

First Ever Multiple Unit Pairing of WAP-4 LOCOS in IR

❖ Work involved for preparation of MU of WAP-4 Locos

Sl.no	Name of work
01	Preparation of MU Couplers for WAP-4 locos
02	Cable (19 core) cutting to suitable lengths , Crimping of coupler pins and lugs, numbering of cables as per circuit
03	Laying out MU coupler cables in loco and connections in cab -1 & 2 Sb's, bunching and securing cables.
04	MU coupler base frame preparation and welding , preparation of cable entry holes and cable securing clamps for mobile couplers, MU cable securing cleats provision inside the loco
05	Control circuit cables layout from Cab-1 & 2 SB to BD and to the equipment's., provision of BLVCD, LSGRO, LSG and wiring layout and clamps preparation

- The first ever WAP-4 MU in IR , **Loco no 22414 (WAP-4) + 25005 (WAP-4)** was rolled out in the month of August-20 from ELS/BZA. As off now three set of MU's with WAP-4 locos were rolled out and working online hauling goods trains of more than 3500 Tonnes. Initial cost incurred for preparation of three sets of locos was **7.2 lakhs** i.e 2.4 lakhs for single WAP-4 MU.

❖ Revenue Earnings Expected

- Expected revenue earning of **Rs 1,68,800** per MU per day (considering 8 hrs of working of locomotive and avg earning of **21,110 per hour for goods** service loco as per WTT 75).

Sl no	WAP-4 MU pair rolled out	Date	Expected earnings Till -15.03.21
1	22414+25005	29/08/20	Rs 3,61,76,400 /-
2	25032+25038	03/12/20	Rs 10,96,39,20 /-
3	22596+22594	09/12/20	Rs 89,50,640 /-
Total earnings expected by three WAP-4 MU's			Rs 6,50,90,960 /-



Launch of I-LoCo APP FIRST OF IT'S KIND IN SCR

- App for issuing of internal section related JOB cards on **WEB & Android based platform** was introduced recently by ELS/BZA .
- ❖ **Advantages of APP are:**
 - (i) One stop information solution for all job cards handling & Enables real-time operations & work progress monitoring
 - Reduces the amount of man hours on manual maintenance of information.
 - Remote monitoring on shed work progress for officers and supervisors & Reduces the amount of paperwork and improves consistency
 - Elimination of limitation in existing manual information systems & Information Dashboards
 - Uploading of pictures along with job card for ease of identification.



Dashboard

Welcome Els Admin

Loco Movement

Jobcards

Work Distribution

Daily Planning

LOCO Holding Summary MORE

203
Total ✓

200
In Operation ⚙️

3
Under Maintenance ⚠️

Jobcard Detailed Summary

28653 Schedule:IA
Arrival On:12-02-2021 18:05

JobCard No **B1** Completed
Created On **13-02-2021 05:22** Section **E3**
Assigned To : ANURAG KUMAR,MARUTHI RAM,SHALIGRAM KUMAR.

JobCard No **B4** Verified
Created On **13-02-2021 05:22** Section **E4**
Assigned To :- Book Staff

JobCard No **A2** Completed
Created On **14-02-2021 08:55** Section **E4**
Assigned To :-

JobCard No **B3** Completed
Created On **13-02-2021 05:22** Section **E5**
Assigned To : K. KI RAMAYYA M AIJITHUR + Add