



**INTEGRAL COACH FACTORY, CHENNAI – 600 038**

Phone: 46808 / 26146808

Telefax : 044-26261872

Office of the GM/Mech.Design,

Dated:20-05-2011

No. MD/DSS/DMU/ 165F

CMPE/DEMU, Northern Rly., Baroda House, New Delhi 110 001  
CMPE/Dsl , Southern Rly., Park Town, Chennai 600 003.  
CMPE/Dsl, South Central Rly., Rail Nilayam, Secunderabad-500 371  
CMPE/Dsl, Western Rly., Churchgate, Mumbai 400 020.  
CMPE/Dsl, Eastern Rly., Fairlie Place, Kolkata-700 001.  
CMPE/Dsl, South Eastern Rly., Garden Reach, Kolkata-700 043.  
CMPE/Dsl , North Eastern Rly,Gorakhpur,Uttarpradesh  
CMPE/Dsl, South WesternRly, Hubli  
CMPE/Dsl,South East Central Rly,Bilaspur  
CMPE/Dsl,East Central Rly,Hajipur,Bihar-844101  
CMPE/Dsl,North Western Rly,Jaipur-302006  
CMPE/Dsl,North Central Rly,Allahabad-211001  
CRSE/North-Frontier Rly,Maligaon,Guwahati-781011

Sub: Modification in DEMUs for 12/16 car operation – IR DEMUs.

ICF has started provision of ABCD Couplers in the Aero-dynamic profile DPCs being manufactured from 2010 onwards. To carry out modifications in the existing Aero-dynamic profile DPC, following will be action plan:

- 1) Fitment of the Coupler on the nose cone profile of the respective firm supplying the nose cone i.e. M/s.Kineco, HFGW, Kemrock, is to be done as per the drawings of the respective firms and has to be carried out by the nose cone suppliers at the respective Shed in the Railways.
- 2) For the provision of Coupler, Drg.No.DMU/DPC13-7-5-301 may be followed. Associated wiring diagram as per Drg. No.ICF/SK2-7-0-204and ICF/SK2-7-0-206 for facilitating 12/16 car rake operation has been issued. The items in electrical drawings can be procured by the Zonal Railway DEMU Sheds. Any assistance of Electrical Supervisors of ICF during wiring and fitment of Couplers will be provided to the Zonal Railways.

Contd....2

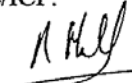
-: 2 :-

3. Drawings for the above modifications of IR DEMUs have been posted on the ICF website for which, link is as follows:

**10.53.2.11 - Mechanical - Design - DEMU**  
(ICF Railnet)

The above plan of action has been approved by CME/ICF.

Encl: Annexure - I

  
20/5/11  
(R. MUKUND)

Dy. CME/Design-I  
For General Manager/Mech.(Design)

Copy to: EDME/Tr.,  
Railway Board,  
NEW DELHI 110 001 } for kind information.

ANNEXURE -I

| S.NO. | DRG. NO.                                    | DESCRIPTION  | ISSUED BY                   |
|-------|---|--|-----------------------------|
| 1(a)  | HF-090703                                   | Composite Aerodynamic Front End                      | Hindustan Fibre Glass Works |
| 1(b)  | HF-090735                                   | Electrical wiring bracket                            | Works                       |
| 2(a)  | R081F202                                    | Front End  | Kemrock Industries          |
| 2(b)  | R091F229                                    | Electrical Coupler                                   |                             |
| 3     | 100-1101<br>(2 drawings)                    | Outer Composite Shell                                | Kineco                      |
| 4     | DMU/DPC <sub>13-7-5-301</sub> ,<br>alt`nil` | Arrangement of Coupler Socket                        | ICF                         |
| 5     | ICF/SK <sub>2-7-0-204</sub> , alt`g`        | Wiring arrgt. Of Driver's desk                       | ICF                         |
| 6     | ICF/SK <sub>2-7-0-206</sub> , alt`f`        | Terminal Board wiring Driver's desk(Aerodynamic-DPC) | ICF                         |
| 7     | Sketch                                      | Scheme for segregation +ve, -ve on trainline cables  | ICF                         |