



MOVEMENT REGISTER USER MANUAL

V1.1

INTRODUCTION

This document is mainly for the Movement activities of PPO and contains the module navigation menu and process flow pages. Each process flow or operation is described with page layout with steps of operation for each data element.

-CRIS TEAM

User manual for PPO Movement



By

CRIS

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MOVEMENT REGISTER

PPIO supervisor is responsible for all the activities carried out in PPIO section. Following are the activities that are managed by PPIO supervisor:

1. Schedule and Unscheduled Maintenance
2. Traffic Spare
3. General check-up and
4. Additional Schedule.

To perform the above activities loco has to be taken for Inward. Following are the Steps/Sequence by the user to accept /receive a loco.

1. Click this URL <http://122.175.41.15:9131/SLAMPROD/Login.aspx> to open the SLAM web application.
2. Login as PPIO supervisor using Valid Credentials.
3. Below are the detailed steps to be followed.

1. Loco Inward: To Receive Loco for a Maintenance



- Select Movement Register menu from Main Screen.
- Select Loco Inward Sub menu from Movement Register menu.
- Loco Inward page is displayed.
- Enter basic data like Loco Shed, Loco Number, Purpose, Received By, Previous Visit Info, Arrival Condition, Failure Info, Inward Time, Present Meter Readings and Remarks.

Movement Register -navigation menu

Note: When Loco comes to shed for Schedule/Unscheduled maintenance/Traffic Spare/General checkup, Register loco as Inward, it could be Home or Foreign.

Loco Inward

Select Loco Shed Home Foreign

Loco: 30440

Purpose

Type	Select	Schedule	Due	Revised
Sch	<input checked="" type="radio"/>	IC-Minor	--	28/03/2021
Un Sch	<input type="radio"/>	SPL		
	<input type="radio"/>	TS		
	<input type="radio"/>	GC		
Out Station	<input type="radio"/>	Additional Schedule		

Received Through: Direct Inform to TLC

TLC Remarks : --

Previous Visit Info: Purpose: OR
 Inward On: 02/11/2019 09:30
 Outward On: 02/11/2019 15:00

Arrival Condition: Working Partially working LE Dead

Failure Info: Nil

Inward On: 27/10/2021 10:25

Meter	Present Inward	Last Outward
Energy(KWH)	0	0
Regeneration(KWH)	0	0
SPM(KM)	906529	906529

Inward Remarks: Loco Inward taken.

Note: Completed-Green, Skipped-Red, Additional Sch- YellowGreen

S.No	Sch	Kind	Sch.Seq	Days	Comp.On
1	IA	Minor	0	360	19/02/2017
2	IB	Minor	0	450	21/05/2017
3	IC	Minor	0	540	01/09/2017
4	IB	Minor	0	0	16/03/2018
5	IA	Minor	0	630	22/11/2017
6	TOH	Major	0	720	25/04/2018
7	IA	Minor	0	810	03/08/2018
8	IB	Minor	0	900	17/11/2018
9	IC	Minor	0	990	18/03/2019
10	IA	Minor	0	1080	08/07/2019
11	IB	Minor	0	1170	25/09/2019
12	IC	Minor	0	1260	05/01/2020
13	IA	Minor	0	1350	16/05/2020
14	IOH	Major	0	1440	29/06/2020
15	IA	Minor	0	1530	29/09/2020
16	IB	Minor	0	1620	28/12/2020
17	IC	Minor	0	1710	
18	IA	Minor	0	1800	
19	IB	Minor	0	1890	
20	IC	Minor	0	1980	
21	IA	Minor	0	2070	
22	IB	Minor	0	2160	
23	TOH	Major	0	2250	

Loco Inward

➤ Select Loco Shed Type as Home or Foreign.

Home – Current Location loco Shed

Foreign – Other than Home Shed

Loco may visit/come to Shed with various purposes like in below table:

Maintenance Type	Schedule	Purpose Description	Available options	Remarks
Schedule	IA-Minor	Planned	Current	Loco comes for scheduled maintenance. If needed current schedule can be skipped.
	IB-Minor			
	IC-Minor			
	IOH-Major			
	POH-Major			
	TOH-Major			

	AOH - Major			
Un Schedule	SPL	Special	Select any One Radio Button in SPL Purpose Options i.e., 1. Development/Modification 2. Failed / Defect 3. Casual Check-up	Loco comes for an unscheduled maintenance
	TS	Traffic Spare		Temporary stay for Locos
	GC	General Checkup		Loco comes for a general check-up.
Additional Schedule				When the major schedule cannot be done, loco can be taken for Additional Schedule like IA, IB, IC or TI
Out Station	OR			When a loco is on track some failure occurred than nearby loco shed person goes to check the repair of that loco than we call as Outstation repair

- Select the purpose for loco visit.
- “Received Through” value, by default is “Direct”. Inform to TLC check box option helps that loco inward information directly appears in TLC loco movement.

a. Additional Schedule:

Here any schedule irrespective of the pre-defined order can be taken for a particular loco

If "Inform To TLC" check box is checked that Loco Inward Information will appear in TLC Loco Movement where user can update the information if required.

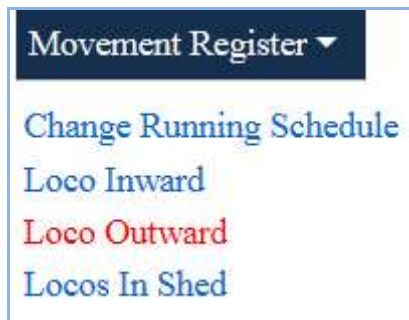
Once the Outward is done at ELS location Loco status will change to “Under TLC Attention” in Loco Master until the Outward is done at TLC . Once Outward is done at TLC then status will change to “In Use”.

- Arrival condition by default system selects “Working”. Any other condition PPIO user must select any one of the below failures option.
 1. Partially working
 2. LE (Light Engine)
 3. Dead
- On “failure option” selection, Line failure link appears. To fill the failure details, click on the link.
- “Inward on” by default system fills the current date. If needed, system allows to change it to any previous date.

- Fill 'Readings details' and 'Inward remarks'.
- On right side of the page Loco Schedule details are shown in a tabular format with color codes. For Color Legend details refer Loco Inward color legend table.
- Once all the required details are entered click on the **Save** button. "Loco Inward Successful" message displays.
- Once the Loco is taken for inward, it will be automatically added into "Wait for Inspection" status in Loco Schedule Status page.

2. Loco Outward:

When all the completed job cards are returned to PPIO section, and once the PPIO technician verifies the status of job cards, the loco status is changed to ready to make the Loco outward.



Movement Register navigation menu -

- Click on "Movement Register" side menu and select "Loco Outward" navigation menu.
- "Loco Outward" page is displayed.

Loco Outward

Dispatch Details		Observations-Attention	Fitness Certificate																
Loco	30440 <input type="button" value="v"/>																		
Schedule:	IC																		
In Time:	27/10/2021 10:29:00																		
Inward Remarks	<input type="text" value="Loco Inward taken."/>																		
Sch Start Time	27/10/2021 11:13	<input type="button" value="calendar"/>																	
Sch End Time	<input type="text"/>	<input type="button" value="calendar"/>																	
Ready Time	03/11/2021 12:27	<input type="button" value="calendar"/>	<input type="button" value="refresh"/>																
TFR Time	<input type="text"/>	<input type="button" value="calendar"/>																	
Dispatch Time	03/11/2021 12:34	<input type="button" value="calendar"/>	<input type="button" value="refresh"/>																
Driver Name	<input type="text" value="Ram"/>																		
Readings	<table border="1"> <thead> <tr> <th>Select for Reset</th> <th>Meter</th> <th>Outward</th> <th>Inward</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Energy(KWH)</td> <td><input type="text" value="0"/></td> <td><input type="text" value="0"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Regeneration(KWH)</td> <td><input type="text" value="0"/></td> <td><input type="text" value="0"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>SPM(KM)</td> <td><input type="text" value="906529"/></td> <td><input type="text" value="906529"/></td> </tr> </tbody> </table>			Select for Reset	Meter	Outward	Inward	<input type="checkbox"/>	Energy(KWH)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	Regeneration(KWH)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	SPM(KM)	<input type="text" value="906529"/>	<input type="text" value="906529"/>
Select for Reset	Meter	Outward	Inward																
<input type="checkbox"/>	Energy(KWH)	<input type="text" value="0"/>	<input type="text" value="0"/>																
<input type="checkbox"/>	Regeneration(KWH)	<input type="text" value="0"/>	<input type="text" value="0"/>																
<input type="checkbox"/>	SPM(KM)	<input type="text" value="906529"/>	<input type="text" value="906529"/>																
Dispatch Instructions	<p>Fit For Speed <input type="text" value="550"/> Kmph</p> <p>Train No <input type="text" value="10254"/></p> <p>Fit With Escort <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Fit For Service <input type="text" value="Passenger"/> <input type="button" value="v"/></p>																		
Dispatch Remarks	<input type="text" value="Loco Out ward completed"/>																		
<input type="button" value="Save"/>																			

Loco Outward -

Loco Inward page has the following tabs -

a. Dispatch details:

The inward details like purpose of visit, inward date and time, inward remarks are displayed in **Dispatch Details** tab. User enters the details like Energy, Regeneration, SPM readings, Driver name, Dispatch Instructions (Fit For Speed, Fit With Escort & Fit For Service) and outward remarks.

b. Observation attention:

Click on **Observations-Attention** tab to view the observation details and observation status.

Loco Outward

Dispatch Details		Observations-Attention	Fitness Certificate					
S.No	Loco	Schedule	Section	Jobcard No	Created On	Position	Observation	Status
1	30440	IC	M3HR	002	27/10/2021	Before Schedule	TM temp sensors to be checked	UnFit


Loco Outward -

c. Fitness certificate:

Click on **Fitness Certificate** tab to view the fitness template based on selected loco type.

Loco Outward

Dispatch Details		Observations-Attention	Fitness Certificate				
------------------	--	------------------------	----------------------------	--	--	--	--

Fitness Certificate 

Loco: 30440 Schedule: IC Arrived On: 27/10/2021 10:29:00 Ready On: 03/11/2021 12:27:00 Dispatch On:

Inward Remarks: Loco Inward taken.

Dispatch Remarks: --

Loco no	Fitness remarks
30440	FIT
	Need to be checked

Signature
(SSE/PPO)

Save

Loco Outward -

- Select the Loco to be made outward and fill in all the mandatory fields.
- Click on **Save** button, user receives the message as "Loco Outward successful". Hence the Loco is made Outward.

3. Change Running Schedule



In this page, application allows the user to change the ongoing schedule of a Loco to a new schedule as per the requirement.

Movement Register Navigation Menu -

- Click on "Movement Register" side menu and select "Change Running Schedule" navigation menu.
- "Change Running Schedule" page is displayed.

Change Running Schedule

Loco	30234	Purpose:	IOH	Time:	01/03/2021 10:34
------	-------	----------	-----	-------	------------------

S.No	Loco	Schedule	Arrived On	Sch.Position	Remarks
1	30234	IOH	01/03/2021	Before Schedule	FL not working

Before Schedule

Delete Job Card	No	Created Date	Section	Status	Sent	Verified
<input checked="" type="checkbox"/>	005	24/08/2021	M5HR	In Progress	True	No

New Sch. SPL GC Schedule Additional Sch

Remarks

Authorized By

Change Running Schedule -

- Select the Loco number from Loco field, the current schedule details of the Loco are displayed along with Arrived On date.
- Select either "SPL", "GC" or "Schedule" option form "New Schedule".

a. Un Sch (Un Schedule):

If User selects this option the schedule of the Loco is changed to "Un Sch".

- Enter the remarks, select Authorized by and click on button to save the details.

- The Schedule of the Loco is changed to "Un Sch".

b. GC (General Check Up):

By selecting this option, Loco's schedule is changed to "GC".

- Enter the remarks,select Authorized by and click on **Save** button to save the details.
- The Loco's schedule is changed to "GC".

Change Running Schedule

Loco	30234	Purpose:	SPL	Time:	01/03/2021 10:34
------	-------	----------	-----	-------	------------------

S.No	Loco	Schedule	Arrived On	Sch.Position	Remarks
1	30234	SPL	01/03/2021	Before Schedule	FL not working

Before Schedule

Delete Job	Card No	Created Date	Section	Status	Sent	Verified
<input type="checkbox"/>	005	24/08/2021	M5HR	In Progress	True	No

New Sch. GC Schedule Additional Sch

Remarks

Schedule changed IOH to SPL.

Authorized By --Select--

Save

Change Running Schedule -

c. Schedule:

By selecting this option, the schedules are displayed on right side of the page.

- Select the schedule by clicking on radio button.
- Enter the remarks,select Authorized by and click on **Save** button to save the details.
- The Loco's Schedule is changed to the schedule selected.

Change Running Schedule

Loco: 30234 Purpose: GC Time: 01/03/2021 10:34

S.No	Loco	Schedule	Arrived On	Sch.Position	Remarks
1	30234	GC	01/03/2021	Before Schedule	FL not working

Before Schedule

Delete	Job Card No	Created Date	Section	Status	Sent	Verified
<input type="checkbox"/>	005	24/08/2021	M5HR	In Progress	True	No

New Sch. SPL Schedule Additional Sch

Remarks: GC to IB changed

Authorized By: Baboo Lal B

Save

S.No	Name	Kind	Days
1	ICO	Minor	0
2	IA	Minor	90
3	IB	Minor	180
4	IC	Minor	270
5	IA	Minor	360
6	IB	Minor	450
7	IC	Minor	540
8	IA	Minor	630
9	TOH	Major	720
10	IA	Minor	810
11	IB	Minor	900
12	IC	Minor	990
13	IA	Minor	1080
14	IB	Minor	1170
15	IC	Minor	1260
16	IA	Minor	1350
Last Done	IB	Minor	1440
<input type="radio"/> 18	IOH	Major	1530
19	IA	Minor	1620
20	IB	Minor	1710
21	IC	Minor	1800

Change Running Schedule -

4. Meter Readings:

SPM, energy and Regeneration readings are updated during Loco Inward and Outward. Application allows the user to view these details in "Meter Readings" page with corresponding date and schedule.

Movement Register ▾

- Change Running Schedule
- Loco Inward
- Loco Outward
- Locos In Shed
- Meter Readings**

Movement Register Navigation Menu -

a. View Meter Readings:

- Click on "Movement Register" side menu and select "Meter Readings" sub menu.
- "Meter Readings" page is displayed along with Loco field.
- Enter the Loco Number and click on button.

- A tabular format of all the SPM-Readings, Energy-Readings and Regeneration-Readings are displayed along with dates.

Meter Readings														
Loco		30234												Go
S.No	Date	Schedule	SPM-Readings				Energy-Readings				Regeneration-Readings			
			Inward	Outward	Earned	Cumulative	Inward	Outward	Earned	Cumulative	Inward	Outward	Earned	Cumulative
1	01/03/2021	GC	572646		10000	1470688	13112233		152948	13107347	1864669		100000	16318953
2	16/11/2019	IB	562646	562646	52190	1460688	12958977	12959285	1231834	12954399	1764669	1764669	143099	16218953
3	09/10/2019	OR	510456	510456	0	1408498	11727143	11727143	0	11722565	1621570	1621570	0	16075854
4	09/08/2019	IA	510452	510456	17558	1408498	11726671	11727143	444645	11722565	1621570	1621570	58991	16075854
5	12/07/2019	GC	492894	492894	34056	1390940	11281983	11282026	729055	11277920	1562579	1562579	1562579	16016863
6	29/05/2019	GC	458834	458838	49366	1356884	10552719	10552928	15599	10548865	14654443	0	12990051	14454284
7	14/05/2019	TOH	409468	409468	0	1307518	10537120	10537120	1103261	10533266	1464392	1664392	143424	1464233
8	07/04/2019	SPL	409468	409468	0	1307518	9433859	9433859	0	9430005	1320968	1320968	0	1320809

Meter Readings -

b. Update Meter Readings:

- The SPM-Readings, Energy-Readings and Regeneration-Readings are updated by the user by clicking on Date link.
- "Update Meter Readings" page is popped up.
- User can either update the Inward and Outward meter readings or reset the readings by clicking on the respective check boxes.
- Click on **Save** button to save the details.
- Successful message is displayed and the readings are updated accordingly.

Meter Readings										
Loco		30234								Go
S.No	Date	Schedule	SPM-Readings				Energy-Readings			
			Inward	Outward	Earned	Cumulative	Inward	Outward	Earned	
1	01/03/2021	GC	572646		10000	1470688	13112233		152948	
	16/11/2019	IB	562646	562646	52190	1460688	12958977	12959285	1231834	

Select for Reset	Meter Readings	Last Vist	Inward	Outward	
<input checked="" type="checkbox"/>	Energy(KWH):	12959285	0	10	
<input checked="" type="checkbox"/>	Regeneration(KWH):	1764669	0	10	
<input checked="" type="checkbox"/>	SPM(KM):	562646	0	10	
Remarks:			Readings changed		
		Save	Reset		

Meter Readings -

5. Movement History

In this page, Movement History details like Loco Number, Schedule ,Maint. Location, Arrived On, Arrival Condition, Ready Time, Dispatched On, Remarks and history of jobcards as well as the Equipment changes of the Locos are added by the user.

**Movement Register Navigation Menu -**

a. Add Movement History:

- Click on "Movement Register" side menu and select "Movement History" sub menu.
- "View Loco Movement Register History" page is displayed along with "[Add Movement History](#)" link.

View Loco Movement Register History

Shed	Loco	Schedule	Sch Type	Arrived.From	Arrived.To	Dispatched From	Dispatched To
--All--	<input type="text"/>	<input type="text"/>	---All---	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

View Loco Movement Register History -

- Click on "[Add Movement History](#)" link, User is navigated to "Add Movement History" Page.
- Click on button to save the details.

Add Movement History

Inward/Visit Location

Loco

Inward On

Arrival Condition Working Partially working LE Dead

Inward Remarks

Schedule Note: Schedule will be considered as Additional S

Outward On

Outward Remarks

Visit History Data

Add Movement History -

b. View Movement History:

- In the "View Loco Movement Register History" page, select the Shed, Loco, Schedule and click on button.
- A tabular format is displayed with the details such as Loco, Schedule, Maintenance Place, Base shed, schedule type, Arrived On, Arrival Condition and History.

View Loco Movement Register History

[Add Movement History](#)

Shed
 Loco
 Schedule
 Sch Type
 Arrived.From
 Arrived.To
 Dispatched From
 Dispatched To

Showing 20 Records Out of 5790

S.No	Loco	Schedule	Maint.Place	Base shed	Sch Type	Arrived On	Arrival Condition	Ready Time	Dispatched On	Remarks	History
1	23067	IC	ELS/KJGY	TKD	Additional	25/10/2021 15:06	Working	25/10/2021 15:06	25/10/2021 15:06	Movement History added.	JobCards Eq.Changes
2	32200	IT	ELS/TKD	TKD	Regular	27/08/2021 11:44	Working	27/08/2021 13:02	27/08/2021 12:52	it	JobCards Eq.Changes
3	32170	IT	ELS/TKD	TKD	Regular	27/08/2021 09:59	Working	27/08/2021 14:35	27/08/2021 14:25	test	JobCards Eq.Changes
4	31214	IB	ELS/TKD	TKD	Regular	27/08/2021 09:34	Working	27/08/2021 12:10	27/08/2021 12:00	test	JobCards Eq.Changes
5	31480	IT	ELS/TKD	TKD	Regular	26/08/2021 12:17	Working	27/08/2021 16:24	27/08/2021 16:14	test	JobCards Eq.Changes
6	31208	IC	ELS/TKD	TKD	Regular	26/08/2021 09:49	Working	26/08/2021 10:35	26/08/2021 10:25	IC	JobCards Eq.Changes
7	31684	IC	ELS/TKD	TKD	Regular	23/08/2021 16:15	Working	31/08/2021 10:03	31/08/2021 09:54	test case	JobCards Eq.Changes
8	31210	IT	ELS/TKD	TKD	Regular	22/08/2021 18:36	Working	31/08/2021 11:25	31/08/2021 10:56	test inward	JobCards Eq.Changes

View Loco Movement Register History -

Note: User can print the details by clicking on Print icon found beside the "Go" button.

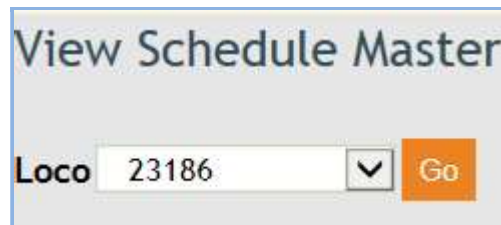
6. Schedule Master

Loco schedule details such as Schedule, Days, Due on, Planned on, Inward on, Ready on, Dispatch on, Status, Remarks and POH are shown in "Schedule Master" page.



Movement Register Navigation Menu -

- Click on "Movement Register" side menu and select "Schedule Master" navigation menu.
- "View Schedule Master" page is displayed.



View Schedule Master -

- Select Loco and click on Go button.
- A tabular format is shown with Loco schedule details.

View Schedule Master

Loco Go

S.No	Schedule	Count	Days	Actual Due On	Revised Due On	Inward On	Ready On	Dispatch On	Status	Remarks	POH
1	ICO	1	0	16/10/2018	16/10/2018	19/10/2018	22/10/2018	22/10/2018	Completed	Completed	1
2	TI	1	20	05/11/2018	02/01/2019	02/01/2019	--	02/01/2019	Skipped	Skipped	1
3	TI	2	40	25/11/2018	02/01/2019	02/01/2019	--	02/01/2019	Skipped	Skipped	1
4	IA	1	60	15/12/2018	21/12/2018	02/01/2019	03/01/2019	03/01/2019	Completed	Completed	1
5	TI	3	80	04/01/2019	23/01/2019	--	--	--	Next Due	Next Due	1
6	IB	1	120	13/02/2019	04/03/2019	--	--	--	Next Due	Next Due	1
7	IC	1	180	14/04/2019	20/04/2019	--	--	--	Next Due	Next Due	1
8	TOH	1	720	05/10/2020	05/10/2020	--	--	--	Next Due	Next Due	1
9	POH	1	3600	24/08/2028	24/08/2028	--	--	--	Next Due	Next Due	1

View Schedule Master -

7. Skip Schedule

In certain circumstances locos may not attend for scheduled maintenance. During such cases schedules are skipped and postponed to other schedule. Such skipped schedules are maintained in the Loco History for future use.

**Movement Register Navigation Menu -**

- Click on "Movement Register" side menu and select "Skip Schedule" sub menu.
- "Skip Loco Maintenance Schedule" screen is displayed.

Skip Loco Maintenance Schedule

Loco: 23200

Skip Remarks: skip schedule

Previous Visit Info : Inward Time : 05/10/2020 14:27
Outward Time : 05/10/2020 14:27
Visit Purpose :

Authorized By: Dharm Pal

Save

S.No	Name	Kind	Days
1	ICO	Minor	0
2	IA	Minor	60
3	IB	Minor	120
4	IC	Minor	180
5	IA	Minor	240
6	IB	Minor	300
7	IC	Minor	360
8	IA	Minor	420
<input checked="" type="checkbox"/> 9	IB	Minor	480
<input checked="" type="checkbox"/> 10	IC	Minor	540
<input type="checkbox"/> 11	IA	Minor	600
12	IB	Minor	660
13	TOH	Major	720

Skip Loco Maintenance Schedule–

- Select Loco, schedule details of that Loco are displayed on right side of the screen.
- Click on Radio button to skip the current schedule.
- Enter Remarks, select Authorized by and click on **Save** button to save the details. "Saved successfully" message is received by the user, schedule of the Loco is skipped and moved to next Schedule.

