

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

No.2020/TG-I/20/P/e-Pass

New Delhi, dated 26.06.2020

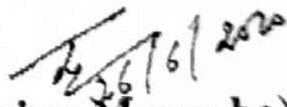
Principal Chief Commercial Managers,

1. Central Railway, Mumbai - CST.
2. Eastern Railway, Kolkata.
3. Northern Railway, New Delhi.
4. Southern Railway, Chennai.

Sub: Testing of ticket booking facility on PRS with online pass issued from HRMS.

Please find enclosed copy letter dated 24.06.2020 received from GM/HRMS/CRIS on the subject quoted above. It has been informed that pass module for Human Resource Management System (HRMS) is ready for implementation. The Passenger Reservation System (PRS) group of CRIS has done integration of online pass with PRS for ticketing. Detailed testing protocol defined by CRIS is enclosed.

It is requested that commercial department of zonal Railways should facilitate testing of ticket booking on e-pass/PTO in coordination with local CRIS and feedback sent to CRIS under intimation to this office.


(Sanjay Manocha)

**Jt. Director Passenger Marketing
Railway Board**

Copy to: GM/PRS, GM/UTS and GM/HRMS, CRIS, Chanakyapuri, New Delhi

CENTRE FOR RAILWAY INFORMATION SYSTEMS
(An Organisation Of The Ministry Of Railways, Govt. Of India)

Dated-24/06/2021

To
Executive Director, PC II
Railway Board

Sub-Testing of ticket bookings facility on PRS with online pass issued from HRMS

Pass Module for HRMS is ready for implementation. For testing upto the generation of online pass we have already provided training followed in an environment with credentials to S.C. Railway HQ, Secunderabad division and Kapurthala as per direction of Railway Board.

PRS group of CRIS has done integration of online pass with PRS for ticket booking. Detail testing protocol has been defined by PRS group (copy enclosed). Two concession codes have been defined EPRPAS - to book tickets on e-Pass and EPTO to book tickets on e-PTO. Functionality for issuance of tickets using e-Pass and using these concession codes is to be tested.

Hence, you are requested to kindly advise both Welfare and Passenger Marketing directorates to issue necessary directions for testing of ticket booking facility on PRS with online pass/e-PTO through all four PRS booking centers.

Early testing is desired for expeditious implementation.


(Manoj Kumar)
QM/HRMS

Attachment 1) Copy of testing instruction given by PRS/CRIS

4	Do booking on EPRPAS/EPTO concessions by entering valid OTP, pass number with correct journey and passenger details for the given pass	If booking is valid as per the business rules implemented in pass system, booking should go thru properly. Pass number should get printed on ticket properly. DTC/Summary should reflect correct information.	
5	Do EPRPAS/EPTO booking, for lower class travel eligible pass holders, in higher class	If booking is valid as per the business rules implemented in pass system, booking should go thru properly by collecting difference of fare. Pass number should get printed on ticket properly. DTC/Summary should reflect correct information.	
6	Do waiting list ticket bookings on EPRPAS/EPTO concessions	System should not display vikalp transfer option query during booking.	
7	Try to do booking on EPRPAS/EPTO concession holders along with non concessional passengers and non concessional child passengers (berth not opted and berth opted child passengers need to be tried)	If booking is valid as per the business rules implemented in pass system, booking should go thru properly. Pass number should get printed on ticket properly for passengers booked on e-pass/e-PTO. DTC/Summary should reflect correct information.	
8	Try to do booking on EPRPAS/EPTO concession holders along with other concessional passengers (like senior citizen concession)	If booking is valid as per the business rules implemented in pass system, booking should go thru properly. Pass number should get printed on ticket properly for passengers booked on e-pass/e-PTO. DTC/Summary should reflect correct information.	

II. Cancellation type transactions on e-passes and e-PTOs:

No	Test cases	Expected result	Remarks
1	Nonissue the PNRs booked on e-passes/e-PTOs	Transaction should go thru properly. Information getting printed on the ticket should be proper. DTC/Summary should reflect correct information.	
2	Cancel the PNRs booked on e-passes/e-PTOs. Part and full cancellation need to be tried	Transaction should go thru properly. Information getting printed on the ticket should be proper. DTC/Summary should reflect correct information.	

Requirement:

Bookings on e-Passes/e-PTOs need to be validated, by integrating booking client application, with HRMS pass validation system.

Business rules:

- Two new concession codes are defined, as below,
 - EPRPAS – to book on e-PASS (similar to privilege pass)
 - EPTO – to book on e-PTO (similar to PTO)
- During booking on EPRPAS/EPTO concession codes, 4 char OTP (mandatory) shall be captured in issuing station code field and pass number (mandatory) shall be captured in ticket number field. Applicable class code input shall not be captured from user, for e-pass/e-PTO passengers
- HRMS Pass validation system will validate the inputs and send response
- If pass system's response indicates that the input data is invalid, booking will not be allowed to proceed further with error message, indicating user about the reason for the error. User will be allowed to edit passenger/journey data.
- Booking on e-pass/e-ptō will be allowed only, if transaction is valid as per the business rules implemented in HRMS pass system.
- Bookings on existing concession codes shall also be allowed, as per existing business rules, for pass/PTO holders, who haven't registered for e-pass/e-PTO

TEST CASES:**I. Bookings on e-passes and e-PTOs:**

Note: Pl test below cases using form2, current booking form, BPT form, source cluster form, overseas booking form and special quota booking form (7/2). Bookings need to be tried in variable fare and normal fare trains.

No	Test cases	Expected result	Remarks
1	Try to do booking on EPRPAS/EPTO concessions without giving any input in issuing station field	System should force user to enter 4 char OTP in issuing station code field and pass number in ticket number field. System should not allow user to enter input in applicable class code field.	
2	Try to do bookings on EPRPAS/EPTO by inputting special characters or blank in between pass number/OTP	System should not allow booking.	
3	Do booking on EPRPAS/EPTO concessions by entering valid OTP, pass number, then purposely enter wrong passenger details for the given pass	After getting all passenger details system should display proper error message and should not allow booking.	

10	Try to avail student concession for e-pass/e-PTO passengers	System should not allow	
11	Cancel duplicate ticket issued for PNRs booked on e-pass/e-PTO	Transaction should go thru properly. Information getting printed on the ticket should be proper. DTC/Summary should reflect correct information	
12	Allot HO using 7/1 form for e-pass/e-PTO passenger	Transaction should go thru properly.	
13	After doing few current bookings on EPRPAS/EPTO concessions, prepare current booking chart using 7/30	Information getting printed on current booking chart for EPRPAS/EPTO passengers should be proper	

Bookings on privilege passes and PTOs who haven't registered for e-pass/e-PTO:

No	Test cases	Expected result	Remarks
1	Do bookings on privilege pass/PTO using existing concession codes.	Booking should go thru properly as per existing booking flow and rules. Information getting printed on ticket should be proper.	
2	Non issue/cancel PNRs booked on pass/PTO	Transaction should go thru properly.	

General testing

No	Test cases	Expected result	Remarks
1	Do bookings using all booking forms for non-concessional passengers incl. taktal booking form.	Booking should go thru properly as per existing booking flow. Information getting printed on ticket should be proper.	
2	Non-issue/cancel few PNRs	Transaction should go thru properly	
3	Do concessional bookings (other than pass/PTO) using form 2	Booking should go thru properly as per existing booking flow. Information getting printed on ticket should be proper.	