

# **East Central Railway Danapur**



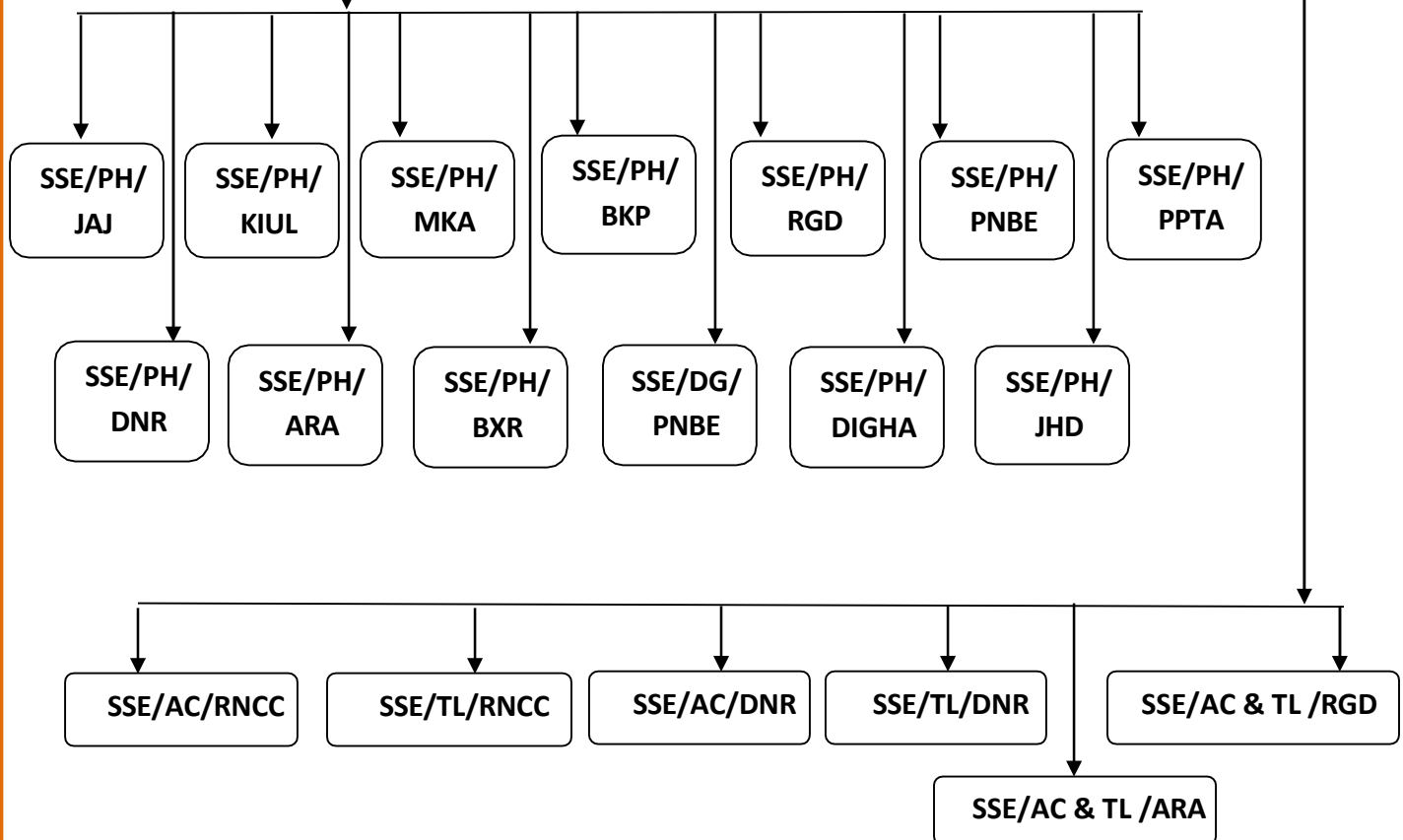
**Electrical (G)**  
**Danapur Division**

Organization Diagram of Electrical (G)  
Department/DNR

**Sr.DEE (G)**  
(Shivendra Kumar)  
(Mob:- 9771449300)

**DEE (G)**  
(MD.Fiyaz hussain)  
Mob:- 9771449305

**DEE (Coaching)**  
( MD.Fiyaz hussain)  
Addnl.



# A: - (POWER)

## Escalators over Danapur Division (18 Nos.)

| SL. | Station | Platform    | Location         |
|-----|---------|-------------|------------------|
| 01  | PNBE    | PF-10       | Middle FOB       |
| 02  | PNBE    | PF-10       | Middle FOB       |
| 03  | PNBE    | PF-10       | East FOB         |
| 04  | PNBE    | PF-01       | West FOB         |
| 05  | PNBE    | PF-01       | East FOB         |
| 06  | PNBE    | PF-01       | East FOB         |
| 07  | PNBE    | PF- 04 & 05 | Middle FOB       |
| 08  | PNBE    | PF- 04 & 05 | Middle FOB       |
| 09  | PNBE    | PF- 08 & 09 | Middle FOB       |
| 10  | PNBE    | PF- 08 & 09 | Middle FOB       |
| 11  | RJPB    | PF-01       | East FOB         |
| 12  | RJPB    | PF- 02 & 03 | East FOB         |
| 13  | ARA     | PF-01       | New FOB          |
| 14  | ARA     | PF- 02 & 03 | New FOB          |
| 15  | BXR     | PF-01       | New FOB          |
| 16  | BXR     | PF- 02 & 03 | New FOB          |
| 17  | PPTA    | PF-01       | (Up direction)   |
| 18  | PPTA    | PF-01       | (Down Direction) |

## Lifts over Danapur Division (30 nos.)

| SL. | Station          | No of Lift | Location             |
|-----|------------------|------------|----------------------|
| 01  | BXR              | 01         | PF-01                |
| 02  | BXR              | 01         | PF- 02 & 03          |
| 03  | RJPB(T)          | 01         | PF-01                |
| 04  | RJPB(T)          | 01         | PF- 02 & 03          |
| 05  | RJPB(T)          | 01         | PF-04                |
| 06  | ORH(RJPB)        | 01         | Residential building |
| 07  | Rail Ashray      | 02         | Residential building |
| 08  | Rail Vihar       | 02         | Residential Building |
| 09  | Digha            | 02         | Block "A"            |
| 10  | Digha            | 02         | Block "B"            |
| 11  | Digha            | 03         | Block "C"            |
| 12  | Digha            | 02         | (ORH)                |
| 13  | PPTA             | 01         | PF-01                |
| 14  | PPTA             | 01         | PF- 04 & 05          |
| 15  | MHX              | 01         | Meeting Hall         |
| 16  | Central Hospital | 02         | Main Entrance        |
| 17  | Central Hospital | 01         | Back Entrance        |
| 18  | Patna Jn.        | 01         | PF-10                |
| 19  | Patna Jn.        | 01         | PF-01                |
| 20  | Danapur          | 01         | PF-01                |
| 21  | Ara              | 02         | PF-04/01             |

### Roof Top Solar System in Danapur Division



| SL | Station        | Location                     | Capacity of Solar (kWp) |
|----|----------------|------------------------------|-------------------------|
| 01 | Rajendra Nagar | Station Building             | 75                      |
|    |                | RNCC Depot                   | 260                     |
|    |                | New ORS                      | 20                      |
|    |                | Guard Room                   | 30                      |
|    |                | <b>Total at RJPB:-</b>       | <b>385</b>              |
| 02 | Patna Junction | Central Hospital             | 145                     |
|    |                | Station Building             | 442                     |
|    |                | Power House                  | 50                      |
|    |                | <b>Total at PNBE:-</b>       | <b>637</b>              |
| 03 | Danapur        | DRM Office                   | 250                     |
|    |                | Railway Hospital             | 150                     |
|    |                | Railway School               | 100                     |
|    |                | Station Building             | 20                      |
|    |                | OPD Railway Hospital         | 100                     |
|    |                | <b>Total at DNR:-</b>        | <b>620</b>              |
| 04 | Patliputra     | Platform Shed                | 140                     |
|    |                | <b>Total at PPTA:-</b>       | <b>140</b>              |
| 05 | Rajgir         | Platform Shed                | 50                      |
|    |                | Rest house(open line)        | 100                     |
|    |                | <b>Total at RGD:-</b>        | <b>150</b>              |
| 06 | 5 no. stations | 1.Pws                        | 1.20                    |
|    |                | 2.PNC                        | 2.70                    |
|    |                | 3. FUT                       | 3.20                    |
|    |                | 4. BARH                      | 4.20                    |
|    |                | 5. BKP                       | 5.20                    |
|    |                | <b>Total :-</b>              | <b>150</b>              |
| 07 | PRP DIGHA      | PATEL SPORT STADIUM          | 260                     |
|    |                | <b>Total :-</b>              | <b>260</b>              |
|    |                | <b>Total in DNR Division</b> | <b>2342KWP</b>          |

**Provision of 100 feet National Flag over Danapur Division.**



| SL | Station            | Location                      |
|----|--------------------|-------------------------------|
| 01 | Patna Jn.          | Circulating Area (North Side) |
| 02 | Rajendra Nagar (T) | Circulating Area              |
| 03 | Patliputra JN.     | Circulating Area              |
| 04 | Danapur JN.        | Circulating Area              |
| 05 | Danapur            | Jagjivan Stadium              |
| 06 | ARA                | Circulating Area              |
| 07 | Jamui              | Circulating Area              |
| 08 | Shekhpura          | Circulating Area              |
| 09 | Nawada             | Circulating Area              |
| 10 | BXR                | Circulating Area              |



### Provision of HVLS (High Volume Low Speed) Fan over Danapur Division.



| SL | Station          | No of HVLS Fan | Location                        |
|----|------------------|----------------|---------------------------------|
| 01 | Patna Junction   | 03             | Main Concourse North Side       |
| 02 | Patna Junction   | 04             | Waiting hall cum booking office |
| 03 | Karbigahiya End  | 02             | Main Concourse South Side       |
| 04 | Central Hospital | 01             | Main Concourse                  |
| 05 | Patliputra       | 01             | Main Concourse                  |
| 06 | Patliputra       | 02             | Platform no-01                  |
| 07 | ARA              | 01             | Main Concourse                  |
| 08 | Buxer            | 02             | Main Concourse                  |
| 09 | Patna city       | 01             | Main Concourse                  |
| 10 | Jhajha           | 02             | Main Concourse                  |
| 11 | Dildarnagar      | 01             | Booking Office                  |
| 12 | Mokama           | 03             | Main Concourse                  |
| 13 | Barh             | 01             | Main Concourse                  |
| 14 | Barh             | 01             | Booking Office                  |
| 15 | Digha            | 02             | Stadium                         |
| 16 | Rajgir           | 01             | Main Concourse                  |
|    | <b>Total:-</b>   | <b>28</b>      |                                 |

## Facade lighting -

### ❖ Patna Jn.



### ❖ Rajendra Nagar :-



❖ Patliputra : -

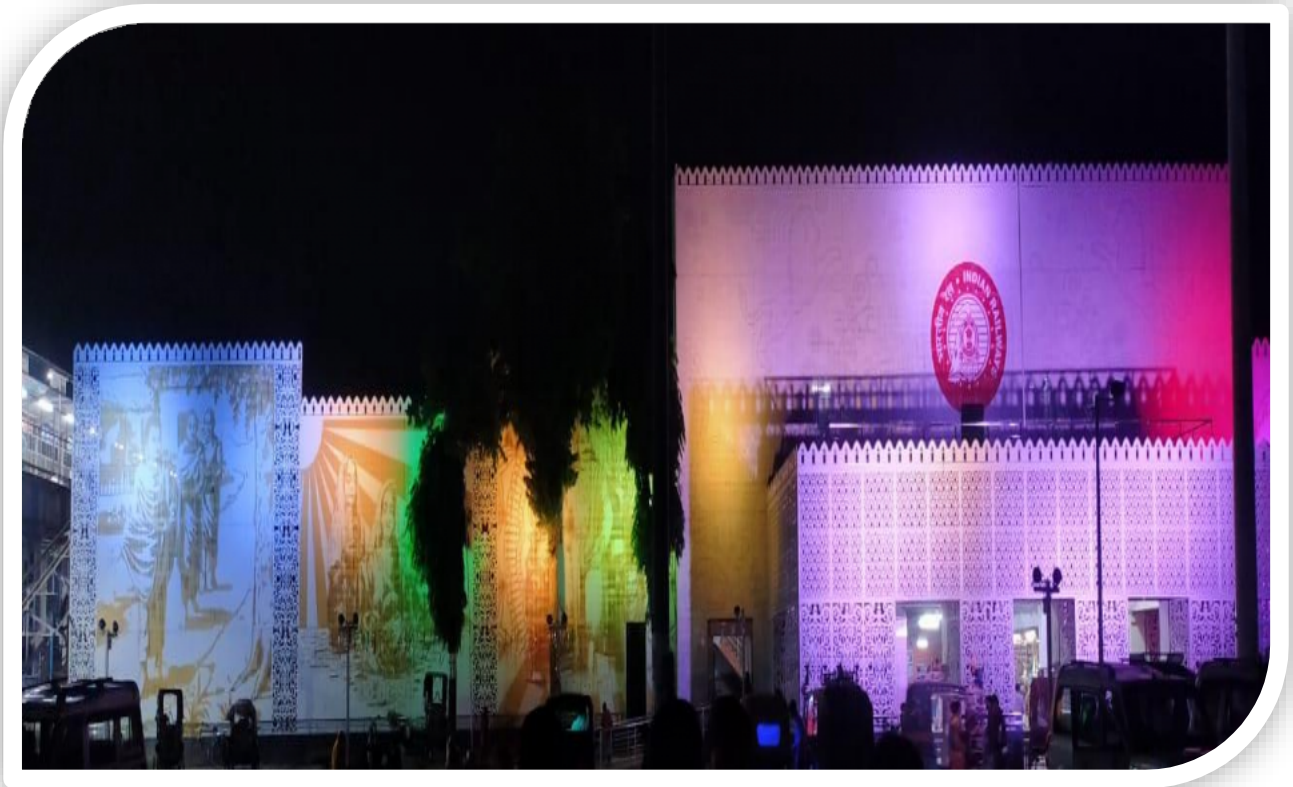


❖ Ihajha :-





❖ ARA Jn.:-



❖ Rajgir:-



❖ Provision of Hi Mast Light over Danapur Division.



| SL | Location | No of Tower | SL           | Location  | No of Tower |
|----|----------|-------------|--------------|-----------|-------------|
| 01 | JAJ      | 13          | 22           | BEA       | 1           |
| 02 | GHR      | 1           | 23           | DURE      | 2           |
| 03 | JMU      | 2           | 24           | BXR       | 3           |
| 04 | KEU      | 7           | 25           | DLN       | 1           |
| 05 | LKR      | 5           | 26           | PPNG      | 1           |
| 06 | HTZ      | 1           | 27           | TEA       | 2           |
| 07 | MKA      | 2           | 28           | JHD       | 3           |
| 08 | BARH     | 2           | 29           | JHDC      | 1           |
| 09 | BKP      | 1           | 30           | CKH       | 2           |
| 10 | FUT      | 10          | 31           | SRY       | 4           |
| 11 | PNC      | 1           | 32           | WRS       | 8           |
| 12 | GZH      | 2           | 33           | NWD       | 2           |
| 13 | RNCC     | 4           | 34           | SHK       | 3           |
| 14 | RJPB     | 5           | 35           | TIA       | 1           |
| 15 | PNBE     | 10          | 36           | WZJ       | 1           |
| 16 | MHX      | 1           | 37           | WENA      | 2           |
| 17 | PWS      | 3           | 38           | BEHS      | 2           |
| 18 | DNR      | 21          | 39           | RGD       | 5           |
| 19 | BTA      | 2           | 40           | PPTA      | 10          |
| 20 | KUA      | 2           | 41           | PRP Digha | 6           |
| 21 | ARA      | 10          | 42           | TRG       | 3           |
|    |          |             | <b>Total</b> |           | <b>168</b>  |

## ❖ Solar E.V. Charging System: -

✓ Provided in Divisional Rail Manager Office at Danapur.



- ❖ No of HT Connection: - 27 Nos. (33 KV= 03, 11 KV = 24 Nos.)
- ❖ No of LT Connection: - 139 Nos. (Station= 74, L.C. Gate= 65 Nos.)
- ❖ No of High Mast Tower: - 168 Nos.
- ❖ No of Electrified Halt/Station: - 156 Nos.
- ❖ No. of Electrified quarters: - 4191 Nos.
- ❖ No. of stationary DG sets: - 57 Nos.
- ❖ No. of Air-Conditions (Split & Window) : - 1003 Nos.
- ❖ No. of Centralized AC Unit (Ton): - 1825.50 Tons.
- ❖ No. of Water coolers: - 87 Nos.
- ❖ No. of Pumps: 200 Nos.
- ❖ No. of Power Depots: 19

(JAJ, KEU, SHK, NWD, MKA, BARH, BKP, BEHS, RGD, FUT, PNC, RJPB, PNBE, JHD, PPTA, DNR, ARA, BXR, DLN)

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## **B. (COACHING - AC & TL)**

❖ **DEPOT DETAILS: RNCC DEPOT HAVE LHB TYPE OF COACHES**

{**IN RAJENDRA NAGAR COACHING COMPLEX:-**}

| <b>SL</b> | <b>TYPE OF COACH</b>        | <b>HOLDING</b> | <b>BARE</b> |
|-----------|-----------------------------|----------------|-------------|
| <b>01</b> | LWFAC (1st AC) (TEJAS)      | 5              | 4           |
| <b>02</b> | LWACCW (2nd AC) (TEJAS)     | 12             | 10          |
| <b>03</b> | LWACCN (3rd AC) (TEJAS)     | 27             | 22          |
| <b>04</b> | LWCBAC (Pantry car) (TEJAS) | 3              | 2           |
| <b>05</b> | LWLRRM (Power car) (TEJAS)  | 5              | 4           |
| <b>06</b> | LWFAC (1st AC)              | 23             | 16          |
| <b>07</b> | LWFCWAC (1st & 2nd ac)      | 2              | 0           |
| <b>08</b> | LWACCW (2nd AC)             | 70             | 32          |
| <b>09</b> | LWACCN (3rd AC)             | 144            | 100         |
| <b>10</b> | LWACCNE (Economy 3rd AC)    | 18             | 16          |
| <b>11</b> | LWACCNAA (Economy 3rd AC)   | 11             | 0           |
| <b>12</b> | LWCBAC (Pantry car)         | 17             | 14          |
| <b>13</b> | LWLRRM (Power car)          | 26             | 19          |
| <b>14</b> | LWSCN (Sleeper)             | 139            | 96          |
| <b>15</b> | LWS (General)               | 63             | 64          |
| <b>16</b> | LSLRD                       | 25             | 15          |
| <b>17</b> | LWSCZAC Janshabdi AC)       | 6              | 7           |
| <b>18</b> | LWSCZ (Janshabdi non-AC)    | 49             | 43          |
| <b>19</b> | LWS(Janshabdi non-AC)       | 8              | 8           |
| <b>20</b> | LWLRRM(Janshabdi AC)        | 4              | 3           |
|           | LSLRD(Janshabdi non-AC)     | 4              | 3           |
|           | LWACCNE(Janshabdi AC)       | 0              | 1           |
| <b>19</b> | LWCBPP                      | 2              | 2           |
| <b>20</b> | LWSCNPP                     | 16             | 16          |
| <b>21</b> | LWSPP                       | 22             | 22          |
| <b>22</b> | LSLRDPP                     | 4              | 4           |
|           | <b><u>TOTAL</u></b>         | <b>705</b>     | <b>523</b>  |



❖ **03 NO. VANDE BHARAT EXP STARTED**

- 1) **(22349/50) w.e.f. 28.06.2023 between PNBE - RNC.**  
**(Rake composition -DTC- 02, TC – 02, MC-04, Load detail= 08 nos).**
- 2) **(22347/48) w.e.f. 26.09.2023 between PNBE - HWH.**  
**(Rake composition - TSDTC-2, TSMC-8, TSTC-4, TSNDTC-2, Load detail= 16nos).**
- 3) **(22345/46) w.e.f. 18.03.2024 between PNBE – GTNR.**  
**(Rake composition - DTC- 02, TC – 02, MC-04, Load details= 08 nos).**
- 4) **94804/03 Namo Bharat Rapid Rail Started w.e.f 25.04.2025**  
**between PNBE – JYG. ( PM- RNCC)**
- 5) **22361/62) Amrit Bharat Exp w.e.f 31.07.2025 between RJPB- NDLS.**  
**( PM- RNCC)**

## **2N DANAPUR COACHING COMPLEX: -**

### **❖ DETAILS OF LHB TYPE OF COACHES: -**

| <b>SL</b> | <b>TYPE OF COACH</b>     | <b>HOLDING</b> | <b>BARE</b> |
|-----------|--------------------------|----------------|-------------|
| <b>01</b> | LWFAC (1st AC)           | 3              | 1           |
| <b>02</b> | LWACCW (2nd AC)          | 10             | 2           |
| <b>03</b> | LWACCN (3rd AC)          | 9              | 5           |
| <b>04</b> | LWACCNE (Economy 3rd AC) | 1              | 1           |
| <b>05</b> | LWCBAC (Pantry car)      | 3              | 1           |
| <b>06</b> | LWLRRM (Power car)       | 5              | 3           |
| <b>07</b> | LWSCN (Sleeper)          | 10             | 6           |
| <b>08</b> | LWS (General)            | 45             | 44          |
| <b>09</b> | LSLRD                    | 5              | 3           |
| <b>10</b> | LWSCZ (Janshabdi non AC) | 0              | 0           |
|           | <b>TOTAL</b>             | <b>91</b>      | <b>66</b>   |

### **❖ DETAILS OF ICF (NON-LHB) TYPE OF COACHES: -**

| <b>SL</b> | <b>TYPE OF COACH</b>                | <b>HOLDING</b> | <b>BARE</b> |
|-----------|-------------------------------------|----------------|-------------|
| <b>01</b> | WGSCZACJ (Janshabdi AC chair car)   | 2              | 0           |
| <b>02</b> | WGSCZJ (Janshabdi Non-AC chair car) | 3              | 0           |
| <b>03</b> | WGSCZRJ                             | 0              | 0           |
| <b>04</b> | WGFAC (1st AC)                      | 0              | 0           |
| <b>05</b> | WGFACCW (1st & 2nd AC)              | 0              | 0           |
| <b>06</b> | WGACCW (2nd AC)                     | 12             | 2           |
| <b>07</b> | WGCWNAC (2nd & 3rd AC)              | 0              | 0           |
| <b>08</b> | WGACCN (3rd AC)                     | 20             | 4           |
| <b>09</b> | WGACCN/C 3rd AC)                    | 0              | 0           |
| <b>10</b> | WGSCZAC (AC chair car)              | 4              | 2           |
| <b>11</b> | GS/GSCZ (General)                   | 110            | 68          |
| <b>12</b> | GS/GSCZ/C (General)                 | 4              | 0           |
| <b>13</b> | WGSCN (Sleeper)                     | 74             | 12          |
| <b>14</b> | WGSCN/C (Sleeper)                   | 2              | 0           |
| <b>15</b> | WGCB (Pantry car)                   | 0              | 0           |
| <b>16</b> | SLR                                 | 24             | 10          |
| <b>17</b> | SLR/C                               | 0              | 0           |
|           | <b>TOTAL</b>                        | <b>255</b>     | <b>98</b>   |

**{3N RAJGIR COACHING COMPLEX: -**

❖ **DETAILS OF LHB TYPE OF COACHES: -**

| SL        | TYPE OF COACH       | HOLDING   | BARE      |
|-----------|---------------------|-----------|-----------|
| <b>01</b> | LWFAC (1st AC)      | 4         | 3         |
| <b>02</b> | LWACCW (2nd AC)     | 11        | 6         |
| <b>03</b> | LWACCN (3rd AC)     | 20        | 18        |
| <b>04</b> | LWCBAC (Pantry car) | 4         | 3         |
| <b>05</b> | LWLRRM (Power car)  | 4         | 3         |
| <b>06</b> | LWSCN (Sleeper)     | 22        | 18        |
| <b>07</b> | LWS (General)       | 14        | 12        |
| <b>08</b> | LSLRD               | 4         | 3         |
| <b>01</b> | <b>TOTAL</b>        | <b>83</b> | <b>66</b> |

❖ **DETAILS OF ICF (NON-LHB) TYPE OF COACHES: -**

| SL        | TYPE OF COACH          | HOLDING   | BARE     |
|-----------|------------------------|-----------|----------|
| <b>01</b> | WGFACCW (1st & 2nd AC) | 3         | 0        |
| <b>02</b> | WGACCW (2nd AC)        | 4         | 0        |
| <b>03</b> | WGACCN (3rd AC)        | 8         | 0        |
| <b>04</b> | GS/GSCZ (General)      | 20        | 0        |
| <b>05</b> | WGSCN (Sleeper)        | 28        | 0        |
| <b>06</b> | WGCB (Pantry car)      | 0         | 0        |
| <b>07</b> | SLR                    | 7         | 0        |
|           | <b>TOTAL</b>           | <b>70</b> | <b>0</b> |

**{4N ARA COACHING COMPLEX: -**

**❖ DETAILS OF LHB TYPE OF COACHES: -**

| <b>SL</b> | <b>TYPE OF COACH</b>     | <b>HOLDING</b> | <b>BARE</b> |
|-----------|--------------------------|----------------|-------------|
| <b>01</b> | LWFAC (1st AC)           | 10             | 6           |
| <b>02</b> | LWACCW (2nd AC)          | 16             | 12          |
| <b>03</b> | LWACCN (3rd AC)          | 46             | 36          |
| <b>04</b> | LWLRRM (Power car)       | 13             | 12          |
| <b>05</b> | LWSCN (Sleeper)          | 45             | 36          |
| <b>06</b> | LWS (General)            | 25             | 24          |
| <b>07</b> | LSLRD                    | 0              | 0           |
| <b>08</b> | LWACCNE (Economy 3rd AC) | 2              | 6           |
| <b>09</b> | LWSCZAC                  | 0              | 2           |
| <b>10</b> | LWSCZ                    | 12             | 8           |
| <b>11</b> | LWS                      | 11             | 26          |
| <b>12</b> | LWLRRM                   | 2              | 2           |
| <b>13</b> | LWACCNE                  | 0              | 2           |
| <b>14</b> | LSLRD                    | 3              | 2           |
|           | <b>TOTAL</b>             | <b>185</b>     | <b>174</b>  |

**❖ ARA DEPOT HAVE ONLY LHB TYPE OF COACHES**



**{5N PATNA COACHING COMPLEX: -**

❖ **DETAILS OF ICF (NON-LHB) TYPE OF COACHES: -**

| <b>SL</b> | <b>TYPE OF COACH</b>   | <b>HOLDING</b> | <b>BARE</b> |
|-----------|------------------------|----------------|-------------|
| <b>01</b> | WGFAC (1st AC)         | 2              | 0           |
| <b>02</b> | WGACCW (2nd AC)        | 5              | 0           |
| <b>03</b> | WGCWNAC (2nd & 3rd AC) | 12             | 0           |
| <b>04</b> | WGACCN (3rd AC)        | 7              | 0           |
| <b>05</b> | GS/GSCZ (General)      | 33             | 13          |
| <b>06</b> | WGSCN (Sleeper)        | 35             | 0           |
| <b>07</b> | WGCB (Pantry car)      | 0              | 0           |
| <b>08</b> | SLR                    | 10             | 2           |
|           | <b>TOTAL</b>           | <b>104</b>     | <b>15</b>   |



❖ **PATNA COACHING DEPOT HAVE ONLY ICF (NON-LHB) TYPE OF COACHES**

❖ **HOLDING of DNR division LHB & ICF coaches**

| <b>DEPOT</b> | <b>HOLDING</b> |            | <b>Total<br/>HOLDING</b> |
|--------------|----------------|------------|--------------------------|
|              | <b>LHB</b>     | <b>ICF</b> |                          |
| <b>RNCC</b>  | <b>705</b>     | 0          | <b>705</b>               |
| <b>DNR</b>   | 91             | 255        | <b>346</b>               |
| <b>RGD</b>   | 83             | 70         | <b>153</b>               |
| <b>ARA</b>   | 185            | 0          | <b>185</b>               |
| <b>PNBE</b>  | 0              | 104        | <b>104</b>               |
| <b>TOTAL</b> | <b>1064</b>    | <b>429</b> | <b>1493</b>              |

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