

I/3088343/2024

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

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No. 2021/25/CE-III/BR/1/BMS/Drone (E-3413476)

New Delhi, dt. 08.02.2024

**Principal Chief Engineer,  
All Indian Railways.**

**Sub:-** Introduction of Monsoon Booklet Module in Bridge Management system (BMS) application as per para 709 of IRBM.

**Ref:-** CPD/TMS/NR's letter No. No. 198-W/e-Gov/TMS/BMS/Estimate/Pt-1 dated 06.02.2024-(Copy enclosed).

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With reference to the above subject matter, CRIS has developed a separate module for Monsoon Booklet in BMS. Provisions of IRBM para 709(1) and 709(6) regarding scale of monsoon reserve and annual return of monsoon reserves are incorporated in this module. The steps involved are explained in the above referred letter.

It is directed that henceforth, this module should be adopted so that all information will be available on line for all concerned which will expedite tackling of any eventually due to monsoon/flood.

This is for your information & necessary action please.

**DA: As above.**

**Signed by Abhimanyu Lamba**

**Date: 08-02-2024 16:57:18**

**Reason: Approved**

**(Abhimanyu Lamba)**

**Director Civil Engg./B&S-II**

**Ph. No. 011-478-45459**

**Copy to:-**

1. **CBE, all Zonal Railways** for information & necessary action please.
2. **CPD/TMS/NR** for information please.

## Northern Railway

Headquarters office,  
Baroda House,  
New Delhi.

No. 198-W/e-Gov/TMS/BMS/Estimate/Pt-1

Dated: 06.02.2024

**Principal Executive Director/Bridge,**  
Railway Board,  
Ministry of Railways,  
Rail Bhawan,  
New Delhi.

**Sub:** Introduction of Monsoon Booklet Module in Bridge Management System (BMS) application as per para 709 of IRBM.

As per para 709 (1) of IRBM, *Location and quantity of reserve stock of pitching stone, boulder and other monsoon reserves should be fixed by Chief Engineer/Chief Bridge Engineer.*

Further vide para 709 (6) of IRBM, *the annual return of pitching stone, boulder and monsoon reserve should be submitted by each Divisional Engineer to the Chief Bridge Engineer by specified date after monsoon.*

Apart from above, position of vulnerable locations, service girders, CC cribs, consumables etc. and other vital information regarding monsoon precautions taken/to be taken before onset of monsoon, are forwarded by Divisions and Bridge line units to HQ office for preparation of monsoon Booklet at HQ level.

To cater for above requirement, a separate module has been introduced in BMS. Following action to be taken in this regard:

- i) After cessation of monsoon period, Sr.DEN/DEN may submit the annual return of pitching stone, boulder & monsoon reserve in their login [*Main Menu > Monsoon Booklet > Annual Return after Monsoon*] and forward to Sr.DEN/Co. On behalf of division, Sr.DEN/Co. may forward this to CBE through their login.
- ii) CBE has to approve the same through their login [*Main Menu > Monsoon Booklet > Consumable Approval*].
- iii) Once the quantity is frozen by CBE, each Sr.DEN/DEN may submit the Location and quantity of reserve stock of pitching stone, boulder & other monsoon reserve available along with position of vulnerable locations, service girders, CC cribs, consumables etc. and other vital information regarding monsoon precautions taken/to be taken before onset of upcoming monsoon to Sr.DEN/Co [*Main Menu > Monsoon Booklet > Monsoon Booklet Preparation*].

- iv) Thereafter, Sr.DEN/Co. has to upload “Monsoon Precaution Certificate” (in PDF format) duly signed by him and all Sr.DENs/DENs of Division & forward to DyCE/Br.HQ [*Main Menu > Monsoon Booklet > Upload Certificate*].
- v) Dy.CE/Bridge line may also forward position of service girders, CC cribs, Bridge relief train positions (if any) to HQ office (DyCE/Br.Hq), in parallel, through their login [*Main Menu > Monsoon Booklet > Monsoon Booklet Preparation*].
- vi) Once all positions from Divisions and Bridge Line units are received in HQ office, Dy.CE/Br.HQ may add other important information like forwarding letter for monsoon precautions, related CE circulars, important telephone nos. list, manning arrangement of HQ officials during emergencies etc. [*Main Menu > Monsoon Booklet > Monsoon Booklet Preparation*] and finalize the monsoon booklet at his/her end [*Main Menu > Monsoon Booklet > Generate Monsoon Booklet*].
- vii) This booklet can be downloaded in PDF format.

Railway board may issue suitable instructions to all zonal rlys for use of this module so that all information will be available on line for all concerned which will expedite tackling of any eventually due to monsoon/flood.

Once the instructions are issued by the Bd to all zonal rlys, CRIS will be advised to conduct the VC for all zonal Rlys, to explain this module.

ACHAL JAIN Digitally signed by ACHAL JAIN  
Date: 2024.02.06 10:00:11  
+05'30'

**Chief Project Director/TMS**

**Copy to:**

1. AMCE, Railway Board, New Delhi for kind information please.
2. MD/CRIS, Chanakyapuri, New Delhi for information and necessary action please.
3. EDCE/B&S, Railway Board, New Delhi for information and necessary action please.