

Projects/Activities

(1) Study on increasing the Average Speed of Freight Trains on MGS-GZB section:

A frame work for undertaking a study on average speed of freight trains was prepared wherein the control charts of the sections were analysed to ascertain the causes of the low average speed of freight trains. The causes so ascertained were confirmed through foot plate inspections. Thereafter attempts were made to find out the remedial measures through discussions with Zonal Railways officers and various directorates of RDSO.

The impact of the equipment failure were also discussed in RDSO so as to make a comprehensive list of items of various directorates which are more prone to failure and then to strengthen them for reducing equipment failure.

(2) Monitoring of the CCRS Recommendations pertaining to RDSO:

The recommendations of CCRS are being sent regularly to the concerned directorates of RDSO for consideration, comments and taking required action in the matter.

(3) Preparation of Specification for Safety Chain:

The specification for safety chain has been prepared and issued.

(4) Provision of Catch Sidings:

The Committee comprised of ED/Traffic, Director/MP, Director/Track and Director Signal-I deliberated on the issues relating to catch sidings. The committee recommended that in case of new lines or gauge conversion (NG/MG to BG), the need to provide a catch siding may be dispensed with subject to the prescribed conditions. Railway Board directed RDSO to send the suggested changes for revising the criteria for provision of catch siding to CCRS Lucknow. Accordingly a proposal was sent to CCRS Lucknow Chief Commissioner of Railway Safety.

The CCRS while deciding the proposal has mentioned that all proposals regarding provision of catch sidings for grade steeper than 1 in 80 and upto 1 in 37 should be routed through Commission of Railway Safety and conditions for these would include, inter alia provision of standard and duly RDSO approved braking devices including AEB & ODB in all the locomotives working the train in working condition duly certified by a senior supervisor of the railway just before start of graded section.

(5) Survey on Double Decker trains:

A Passenger feedback survey was conducted on Double Decker Train (Train No.12583) from Lucknow Junction to Anand Vihar Terminus on 22 Nos. of parameters related to various amenities/facilities provided in the train including catering services. Most of the services were found satisfactory except seat comfortability and availability of leg space. Catering services are also needed to be upgraded. (A Report No. TFC-94) has been prepared and sent to North Eastern Railway, IRCTC and Carriage Directorate of RDSO for taking necessary action.

(6) Enhancing passenger and freight throughput on existing network:

Advisory Group of Experts (AGE) formed a subcommittee for preparation of report on enhancement of passenger and freight throughput on existing network. Four meetings of subcommittee have been held at Rly.Board & NCR H.Q. /ALD. Based on deliberations, inputs from other Directorates have been collected and after completion a draft report has been sent.

(7) Survey on Humsafar trains:

Passenger feedback survey on various services being provided in Humsafar Trains especially to address passengers' satisfaction with respect to new facilities provided in two pair of Humsafar Express Trains i.e. Gorakhpur- Anand Vihar Terminus Humsafar Train No. 12595/12596 and Durg - Hazarat Nizamuddin Humsafar Train No.22867/22868 has been conducted and report (No.TFC-95) alongwith recommendations has been sent to SEC Rly Bilaspur, NE Rly Gorakhpur and IRCTC to take necessary action.

(8) Issue of Guidelines for Implementation of technological aid at NI-MLC:

A Study Report has been prepared by a multiple disciplinary team of RDSO consisting of ED/Track-II, ED/QA (S&T), ED/Signal and ED/Traffic on implementation of technological aid at non-interlocked LC gates on trial basis. The team studied the system of technological aid implemented in South Central Railway and West Central Railway and collected the feedback from concerned officials. On the basis of the detailed analysis, the joint study report has been prepared and submitted to Railway Board vide this Directorate's letter No. 98/TFC/2015/Safety L.C./Pt.IV dated 15.04.2019.Safety Directorate of Railway Board vide letter no.2019/Safety (A&R)/19/1 dated 15.05.2019 has issued guidelines for technological aid at non-interlocked LC gates on trial basis to all Zonal Railways.

(9) Design improvement in goods guards brake van:

Goods Trains Brake-Van footplate inspections were carried out by staff of Traffic Directorate during night hours. Further interactions were also held with Guards at stations and Guard lobbies. Suggestions have been conveyed to concerned Directorate for improvement in overall structure including proper door locking arrangement, better roof to avoid seepage of rain water inside, proper seating & toilet facility alongwith provision of light and fan etc.

(10) Study of Operating and Commercial Facilities available at Manak Nagar Railway Station of Lucknow Division (N R):

A study was taken up in respect of existing operating facilities and passenger amenities at Manak Nagar Station of Lucknow Division of Northern Railway. The Study Report (No.TFC-96) was finalized and sent to Lucknow Division of NR in October2019. The report made certain suggestions like: (i) Yard Remodeling: It is better to provide fourth line so that more trains may be accommodated at MKG station. Space is available for laying of new line by side of Line No-3. (ii) If double line section is laid between MKG and LJN/ASH then detention of the NER trains can be minimized. (iii) Due to Low Level Platforms several cases of death and grievous injuries to the passengers have occurred while entraining/detraining the trains. High level platform may be considered to avoid such incidences and (iv) The length of Platforms may be increased as space is available towards Gate No.2-A so that the longer trains may also be accommodated.

(11) Study of Operating and Commercial Facilities available at Aishbagh Railway Station of Lucknow Division, North Eastern Railway:

A study was taken up in respect of existing operating facilities and passenger amenities at Aishbagh Station of Lucknow Division of North Eastern Railway for making suggestion for further improvement. The report (No. TFC-97) has been sent to LJN Division (NER) in November2019.

(12) Study of goods handling facilities & amenities at various Goods sheds of LKO(NR) & LJN(NER) Divisions:

A study was taken up of various Goods sheds/Sidings in Lucknow & nearby areas like Alamnagar, Mohanlalganj, Barabanki, Amausi, Khairabad, Subhagpur(Gonda) and Sitapur (TSG) in respect of existing facilities available at Goods Sheds/Sidings like condition of approach road, availability of covered shed, proper light, drinking water facilities etc. The trend of traffic, both inward & outward as well as operational constraints also were focus of the study. The data for study was collected, studied and analysed from various goods sheds/ sidings

and report (No.TFC-98) has been prepared and issued in January2020 to Lucknow Divisions of Northern Railway and Northern Eastern Railway.

(13) Study Report on trend of Parcel Traffic on some major stations:

A study was taken up to assess the trend and flow of parcel traffic. The data for study was collected from major Parcel booking stations and study report (No. TFC-99) has been prepared & sent to Railway Board in February2020.Report included study of impact of GST (w.e.f.01.07.2017) also on overall parcel traffic.

(14) Review and Updating of Commercial Manual(IRCM):

Railway Board desired that RDSO should actively participate in review and updating of existing manuals. Traffic Directorate was nominated by DG/RDSO for review and updating of Commercial Manual(IRCM) vide letter No. Secy DG/Misc/2020 dated 28.04.2020. Accordingly, both the volumes of IRCM were reviewed chapter /parawise and consolidated remarks/comments were sent to Director/IRITM for further necessary action.