

Integrated Material Management System

BY

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TERMS RELATED WITH INTEGRATED MATERIAL MANAGEMENT SYSTEM

- iMMS - Integrated Material Management System.
- DSC – Digital Signature Certificate
- MMIS -Material Management Information System
- IREPS- Indian Railway Electronic Procurement
System
- URL - Uniform Resource Locator
- COS - Controller Of Stores
- PCMM – Principal Chief Material Manager

iMMS

❖ INTRODUCTION

Integrated Material Management System (iMMS) was developed at Central Railway (CR) in 1998 initially for PCMM office, Stores A/c office and at other five major Depots of the CR.

Since then after modifications and rectifications same was successfully implemented in all Store Depots, Divisions & Stores Finance Branch in all over IR.

In SER it has been introduced from 1st August 2019.

ADVANTAGES OF IMMS

- Better quality of work & improved output than the earlier.
- Increased transparency.
- Faster rate of work execution.
- Decrease of paper work.
- Reduction of chances mistakes.
- Accountability always visible.

Activities List of iMMS

- **Requisition Registration**
- **Issue of Material against Registered Requisitions**
- **Stock-Verification**
- **Depot/Book – Transfer**
- **Transaction Query**
- **Transaction Entry**
- **Dispatch/Distribution of material to consignee**



Activities List of iMMS

- **P.O. Receipt**
- **DRR Entry Registration Form**
- **Receipt Inspection Report Forms**
- **Receipt Note Preparation**
- **Rejection Advice Preparation**
- **Receipt Queries**
- **Special-Depot-Module**
- **Inventory Control and Allied Activities**

Modules of iMMS

- Depot Module
 - Sub modules are
 - Ledger Section
 - Yard
 - Transaction Module
 - Receiving Section
 - Returned Stores

Modules of iMMS

- Purchase Module
- The entire process of procurement i.e. from Initiation of Demand to release of purchase order and post purchase activities belongs to this module & is fully computerized & saves lead time of the cycle.

Modules of iMMS

- Finance Module
 - Implemented at Stores A/c. in HQ. Bill passing activities, payments and Stores Monthly Summaries are being generated through MMIS under this module.
- Uniform Module
 - This module facilitated for monitoring of uniform supply to the railway employees.
- Sales Module
 - This module for monitoring of sale activity (disposal of scrap) of the railway.

URL of the Application

- The URL to access the home page of IREPS application is
- <http://www.ireps.gov.in>. (Type www.ireps.gov.in in your browser for open IREPS Home page)

iMMS

- **Functionality**
 - Users are registered as Railways Users
 - IREPS document is intended (meant) to help the Railway Users understanding iMMS application from their perspective (point of view).
 - Users will operate the iMMS application under the bounds of certain privileges and functions assigned to them by iMMS Administrators .

iMMS

- Users have access to functions like P.O. Receipt, DRR(Daily Receipt Register) -Entry, Inspection, R(Receipt)/Note and Rejection-advice and Receipt-Queries related tasks.
- **iMMS Login Process**
- On the anonymous Home page of IREPS, user gets the following screen where User has to enter his/her user name and password to login into iMMS.

Requisition Registration

- After Click on Requisition Registration (Req. Registration) sub-menu link, user will see the Req. Registration form for Registration of Requisition for store.

continued

Requisition Registration

[99:IREPS]

Registration of Requisition for Stores



Depot: 01 IREPS TESTING		Reqn.Reg.No: 1400001	Reg.Date: 03/12/14	Select Requisition Record Exit				
Reqn.Type: Permanent Indent	Card-Code: 57	Consignee: 085583	A.C.O.S.: MOKAMEH	Reg.No.	C.Code	Alloc.	PL-No	Dem.Qty
Reqn.No: 855830001	Dated: 02/12/14	Indentor: EPS	E-Procurement	1400001	085583	03011127	33501841	500
Allocation: 03011127	Remarks: testing nbn		Select Indentor		1400001	085583	03011127	74129077
Period: From: 27/01/14 To: 01/01/15			Indentor Ind.Name		1400001	085583	03011127	81030216
Item and Quantity Details			Clear/Exit Save Forwarding-Memo		1400003	091169	03011127	75033872
Item and Quantity Details			Clear/Exit Save Forwarding-Memo		1400003	091169	03011127	75905231
PL No.: 40073981	Cat: 10	"cable poly/l,pvc/sh al 1.5sqm		1400005	085601	03011127	81071073	20
		Ward: 06	NLU: 22	E-Procurement		1400003	091169	
				E-Procurement		1400005	085601	
Qty.Demanded	Sanction	In Hand	Qty.Approved	Qty.Issued	Stock	Reserved	MC	12m Cons.
1000.000	100.000	1.000	100.000	200.000	4695.000	0.000	3600.000	
Last Issue:	Fin.Yr.: 14	Vr.No.: 1014	Vr.Date:	Status: P	Partially Issued			
S.N.	PLNo	Cat	Ward	Description	Qty Demanded	Qty Approved	Qty. Issued	Stock
6	74129077	10	09	"STAINLESS STEEL MNG 36"" RING	1 Nos.	0	1	128
7	40073981	10	06	"cable poly/l,pvc/sh al 1.5sqm	1000 MTR	100	200	4695

Requisition Registration

MS_Depot_Manual.pdf - Adobe Reader

Click on LOV icon and popup depot list

Click on this icon and popup date format

Click on LOV (List of Value) Button for populate List according to the attached field

Click on LOV icon and popup depot list

Click on this icon and popup date format

according to the attached field

Click on LOV (List of Value) Button for populate List according to the attached field

Click gene item

Click for c

Registration of Requisition for Stores

Depot: 01 REPS TESTING | Reqn Reg.No: 1400001 | Reg.Date: 03/12/14

Reqn Type: Permanent Indent | Card-Code: 57 | Consignee: 085583 A.C.O.S. MOKAMEH

Reqn.No: 855830001 | Dated: 02/12/14 | Indentor: EPS | Procurement

Allocation: 03011127 | Remarks: testing (030)

Period From: 27/01/14 | To: 01/01/15

Item and Quantity Details




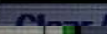
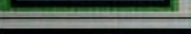



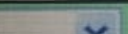

PL No.: 40073981 | Cat: 10 | "cable poly/l.pvc/sh at 1.5sqm" | Ward: 06 | NLU: 22 | MTR

Qty.Demanded	Sanction	In Hand	Qty.Approved	Qty.Issued	Stock	Reserved	MC	12m Cons.
1000.000	100.000	1.000	100.000	200.000	4695.000	0.000	3600.000	

Last Issue: Fin.Yr.: 14 | Vr.No.: 1014 | Vr.Date: | Status: F Partially Issued

S.N.	PLNo	Cat	Ward	Description	Qty Demanded	Qty Approved	Qty Issued	Stock
6	74129077	10	09	"STAINLESS STEEL MNG 36" RING	1 Nos	0	1	128
7	40073981	10	06	"cable poly/l.pvc/sh at 1.5sqm	1000 MTR	100	200	4695
8	75033768	10	02	WATER THERMOPLASTIC HOSE 20 MM	111 MTR	0	100	2785
9	81030216	10	09	Aluminiu Ferric Grade-4 to IS-299/2012 etc.	100 Kgs	0	0	919
10	74129077	10	11	"STAINLESS STEEL MNG 36" RING	100 Nos	0	0	0

Functionalities Used in Requisition Registration Form

S. No	Button name	Action	Description
1		For New data entry	Clicking on New button User can insert a new record
2		For edit/alter existing saved records	Clicking on Edit button User can edit/modify saved record
3		For save records permanently	Clicking on Save button User can save new or edit/modify record
4		Exit from current opened form	Clicking on Exit button User can Exit from the current form
5		For Forwarding-Memo	Clicking on forwarding-Memo button User can show -----
6		LOV (List of value) for populate existing records	Clicking on LOV (List of Value) button User can populate records in that field
7		Disabled Field	User not able to enter or modify data in these fields
8		Calendar for date select	Clicking on Calendar button User can populate calendar for date
9		Drop down list for existing values	Clicking on list button User can populate records according to that
10		Text field area for	Clicking on Text field area

Issue of Material against Registered Requisitions

- Users Enter the Requisition Registration No. and enter the PL no. or select a date range for issue of material. After that user click on Start button and open the new window generated which is highlighted with red square.

continued

Issue of Material against Registered Requisitions

[99:IREPS]

Issue of Stores against Registered Requisitions



Depot	01	IREPS TESTING	Ward	01	Reqn.Reg.No.	140001	PLNo	30557215
Reg.Date	From	14/10/14	To	14/10/15	Consignee	045512	Status	<input checked="" type="radio"/> Pending <input type="radio"/> Issued <input type="radio"/> Unapproved
			Start	Clear/Exit	PL-Position	Print		

Click on the Date to Select

Click on the Date to Select						
2015	October					Cancel
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Select Consignee Exit

C.Code C.Name

C.Code	C.Name
085583	A.C.O.S. MOKAMEH
085601	A.C.O.S. NAIHATI
085595	A.C.O.S. PATRATU
085625	A.C.O.S. BELUR SCRAP
045512	A.C.O.S. (DSL) / ER / PA
075553	A.C.O.S./D JAMALPUR
035518	A.C.O.S/D ANDAL
015519	A.C.O.S/D BAMONGACI
025513	A.C.O.S/DSL. BELIAGHA

Issue of Material against Registered Requisitions

iMMS Depot Manual.pdf - Adobe Reader
 Edit View Window Help
 16 / 77 114%

of material. After that user click on Start button and open the new window generated which is highlighted with red square.

Click on LOV (List of Value) Button for populate list according to the attached field

Click on Radio button

Issue of Stores against Registered Requisitions

[99:IREPS] Depot 01 IREPS TESTING Ward 01 Reqn.Reg No. 140001 PL No 30557215

Issue of Stores against Registered Requisitions

[99:IREPS] Depot 01 IREPS TESTING Ward 01 Reqn.Reg No. 140001 PL No 30557215

Reg.Date From 14/10/14 To 14/10/15 Consignee 045512 Status Pending Issued Unapproved

Click on Calendar button for select a date

User click on start button after that new window is generate below

Click on the Date to Select

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Click on PL Position Button after that new window generate

Select Consignee

C.Code	C.Name
035583	A C O S MOKAMEH
035601	A C O S NAIHATI
035595	A C O S PATRATU
045625	A C O S BELLUR SCRAP YARD
045512	A C O S (DSL) / ER / PATRATU
075553	A C O S D JAMALPUR
035518	A C O S D ANDAL
015519	A C O S D BAMONGACHI
025513	A C O S DSL BELIAGHATA
011733	A D M O BANDEL
021740	A D M O BARASAT
021738	A D M O BONGAON
021659	A D M O CHITPUR

Issue of Material against Registered Requisitions

[99:IREPS] Issue of Stores against Registered Requisitions ?

Depot	01 IREPS TESTING	Ward	01	Reqn.Reg.No.	1400062	PLNo	56503090
Reg.Date From	15/10/15	To	16/10/15	Consignee	045512	Status	<input checked="" type="radio"/> Pending <input type="radio"/> Issued <input type="radio"/> Unapproved
Start Clear/Exit PL-Position Print							

S.N	Reg.No.	Reg.Date	Reqn.No.	CC	PLNo	Quantity Demanded/ Approved	Unit	Qty. Issued	Description
1	1400062	11/02/15	855812345	57	56503090	12 6	Nos.	11	DIGITAL MULTIMETER 3 3/4DIGIT
2	1400080	16/02/15	617012345	57	56508967	500 0	Nos.	2	B.TYPE CHOKE.
3	1400085	17/02/15	855812346	56	56040106	10	Nos.		EVENT LOGGER CARD FOR SSDAC
4	1400093	17/02/15	855812456	57	50235527	100 50	Nos.	50	STAND ALONE ADDITIONAL P.B.CLI
5	1400094	17/02/15	855823456	57	50150017	100 40	Nos.	3	ELECTRONIC 1+1 PUSH BUTTON TEL
6	1400131	27/02/15	855823456	57	50232319	100	Nos	40	telephone magneto desk type

Issue of Material against Registered Requisitions

[99-IREPS] Issue of Stores against Registered Requisitions

Depot 01 REPS TESTING Ward 01 Regn.Reg.No. 1400062 PLNo 56503090
 Reg.Date From 15/10/15 To 16/10/15 Consignee 045512 Status Pending Issued Unapproved

Start Clear/Exit PL-Position Print

S.N	Reg.No.	Reg.Date	Reqn.No.	CC	PLNo	Quantity Demanded/ Approved	Unit	Qty. Issued	Description
1	1400062	11/02/15	855812345	57	56503090	12	Nos.	11	DIGITAL MULTIMETER 3 3/4DIGIT
2	1400080	16/02/15	617012345	57	56508967	500	Nos.	2	B TYPE CHOKE
3	1400085	17/02/15	855812346	56	56040106	10	Nos.		EVENT LOGGER CARD FOR SSDAC
4	1400093	17/02/15	855812456	57	50235527	100	Nos.	50	STAND ALONE ADDITIONAL P.B CLI
5	1400094	17/02/15	855823456	57	50150017	100	Nos.	3	ELECTRONIC 1+1 PUSH BUTTON TEL
6	1400131	27/02/15	855823456	57	50232319	100	Nos.	40	telephone magneto desk type

Print Issue Note

User click on PL No after that a new window is generated to show the Item Position.

INVENTORY CONTROL AND ALLIED ACTIVITIES

❖ **Item Management**

- Opening of new PL card
- The item is a new item in that railway and do not have any PL number.
- The item is already being stocked in one of the depots in that railway.
- PL Unification System (PLUS)

Opening of new PL card

- Stocking proposal for opening of new PL numbers in railways is to be initiated in system by dealer of proposed stocking depot.
- The item is a new item in that railway and do not have any PL number
- The item is already being stocked in one of the depots in that railway

Opening of new PL card

- In both the cases the proposal is to be created from the stocking depot level with a minor difference. In situation (i) above, only the major group and sub group is to be selected from the drop down and after filling the LPO (Last Purchase Order) details and Questionnaire tab is to be forwarded to Depot Officer.

Opening of new PL card







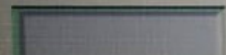

- In situation (ii) as above, 8 digit PL No is to be selected from the drop down list after clicking on the view button. Once a major group and sub group is selected, the nominated railway as per Railway Boards' latest circular will be populated. In case the nominated railway is different from the indenting railway, the proposal will be forwarded to nominated railway through PLUS console of iMMS.

STOCKING PROPOSAL

[02:ER]	STOCKING PROPOSAL	
<input type="button" value="New"/> <input type="button" value="Print Q-Form"/> <input type="button" value="Clear"/> <input type="button" value="Delete"/>		
<input type="button" value="Item Details"/> <input type="button" value="LPO Details"/> <input type="button" value="Questionnaire"/> <input type="button" value="Fwd to Depot Officer"/> <input type="button" value="Save"/> <input type="button" value="Trail"/> <input type="button" value="Exit"/>		
Proposal No :	<input type="text" value=""/>	Date : <input type="text" value="02/08/16"/>
		Status : <input type="text" value=""/>
Railway :	<input type="text" value="02-ER"/>	Depot : <input type="text" value="01-SMM/D/HOWRAH"/>
<i>For new PL allotment select PL Group and Sub Group only and for stocking approval for known PL, enter PL No only</i>		
	Railway : <input type="text" value="02-ER"/>	Depot : <input type="text" value="01-SMM/D/HOWRAH"/>
<i>For new PL allotment select PL Group and Sub Group only and for stocking approval for known PL, enter PL No only</i>		
Major Group :	<input type="text" value="38"/>	Sub Group : <input type="text" value="13"/>
		PL No : <input type="text" value=""/>
Unifying Rly :	<input type="text" value="02"/> <input type="text" value="ER"/>	
Item Description :	<input type="text" value="SCREW COUPLING ASSLY AS PER DRAWING No 123"/>	
Short Description :	<input type="text" value="SCREW COUPLING ASSLY AS PER DRAWING No 123"/>	
Specification :	<input type="text" value=""/>	
Drawing No :	<input type="text" value="DRAWING NO 123"/>	Item Finish state : <input type="text" value="Finished"/>
Buying Unit :	<input type="text" value="01-Number"/>	Ledger Unit : <input type="text" value="01-Number"/>
Estimated Rate :	<input type="text" value="100"/>	Stocking Ward : <input type="text" value="12"/>
Est Annual Consumption :	<input type="text" value="5000.000"/>	Category of Stores : <input type="text" value="10 (Ordinary)"/>
Annual Usage Value :	<input type="text" value="500000.00"/>	Item Approval Cat : <input type="text" value="Cat I"/>

Functionalities Used in Issue of Material against Registered Requisition form

5.1 Functionalities Used in Issue of Material against Registered Requisition form

S. No	Button name	Action	Description
1		For New data entry	Clicking on Start button User can insert a new record
1		For New data entry	Clicking on Start button User can insert a new record
2		To print	User can print document for purpose
3		Exit from current opened form	Clicking on Exit button User can exit from the current form
4		Show multiple PL-Position	Clicking on PL-Position button show multiple Position
5		LOV (List of value) for populate existing records	Clicking on LOV (List of Value) button User can populate records against that field
6		Disabled Field	User not able to enter or modify fields
7		Calendar for date select	Clicking on Calendar button User can populate calendar for date field

Imprest of Consignee

[02:ER]		Imprest of Consignees				?				
Depot	HWH	Fin.Year	2015-16	Imp.Type	Schedule	Consignee	045512	A.C.O.S. (DSL) / ER		Start
PLNo	30557215	LAVATORY WINDOW GLASS AC COACH			Status		Validity	14/10/15		
Imp.Qty	52	Nos.		Imp.Period	Quarterly	Qty.Issued				
Remarks	testing for			Quarterly Monthly Half-Yearly						
Remarks				Monthly Half-Yearly Annually						
			Save	Clear/Exit	Print					
S.N.	PLNo	Description			Imprest Quantity	Period	Quantity Issued			
1	30557215	LAVATORY WINDOW GLASS AC COACH			52 Nos.	Quarterly		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	30982819	BATTERY BOX FOR 800 A.H.CELL			54385 Nos.	Monthly		<input type="checkbox"/>	<input checked="" type="checkbox"/>	

This for is used for entering Imprest details of consignee.

Click on the Date to Select						
2015	October	Cancel				
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				01	02	03

Select		
C.Code Name		
045512	A.C.O.S. (DSL) / ER	

Depot/Book – Transfer

https://www.budapest.gov.hu/ig/transfer

[02:18] Depot/Book Transfer Transactions

DT BT DT-Request/Advice DT-Issue DT-Receipt Exit Print

New Request/Advice

Request/Advice for Transfer			
Req.Id	<input type="text"/>	Req.Date	<input type="text"/>
PL-No	<input type="text"/>		
From-Depot	Ward: <input type="text"/>	To-Depot	03 Ward: <input type="text"/>
Transfer-Qty	Unit: <input type="text"/>	Status	<input type="text"/>
From-Depot	Ward: <input type="text"/>	To-Depot	03 Ward: <input type="text"/>
Transfer-Qty	Unit: <input type="text"/>	Status	<input type="text"/>
Ref.P.O.No.	<input type="text"/>	P.O.Sr.No.	<input type="text"/>
Remarks	<input type="text"/>		
Save Clear/Exit			

Depot/Book – Transfer

- **Depot Transfer Transactions**

- The workflow of Depot/Book Transfer is that the Depot/Ward who wants to receive material, should first raise a request to other depot/ward by clicking on “DT Request/Advice” button which will open the form

.

Depot/Book – Transfer

- Once the Administrator of the other Depot receives the online request, he will approve the request by clicking on the “Approve” button as shown below. Qty can be changed if required by the Administrator of the issuing Depot.

Depot/Book – Transfer

[02.ER] Depot/Book Transfer Transactions ?

DT BT
 BT - Request/Advice
BT - Issue
BT - Receipt
Exit
Print

Transfer P.O.Qty						
Req.Id	Req.Date	PLNo	Req.Qty	From	To	
53	25/03/15	30017075	100	01	02	Approve
53	25/03/15	30017075	100	01	02	

Request/Advice for Transfer

Req.Id	52	Req.Date	25/03/15
PL-No	75403699 DECORATIVE THERMO SETTING 3mm.		
From-Depot	03	Ward:	08
To-Depot	02	Ward:	01
Transfer-Qty	100.000	Unit:	01
Ref.P.O.No.	11134218101517	P.O.Sr.N	
Remarks	P.O. Transfer		

Select Transfer Request Record

Req.Id	PLNo	Req.Date	Tr.Qty	DPFrom

The page at <https://reps.gov.in> says:

Saved!



THANK YOU