वाणिज्य परिपत्र कोचिंग सं.04/2025

COMMERCIAL CIRCULAR COACHING NO. 04/2025

2024 का दर सूचना सं. 03/RATE ADVICE NO. 03 OF 2025

विषय/**Sub:** Train demand module in PRIMES and ICMS.

संदर्भ/**Ref:** Railway Board letter No. 2025/TG-I/01/Misc/01 dated 19.02.2025.

(Commercial Circular No. 02 of 2025)

*****

As per extant practice, to fulfill the extra rush (passenger) demand on different occasions (e.g. Festivals, summer vacation, Holi, Deepawali etc.), Zonal railways submit their special train requirements to the Railway Board for approval. Subsequently after approval, the zonal railways concerned, notifies the train services for Public and Railways.

2. In order to make the exercise more data driven with cross zone visibility of planning, a "Train Demand Utility/Module" has been developed by CRIS – in PRIMES and ICMS applications respectively for Commercial and Operating users. The brief features of these modules are as under:

- This utility helps to estimate the number of train trips needed for specific Origin-Destination (O-D) pairs.
- Demand could be assessed using historical date ranges (for a reference period) and for specific O-D pairs from options such as Stations, Clusters, Zones, States, or Station within a specific KM range.
- Unmet demand of live trains is also taken into consideration.
- Real time availability of the of coaches vis a vis lie over rakes and spare coaches is available to process the demand.
- Proposals under approval in other zonal railways are also visible for realistic assessment of demand.
- Online processing for approval of demand from Commercial to Operating department and from zonal railways. The proposal would be sent to Railway Board through the utility itself and the approval would also be communicated through the same.
- MIS reports are available to monitor the current demand status in PRIMES and ICMS.

3. The user manual for the utility is provided vide Annexure A & B.

4. All special train planning henceforth should be done through the Train demand module including for the upcoming Holi and Summer Specials.

5. Necessary instructions may be issued to all concerned accordingly for strict compliance.

Enc/- Annexures-A & B

Previous Comml. Cir. Chg. No. 03/2025 regarding Rationalization of nomenclature of Persons with Visual Impairement with total absence of sight.

04/3/25

(Rajeev Kumar Jha)
Dy.CCM/PS
For PCCM/SWR

भारत सरकार

Office of Principal Chief Commercial Manager,
South Western Railway,
Ministry of Railways,
Government of India,
Rail Soudha, Hubballi

सं.**No. C. 518/SWR/Comml. Circular/2023-24/25** **Date: 04.03.2025**

Copy to: CCM/PM/MAS: For kind information and necessary action please.
Copy to: Sr. DCM/UBL, SBC & MYS: For kind information & necessary action accordingly.
Copy to: DRM/UBL, SBC, & MYS: For kind information.
Copy to: Secretary to GM for kind information of GM.
Copy to: SDGM, PCOM, CPTM & PFA /SWR/UBL: for kind information.
Copy to: CPRO/SWR/UBL: *For* kind information.
Copy to: RGM/CRIS/MAS: For kind information and necessary action.
Copy to: RM/IRCTC/SBC: For kind information.
Copy to: Principal Director of Audit/SWR/UBL: For information.
Copy to: Dy. CCM/C & PO/RCT/BNC: For information.
Copy to: Sr. AFA/T/SBC: For information.
Copy to : Principal/MDRTI/Saptapur/Dharwad: For information.
Copy to: Commercial Control/HQ/UBL: For information & necessary action.

022/2025

GOVERNMENT OF INDIA(भारतसरकार)
MINISTRY OF RAILWAYS (रेलमंत्रालय)
RAILWAY BOARD(रेलवेबोर्ड
*****

No. 2025/TG-I/01/Misc/01 New Delhi, dated 19.02.2025

Principal Chief Operations Mangers &
Principal Chief Commercial Mangers,
All Zonal Railways.
CMD Konkan Railway.

(Commercial Circular No.: 02 of 2025)

Sub: Train demand module in PRIMES and ICMS.

As per extant practice, to fulfill the extra rush (passenger) demand on different occasions (e.g. Festivals, summer vacation, Holi, Deepawali etc.), Zonal railways submit their special train requirements to the Railway Board for approval. Subsequently after approval, the zonal railway concerned, notifies the train services for Public and Railways.

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- MIS reports are available to monitor the current demand status in **PRIMES** and **ICMS.**

3. The user manual for the utility is provided vide Annexure A & B.

☐ PCOM.....	☐ CCO.....
☐ CCM/PS & Catg.....	☐ CCM/FM.....
☐ Dy. CCM/PS.....	☐ Dy. CCM/FS.....
☐ SCM/PB(HQ).....	☐ SCM/G.....
☐ ACM/.....	☐ ACM/.....
☐ PPS to PCCM.....	

2025/TG-I/01/Misc/02

I/3118022/2025

4. All special train planning henceforth should be done through the Train demand module including for the upcoming Holi and Summer specials.

5. Necessary instructions may be issued to all concerned accordingly for strict compliance.

Signed by
Vipul Singhal
Date: 19-02-2025 18:22:30

(Vipul Singhal)
Director Passenger Marketing
Railway Board

Signed by
Sanjay Roopsingh Neelam
Date: 19-02-2025 17:50:56

(Sanjay Roopsingh Neelam)
Director/Coaching
Railway Board

Copy to: - MD CRIS, Chanakyapuri, New Delhi 110021

Rail Bhawan, Raisina Road, NewDelhi-110001

CRIS
making IT happen

PRIMES

TRAIN DEMAND UTILITY USER

Version 1.0

PRS/CRIS

https://primes.indianrail.gov.in/PRIMES

PURPOSE OF THIS MANUAL

This manual is intended for the Railway Board users, Zonal Railway Users (CCM/PM office) to facilitate usage of Train Planning Utility available on PRIMES application of PRS for train planning.

UTILITY DETAILS

A Train Planning Utility has been developed by CRIS - PRS, and ICMS, to assist Railways in planning the operation of new trains, addressing increased demand during festivals and for year-round services based on passenger demand and rake availability. This utility replaces the current manual process used for planning new trains.

The utility is divided into two sections to cater to different users:

1. For Commercial Users: to raise demands for train trips, based on historical passenger demand and send the trips demand to operations (ICMS) via PRIMES application
2. For Operating Users: for running if trains based on available resource and trips demanded.

The utility provided on PRIMES is for Commercial users.

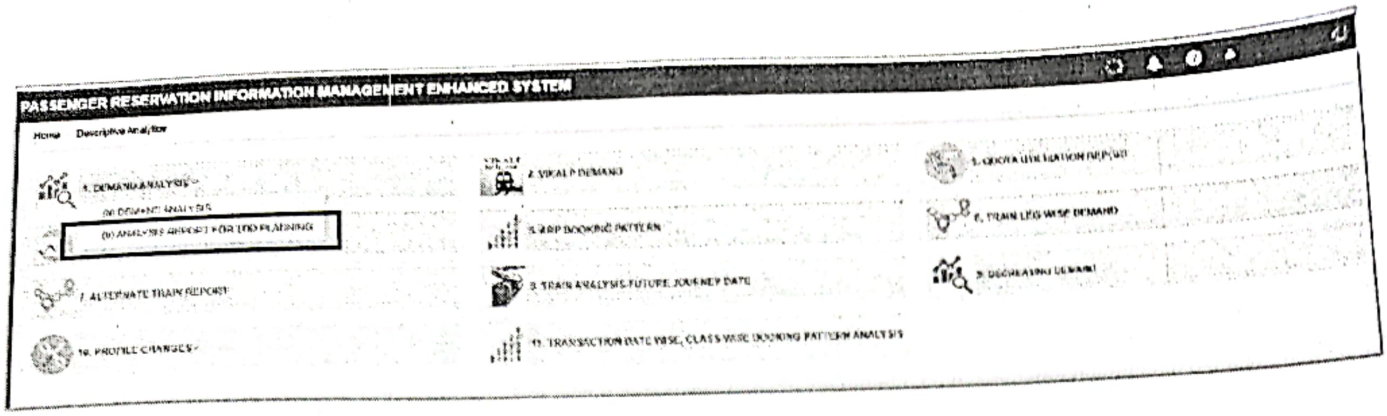
This utility aids in planning train operations by analyzing O-D (Origin-Destination) wise passenger demand data created on PRIMES. It is particularly useful for organizing special trains during festival peaks and for scheduling regular services based on historical booking trends. Access to this utility within the PRIMES application is provided to CCM/PM users across various zones.

HOW TO USE THE UTILITY?

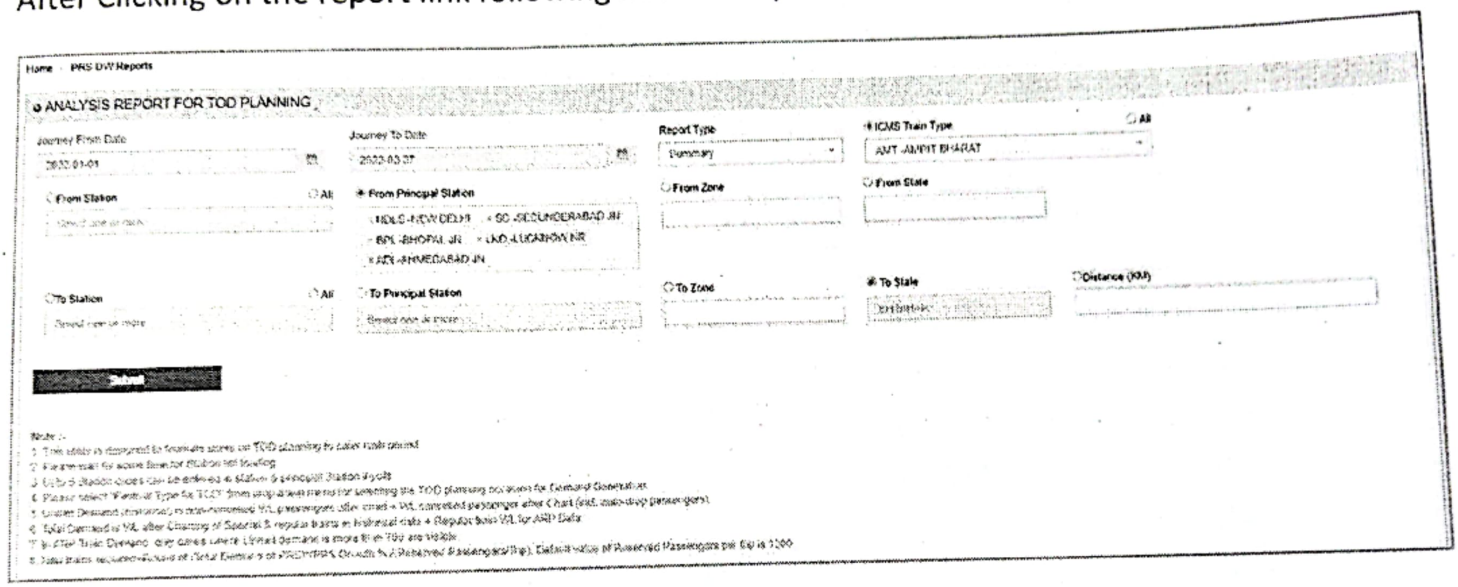
The utility is divided into 2 parts, analysis reports for aiding Commercial users in decision making for trip planning and main utility for raising demand to Operating (ICMS).

This utility is available under PRIMES → Analytics Reports → Descriptive Reports → Demand Analysis → 1(b) Analysis Report for TOD planning.

A toaster alert is also added on Home Page for easy access to report.



After Clicking on the report link following form will open to choose the desired filters for report:



The common inputs in all the reports are:

1. Journey From Date and Journey To Date: this is the historical journey period range, which will be used as a reference period for demand analysis. Historical data is available from Jan-2019 onwards.
2. From Station: to select passenger source stations: User can select upto 5 stations codes.
3. From Principal Station: to select passenger principal source stations (cluster stations clubbed together): User can select upto 5 cluster stations.
4. From Zone: user can select any of the originating zone out of 17 zones
5. From State: user can select any of the originating state.
   User can select any of the source from the above 4 input types (station/principal/zone/ state or All Stations)

6. To Station: to select passenger destination stations: User can select upto 5 stations codes.
7. To Principal Station: to select passenger destination stations (cluster stations clubbed together): User can select upto 5 cluster stations.
8. To Zone: user can select any of the destination zone out of 17 zones
9. To State: user can select any of the destination state.
10. Distance (KM): all stations lying withing the selected KM range will be selected here

User can select any of the provided Destination option from the above 5 filters (station/principal/zone/ state/Km Distance).

All to All option is disabled to restrict number of records.

Notes provided in reports:

1. This utility is designed to facilitate users on Train Planning to cater rush period.
2. Please wait for some time for Station list loading.
3. Upto 5 Station codes can be entered in station & principal Station inputs.
4. Please select "Festival Type for TOD" from drop down menu for selecting the Train planning occasion for Demand Generation.
5. Unmet Demand (historical) is non-cancelled WL passengers after chart + WL cancelled passenger after Chart (incl. auto-drop passengers).
6. Total Demand is WL after Charting of Special & regular trains in historical data + Regular train WL for ARP Data.
7. In ARP-Train Demand, only cases where Unmet demand is more than 700 are visible.
8. New trains required=Round of (Total Demand of PRS)(PRS Growth %)/(Reserved Passengers/Trip). Default value of Reserved Passengers per trip is 1200 based on below calculation. A trip can accommodate 2000 passengers. Based on the preference and train-types the number of Reserved Passengers Per trip can be changed*

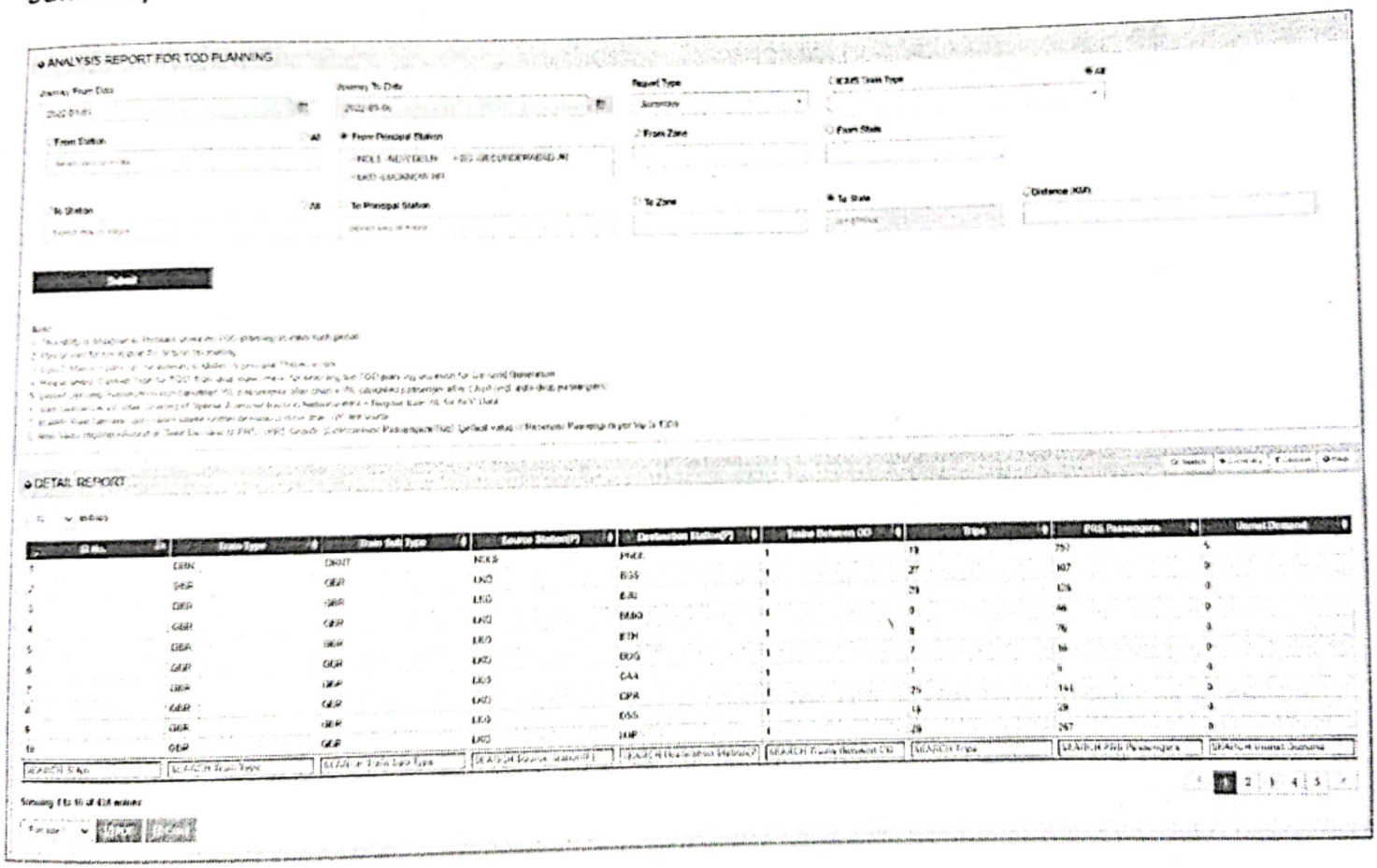
For SLB Coach Type			
Class	**Nos**	**Standard Capacity**	**Capacity**
1A	1	24	24
2A	2	46	92
3A	4	64	256
SL	6	72	432
2S	4	108	432
For PRS	**17**		**1236**
For UTS	4	200	800
Total	**21**		**2036**

The Report type has following drop down options:

1. Summary: For Train type wise OD pair analysis for selected inputs
2. Top 25/50: For getting top 25 or top 50 OD pairs (including Cluster stations) for selected inputs
3. ARP-Train Demand: Train Trip Demand Utility for planning & raising trips request to Operation users.
4. Detail: Date-wise train type wise OD pair analysis
5. Daily: Train no wise OD pair analysis

Details of each option with sample input output is provided below:

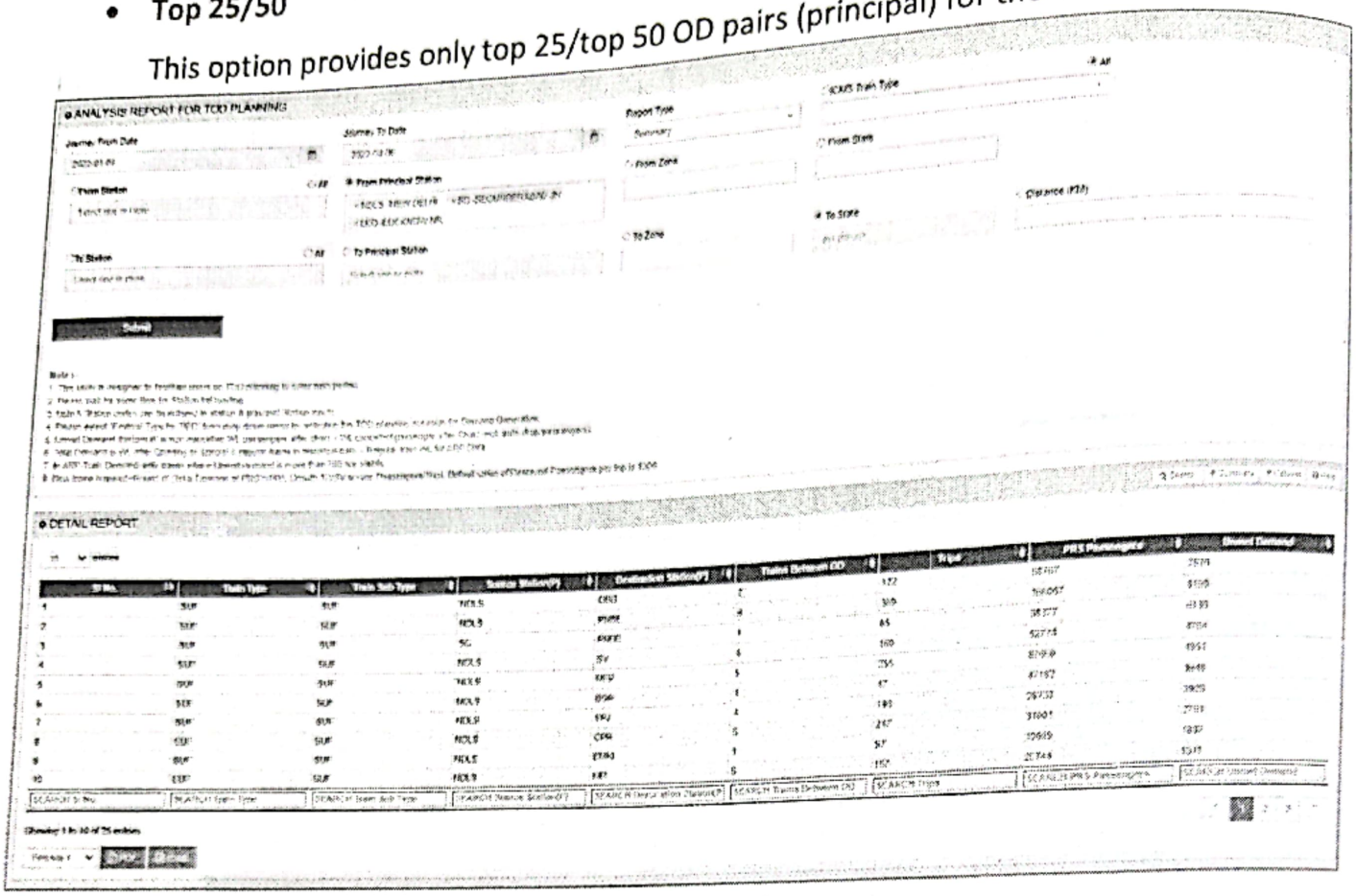
Summary:



The Summary option provides the ICMS train type/Sub Train type wise and principal O-D station wise total trains between the selected O-D inputs, total trips of these trains, no. of non-cancelled passengers and unmet demand – which is total WL passengers after charting (dropped passengers) this includes cancelled WL passengers after chart also.

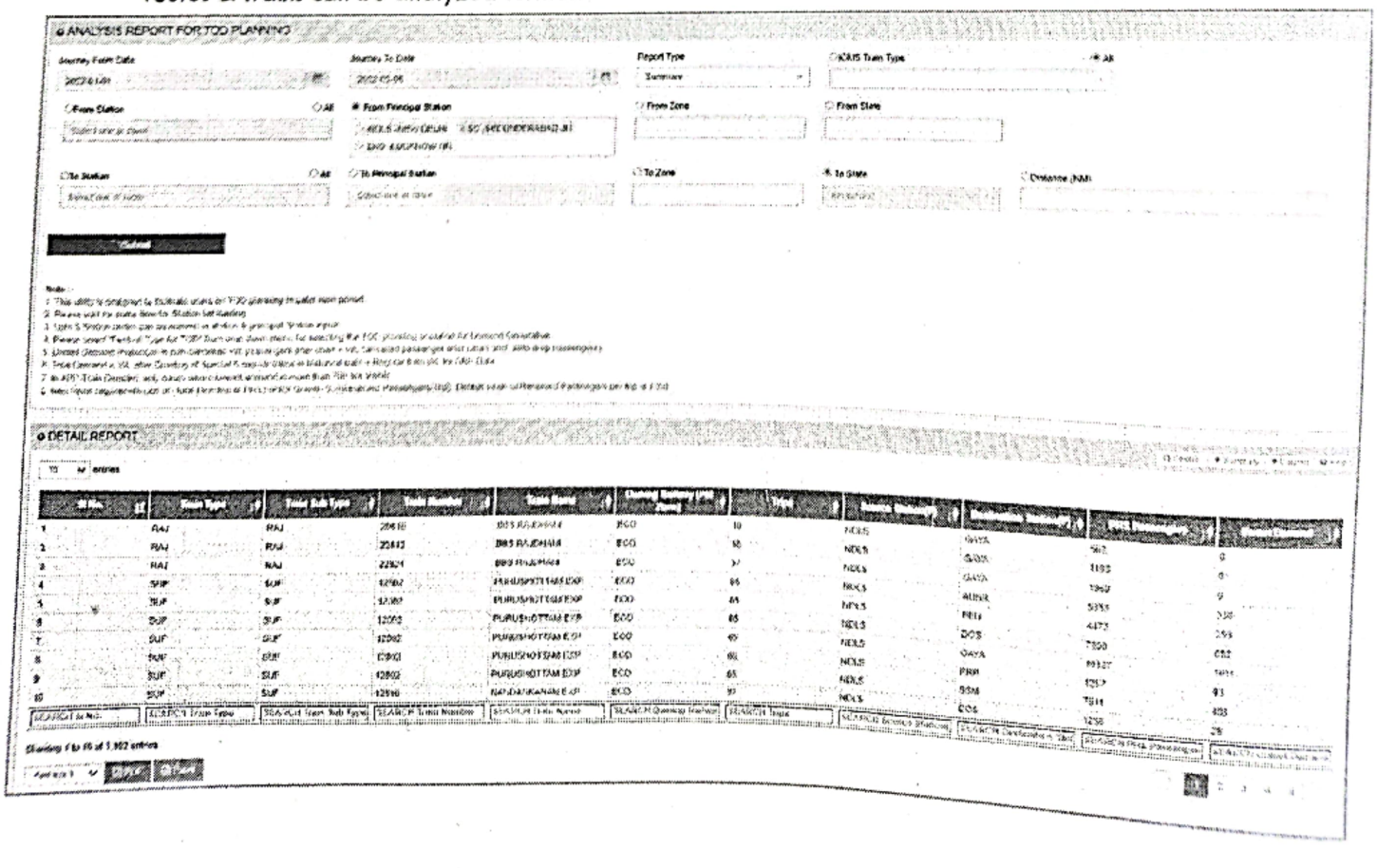
- **Top 25/50**

  This option provides only top 25/top 50 OD pairs (principal) for the selected inputs.

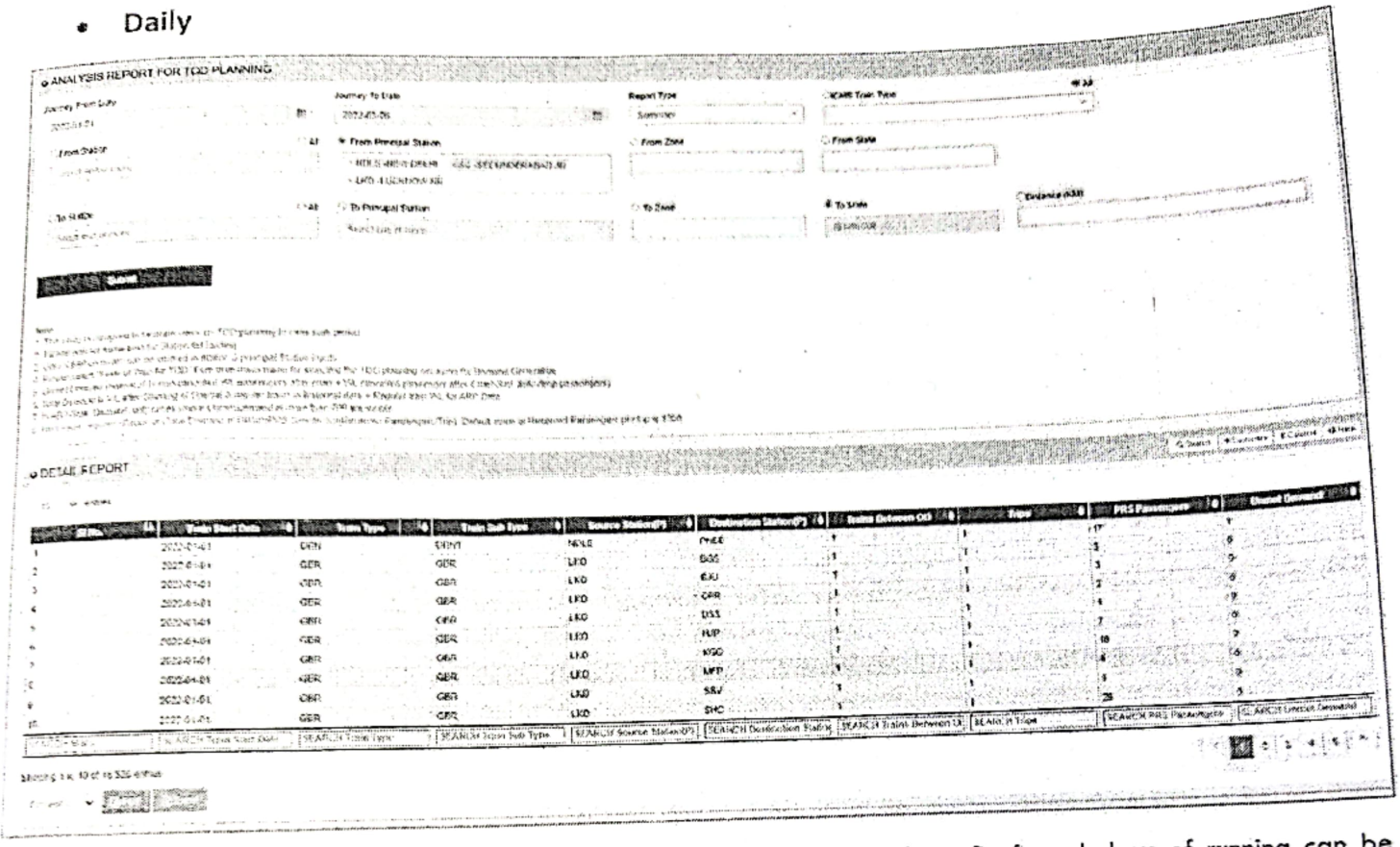


- **Detail**

  This option provides detailed train wise data for detailed data analysis. Based on this data the referred routes & trains can be analyzed further.



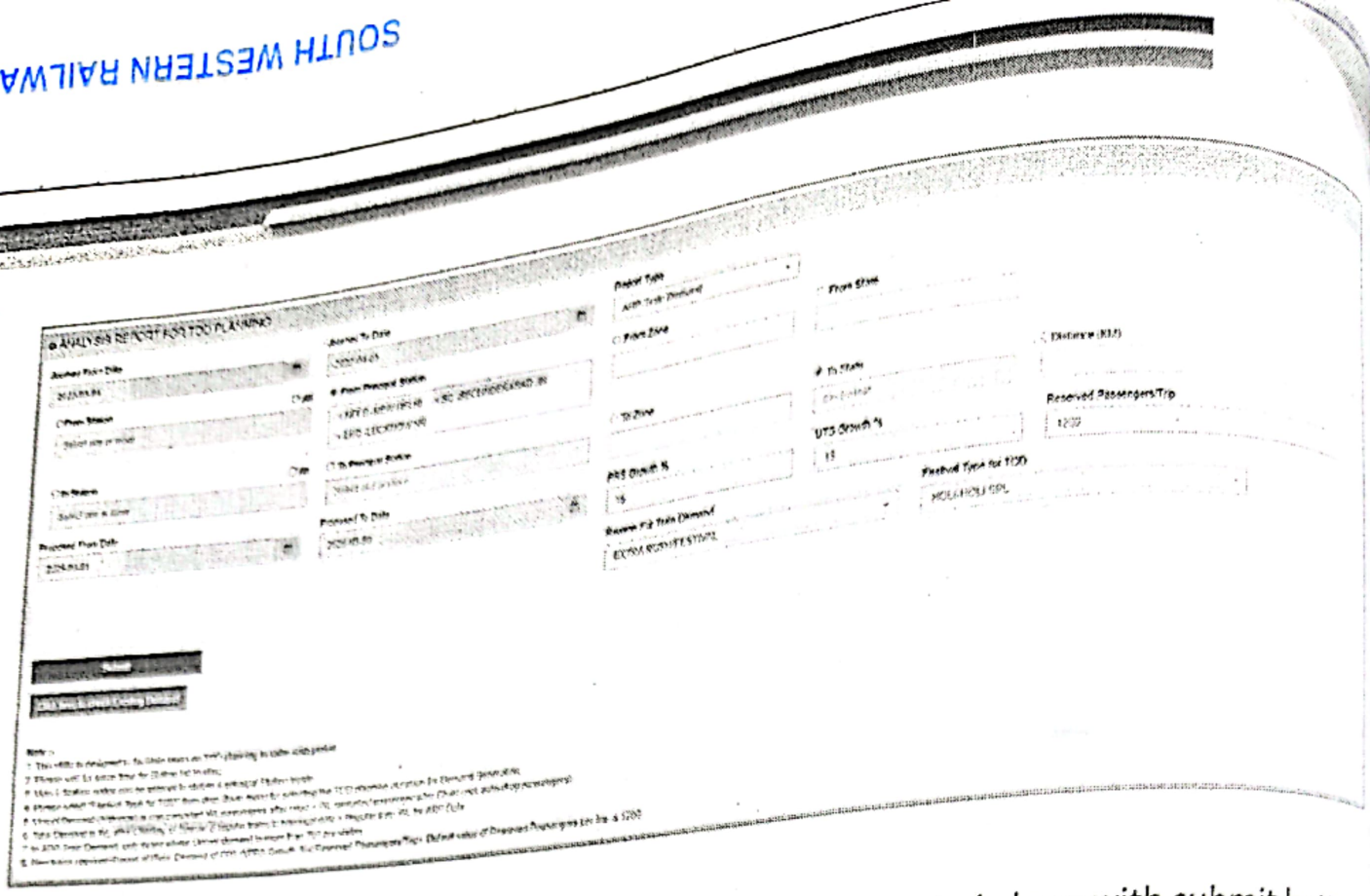
- Daily



This option provides detailed daily data for day-wise data analysis. Preferred days of running can be planned to use this report

- ARP-Train Demand

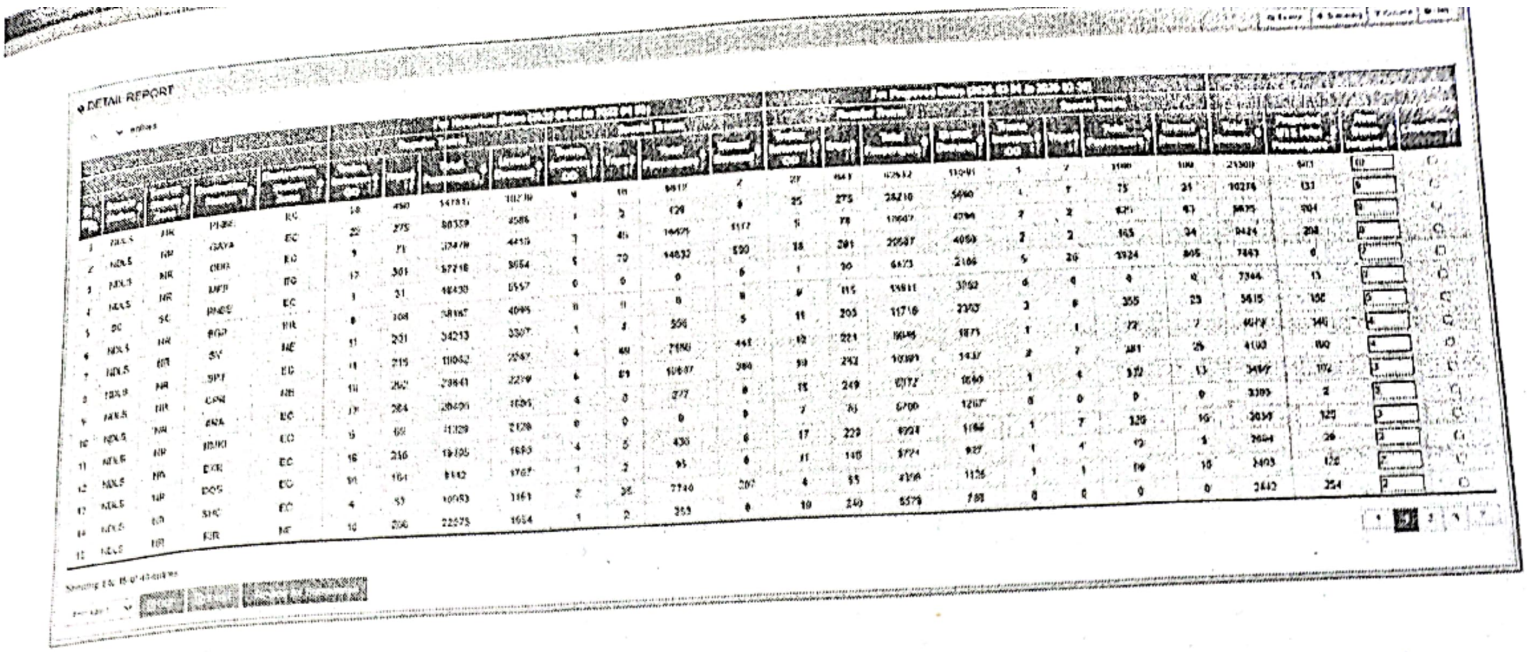
This is the main utility to finalised and raise the demands for operation.
All inputs are same as other options, the additional inputs are Proposed from Date and Proposed To Date (planned dates for new trains), the expected percentage growth in PRS and UTS passengers wrt the reference period, total Reserved Passengers planned in a trips. User can select the PRS passenger to decide the preference for PRS or UTS passengers. Finally, the reason for demand is entered, from the drop down menu – the available options are for Extra Rush/Festivals, Regular Train, Round the Year. For Extra Rush/Festivals, various festival types are provided as a drop down menu for selection.
The sample input page is provided below:



Another link "**Click here to check the existing demand**" is also provided along with submit button to check the already raised demand by any of the Zone user or Railway Board user to avoid duplication of demand and to check the status of demand raised and actions taken by CPTM office and Railway Board for operation of demanded trips.

Utility Output

Here the data is segregated in historical data (reference period) and separate train performance of regular trains and special trains (starting with 0) are shown. This provides the indicator of the performance of train in the reference period which can be used to plane for train in planned duration. The report also shows the current running train performance in the proposed dates (if it is withing ARP period), the unmet demand here are the current WL passengers after removing CNF cancellation and WL cancellation count. The total demand is historical unmet demand and the proposed date unmet demand into consideration. Special Trains details in proposed date section shows the performance of already running special trains.



New train trips required are calculated as follows:

Round of (Total Demand of PRS) x (PRS Growth %)/(Reserved Passengers/Trip).

The default value of Reserved Passengers per trip is 1200.

Where "Total Demand" is WL after Charting of Special & regular trains in historical data + Regular train WL for ARP Data.

Pl note, in this utility on OD's with Unmet demand is more than 700 are visible.

- *Access through Home Page*