A. Good practices/ systems/ facilities observed

1. **Nil NPOH movement to Raipur workshop:** In SECR no wagons are sent for NPOH repair to Raipur workshop. All NPOH wagons are sent to Bhilai marshalling yard (BMY) for repairs.

2. **“C” category repairs in WRC/BMY:** Repair of “C” category wagons is being done in Wagon Rehabilitation Centre (WRC) at BMY under an RSP sanction of Railway Board.

3. **Wide pathways:** PPYD has 6 examination lines with wide pathways, welding and compressed air facility, three high mast lights and pole mounted lights between pathways.

4. **Modern staff canteen:** The staff Canteen of PP Yard has been renovated under an LAW sanction of 2012-13, PH-52 (DRF) work at a cost of 23.13 lakhs. The renovated canteen now looks absolutely modern.

5. **Mobile work-stations:** Battery operated platform trucks have been modified as mobile workstations. This Mobile Workstation carries T&P like Hydraulic jacks (for changing spring), EM pad, CC pad, gas plant and materials like DV, Knuckle, Lock, Air hoses, EM pads, CC pads etc.

6. **Twin pipe rakes:** Out of 74 BOXNHL CC rakes maintained in PPYD, 25 BOXNHL CC rakes have been made twin pipe.

7. **No CTRB repair:** All wheels requiring CTRB replacement are being sent to Raipur workshop (in 2012-13 total 56473 bearings were inspected out of which 3229 Nos. of CTRB were marked unserviceable).

8. **Computer section:** The WARS Software developed by CAMTECH, Gwalior is being used for generation of useful analysis of ROH outturn, corrosion repair, Sick marking, component failures, Air brake repairs etc.

9. **Discussion Group:** A mailing group of all Mechanical officers of SECR, named “MechSECR”, has been created for technical discussions. Important official correspondence is also being uploaded in this group.

10. **Organisation of PPYD/BIA:** one Sr.DME, one SMM and one ADME are posted. Total workforce is 584 (Supervisor-45, Staff-539). SMM is having 149 stock items costing approximate Rs. 31.5 crores annually. The average imprest of this office is Rs. 2 lakhs with annual ceiling of Rs 1 crore.
B. Future Plans

1. **Covered shed:** At present the work gets hampered during rain (which also affects safety for welding etc) and productivity of workers also gets affected in the summer months due to intense heat. It is planned to cover the 6 examination lines (average length of each line is approx 850 mtrs.). In the first phase works have been sanctioned under LAW Book 2012-13, PH-42 (DF-III) for which tendering is in process.

2. **FMM:** The Pilot Project of Freight maintenance management (FMM) has been successfully executed by CRIS in NCR and NR. FMM module is proposed at four locations in Raipur division i.e. PP Yard, Exchange Yard, Dallirajhara and BMY. Initial surveys have been completed by CRIS on 01.05.13. A proposal is planned for inclusion in PWP 14-15 under PH-17.

C. Suggestions made to Officers and Supervisors

1. **Improve Quality:** Quality of Wagon repairs should be improved by bringing down sick marking within 90 days circulated by IRCA (this report is now being emailed to all CRSEs and CWMs).

2. **Reduce Hot Axles:** Workshops and ROH depots can monitor their own performance using the analysis uploaded every month on RDSO website on Railnet at 10.100.2.19/directorates/wagon design.

3. **Reduce Train Partings:** Implement Report of the “Must Change” committee and give monthly feedback of all train partings to RDSO, who are developing a similar monthly analysis like Hot Axles.

4. **Reduce Damages:** Officers should conduct joint checks as per the action plan issued vide DTT(G)/ Railway Board letter no. 2010/TT-IV/9/1 dated 8.10.12. One SSE attached to SrDME maybe assigned the job of identifying sidings where damages are taking place and also locate source of unloadable wagons.

_Ashesh Agrawal_
Ex. Dir. ME (Freight)

No. 2011/M(N)/951/20 dated: 2.8.13

**Copy to:**

1. Sr PPS to MM for kind information of MM
2. PSO to AM (ME) for kind information of AM (ME)
3. All CMEs/ Zonal Railways
4. EDS(Wagon)/RDSO
INFRASTRUCTURE of BHILAI WAGON DEPOT

Wide Pathway in PP yard Bhilai with Mobile work station

Renovated staff canteen of PP Yard Bhilai