Type: [Empty] ICMS Sub Group: [Empty] Equipment: [Empty] Status: [Empty] From: [Empty] To: 01/03/2024

Showing 20 Record(s) Out of 1075

S.No	Date	Sub Heading	Loco No.	Train No.	Reported in Rty (territorial)	Major Section/Str	Minor Section/Sta	ICMS Report	Action Plan	Brief Finding	Classification of Case	Home Rty	Equipment
1	16/10/2023 09:11 AM	EPFSTN	30799/WAP7		SER/CKP	TATA-GMH	TATA	T/NO.12262 EXP TATA ARRIVAL AT 09:11HRS./I/C LOCO NO.30799 (AJNI) DETAINING AT 09:15HRS.DUE TO LOCO TROUBLE AND FRESH LOCO NO.30594 TATA EOT AT 09:23HRS.HOG READY AT 09:28HRS.P/R. AT 09:34HRS, DEP-09:40HRS.LOCO TROUBLE FROM KGR.TATA D/E NO.745.REP-12262 EXP LOSS 20".			Loco	CR/NGP/AQE	Update
2	15/10/2023 06:20 PM	ECRW	31408/WAG9H		NWR/BKN	BKN-SOG	SOG	E/BOXN LOCO NO-31408 WAITING FOR CREW AT SOG FROM 18/20 TO 20/50 HRS.			Yet To Be Classified	CR/NGP/AQE	Update
3	14/10/2023 08:36 PM	ELTP	32575/WAP7		NR/LKO	PBH-NEWC	SWPR-CHH	At 20:36 TM 11071/37575/AJNI IOH 13/08/23. Dn reported loco trouble, informed by LP in 11071 Dn in block section between SWPR-CHH . Informed to TLC/CNL train stopped at 20:36, LP attended, rectified and moved from site at 20:50 hrs. Panto down it self. TM-Pankaj Kumar Srivastava/BSB.M. no 9794833693			Yet To Be Classified	CR/NGP/AQE	Update
4	13/10/2023 11:47 PM	ELTP	30772/WAP7		NR/UMB	SGNR-RPJ	BTI	T.No-12138 DN BTI arrived 23:47 Hrs line No-04 DSL power 23:55 Hrs EP 30772 WAP-7 AQ IA 29/9 TI 10/10 POT 00:05 Hrs pressure not ready CLI/BTI attended P/Ready 00:22 Hrs, train departure 00:26 Hrs wrong configuration, train 14.Min extra.			Yet To Be Classified	CR/NGP/AQE	Update

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- In case shed analysis is not acceptable, then update failure classification to “yet to be classified” and case will be returned to shed.

Update Line Failure

Defect Type: --Select-- Occurrence On: 15/10/2023 22:21

Loco: 31098 Type: WAG9H Service: Select Base Shed: AQE Major Sch.: IOH Sch.Done On: 04/10/2023 Sch.Done At: ELS / AQE Minor Sch.: IC Sch.Done On: 02/06/2023 Last Visit: IOH- 04/10/2023 - ELS/AQE

Classification: Yet To Be Classified Railways (ZONE) Action: Failure Responsible: --Select--

Zonal Remark: TEST

Analysis Completed Analysis Not Required

Save

- Click on **Save**.

IV. RDSO-(Authority to change failure classification)

Click on “Asset failures” report under “Loco failures” menu

Enter all required filters and click on “Go” button.

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Administration * Implementation * Loco Failures * Loco * Technical Documents * User Management *

Managing Asset Failure(ICMS)

Loco Kind: Loco Type: ICMS Sub Group: Equipment: Status: From: To: 26/10/2024

S.No	Date	Sub heading	Loco No.	Train No.	Reported in Rly(Territorial)	Major Section	Minor Section	ICMS Report	Action Plan	Brief Finding	Classification of Error	Home Rly	Equipment
1	05/12/2024 01:24 PM	EGSPDEF	30138/WAP5		NWR/BKN	SSA-SSA	SSA	GPS Last updated at HSR on 05-Dec-2024 08:55:39	reported to crs	slm not mapped	Crew/Loco Operation	NR/DLJ/GZBE	View
2	05/13/2024 09:26 AM	EGSPDEF	22210/WAP4		NWR/JJ	JU-JJ	JU	GPS Last updated at AXO on 04-Dec-2024 12:10:52	Nil	GPS Last updated on 04-12-24 at 12:11 hrs in RTIS Portal with Status other Issues. GPS might haven't updated due to either ACB Off or Loco Stalled. There is no loco trouble.	Stalling	WR/ADI/VYAD	View
3	04/12/2024 12:10 PM	ELFG	43196/WAG9HC		SER/CKP	JSG-ROU	JSRY	N/MGAT WITH LOCO NO-43196/38161 (BSPE) JSRY L/NO-12 ARRIVED AT 12:10 HRS, GIVEN LOCO TROUBLE, FINALLY LOCO MARK TR AT 15:10 HRS.			Loco	SECR/BSF/BSPE	View
4	03/12/2024 07:00 AM	ECRW	31870/WAG9HC		SECR/BSF	CPH-JHG	RIG	*ASSET FAILURE: Train detained at RIG due to T/O outback. *DURATION: 7:00hrs to 10:30hrs. *REP: UP: 1) 7:00hrs to 9:15 for N/STDN, 2)7:15hrs to 9:30hrs for N/NSPN, 3)7:30hrs to 10:10hrs FOR N/STDV, 4)8:00hrs to 10:20hrs for N/ATPK, DN: 1)T/O-3:30hrs to 6:15 for BO/SEBO 2)9:30hrs to 9:40hrs for BGN/DKGN, 3)8:00hrs to 10:00hrs for N/E, 4)8:15hrs to 9:45hrs for N/E, 5)8:15hrs to 10:00hrs to KRL.			Crew/Loco Operation	SECR/R/BIAE	View
5	03/12/2024 12:45 AM	ECRW	31870/WAG9HC		SECR/BSF	CPH-JHG	RIG	*ASSET FAILURE:Pilot crew not provided by RIG lobby. *DURATION 00:45hrs to 7:15hrs. *REP: 1)T/O-00:45hrs to KOTR for N/JSPP, 2)T/O-00:45hrs to PISE for BBN/DWV, 3)T/O-3:15hrs to HNB for N/INFC.			Crew/Loco Operation	SECR/R/BIAE	View
6	02/12/2024 07:00 PM	ECRW	31396/WAG9H		SECR/BSF	USL-CLF	PND	*ASSET FAILURE:The following T/O not provided by PND lobby: 1) T/O 19:00 hrs (02 set) UP AND DN 2) T/O 21:00 hrs (02 set) pilot to MBPJ, 3) T/O 21:45 hrs (02 set) pilot to MBPJ, 4) T/O 00:15 hrs (02 set) pilot to CLF, 5) T/O 1:00 hrs pilot to MBPJ, 6) T/O 1:00 hrs pilot to CLF. *DURATION: 19:00 hrs to 23:55 hrs. *REP: UP and DN trains movement hampered badly, N/MBPJ detained at PND, N/HSPG shut down at VNS, BBN/KUB shut down at JTL.			Crew/Loco Operation	SECR/R/BIAE	View
7	29/11/2024 12:40 AM	ECRW	38494/WAG9HC		ECR/SPJ	HNE-SHC	BHB	CREW DEMANDED RPK FERT AT BHB AT 00:40 FOR 02:50 CREW PROVIDED 03:30 IC FAILED.			Crew/Loco Operation	NR/NR/MLDD	View
8	28/11/2024 12:27 AM	ECRW	22756/WAP4		NWR/AII	AJL	AJL	CLOSE remark : GPS Last updated at on null ORG remark : LOCO IS REPORTING	Not Applicable	No Unusual occurrence reported in Loco. Wrongly logged by Traffic in ICMS.	Traffic/wrongly logged	NER/IZN/IZNE	View
9	27/11/2024 12:47 AM	ECRW	22510/WAGST		NER/BSB		BUI	CLOSE remark : GPS Last updated at GDDX on 26-Sep-2024 17:26:32 ORG remark : SWITCHED_OFF			Traffic/wrongly logged	NER/LIN/GDDE	View
10	27/11/2024 12:44 AM	ECRW	37121/WAP7		SER/CKP		TATA	CLOSE remark : GPS Last updated at ELPT on 27-Nov-2024 09:33:40 ORG remark : ECRW			Traffic/wrongly logged	SER/CKP/TATE	View
11	27/11/2024 12:27 AM	ECRW	22855/WAP4		ECOR/KUR		PURI	CLOSE remark : GPS Last updated at PURI on 27-Nov-2024 14:57:29 ORG remark : LOCO IS REPORTING			Traffic/wrongly logged	SER/KGP/SRCE	View
12	27/11/2024 12:22 AM	ECRW	22934/WAP4		SER/KGP		HWH	CLOSE remark : GPS Last updated at HWH on 27-Nov-2024 14:57:06 ORG remark : ECRW			Traffic/wrongly logged	SER/KGP/SRCE	View
13	27/11/2024 12:18 AM	ECRW	22641/WAP4		ECR/DNR		PPTA	CLOSE remark : GPS Last updated at RRL on 27-Nov-2024 04:50:59 ORG remark : ECRW			Traffic/wrongly logged	NER/LIN/GKPL	View
14	27/11/2024 12:16 AM	ECRW	22637/WAP4		SER/KGP		HWH	CLOSE remark : GPS Last updated at HWH on 27-Nov-2024 14:57:45 ORG remark : LOCO IS REPORTING			Traffic/wrongly logged	SER/KGP/SRCE	View

- Report shall display all the finalised asset failures by Zone, for the period selected.
- Click on “View” link to review the case and further update, if required.
- For re-opening the case again for investigation go to “Rly(RDSO)Action” tab.

slam.indianrail.gov.in/SLAMPREPROD/Locos/cmsAssetFailuresAddEdit.aspx?Id=320228

SLAM

Home Feedback Reports Logout 20/12/24 04:11

Administration Implementation Loco Failures Locos Technical Documents User Management

Please associate recently added HRPT equipment with

Update Line Failure

Defect Type: ECRW

Loco: 30014

Type: WAPS

Service: Select

Base Shed: GZBE

Occurrence On: 05/12/2024 14:53

Major Sch.: POH

Sch.Done On: 14/03/2023

Sch.Done At: POHShop

Loco Unit: IC

Minor Sch.: IC

Sch.Done On: 14/10/2024

Single Multi: Single

Last Visit: TI - 02/12/2024 - T.S.PRYJ

Sch.Done At: ELS / GZBE

TI Done on: --

TI Done At: --Select--

Occurrences Investigation Shed Report Attachment Failure Tracking RI/ZONE/Action **RI/RDSO/Action**

Railways (RDSO) Action

RDSO Remarks for Re-open the case

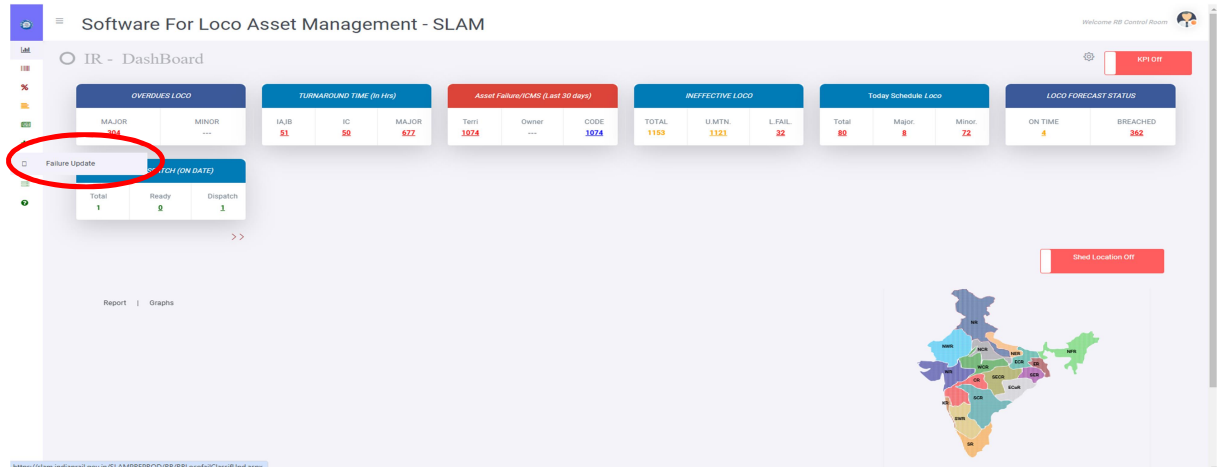
Save

- Enter remarks and Click on **“Case Re-open”**.
- User receives save successful message.

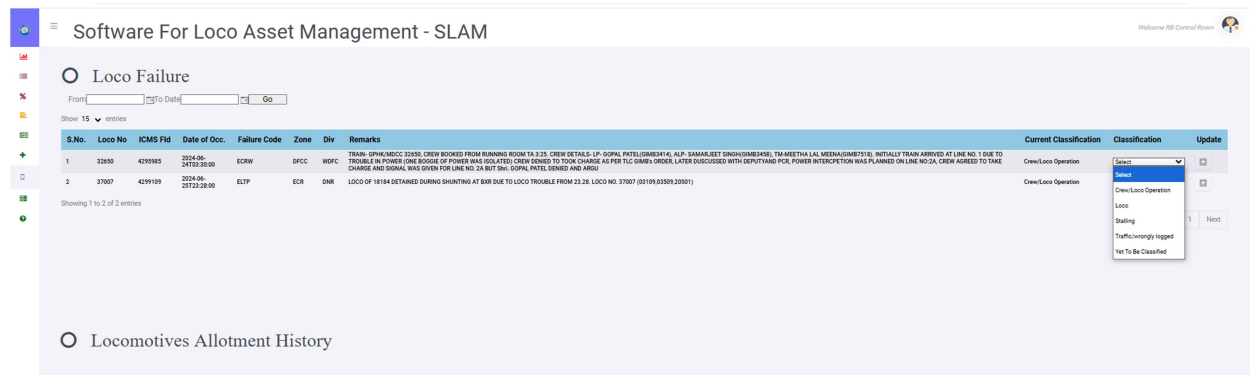
V. Railway Board:

Railway board has given the Authority to change failure classification.

Click on “Failure update” menu



- Select date range and click on “go”
- List of all finalised asset failure data shall be displayed.



- User can update loco classification by selecting suitable classification if required and Click on “update” for saving the modified classification.
- Message ‘online defect is to be updated with Loco classification. Are you sure?’ will display, press OK.
- Message ‘ICMS failure has been successfully updated with Loco’ will display.

-----X-----X-----