

## Telecom Highlights (2020-21)

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<b>1</b>	Automatic computerized PA system has been provided at Divisional Railway hospital (DRH), Nagpur against the Covid-19 pandemic.		
<b>2</b>	Railway Telephones have been provided at 6 disaster locations viz. (i)DRH(ii) Nagpur station Railway Institute ,Ajni(iv) RPF barrack, Ajni(v) BTC(C &W),Ajni and (vi) BTC (Engg), Ajni against the Covid-19 pandemic.		
<b>3</b>	Old battery sets have been replaced with new VRLA, 200 AH/48 V Exide make battery sets for OFC equipment at Nagpur, Metapanjra and Katol stations.		
<b>4</b>	STM1 and MUX have been installed at Gunjan Sabhagrah for providing connectivity of CTO, COA, FOIS, Rail net, and Telephones for emergency against COVID-19 pandemic.		
<b>5</b>	PRS Enquiry Connectivity provided at Main Entrance of Nagpur Station for Automated Ticket Checking & Managing Access System (ATMA).		
<b>6</b>	Two-way speakers have been provided in PRS/UTS Enquiry counter at NGP station against COVID -19 pandemic.		
	SN	Locations	No. of 2Way Speakers
	1	PRS Enquiry counter, Nagpur	4
	2	UTS Enquiry counter,Nagpur	5
	3	Main Porch,Nagpur	1
	4	ATMA,Nagpur	2
	5	Divisional Rly Hospital, Nagpur	2
		Total	14
<b>7</b>	Passenger Information System has been integrated with NTES server at Nagpur, Betul ,Ajni Station.		
<b>8</b>	Maintenance free Earth has been provided at 12 locations viz. Gumgaon,Umred, Ghugus, Mursa,Chandapur Thermal Power Station, Tadali , Bharatwada, D cabin Nagpur ,Chord cabin, Kalmeshwar and Ghodhani stations.		
<b>9</b>	Control communication has been provided on OFC cable at Mursa and Ghugus station.		
<b>10</b>	10 Mbps bandwidth Ethernet circuit has been provided at Ajni, Betul and Wardha S & T Training center.		
<b>11</b>	12V,15A VHF chargers have been replaced at 11 locations Ghodhni,Bharatwada,Kalmeshwar,Kohali,Narkhed,Teegaon,Darimeta,Pandhurna,Nagpur RRI, Nagpur D cabin and Dy.SS (Outdoor) Nagpur.		
<b>12</b>	Hot line channel has been commissioned from RRI Central, Nagpur to Ghodhani station for panel testing.		

<b>13</b>	Multi Telephone Way station Equipment (MTWE) has been installed for 2 Wire control Telephone at stations in Nagpur-Badnera,Majri-Pimpalkhuti and Makardhoka-Umred section.															
<b>14</b>	The Cisco catalyst 3560 layer 3 fast Ethernet switch has been upgraded by Cisco catalyst 3850 layer 3, 12 ports Gigabit Ethernet SFP switch for Railnet network.															
<b>15</b>	8 kms 24 Fiber OFC cable has been commissioned in Vivekanand- ChandrapurThermal Power station (CTPS) and Sevagram-Chitoda block section.															
<b>16</b>	IP based Avaya make the exchange (Gateway 8 port) has been commissioned at Majri station.															
<b>17</b>	114 kms Old RE cable has replaced by new 6 Quad Cable in 16 block sections.															
<b>18</b>	OFC of following sections have been handed over to M/s RCIL. <table border="1" data-bbox="240 688 922 892"> <thead> <tr> <th>SN</th> <th>Sections</th> <th>Length(RKm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Butibori-Umred</td> <td>33.7</td> </tr> <tr> <td>2</td> <td>Ghoradongari-Sarni</td> <td>18.14</td> </tr> <tr> <td>3</td> <td>Tadali-Ghuhus</td> <td>14.11</td> </tr> <tr> <td>4</td> <td>Ghodhani-Chord Cabin</td> <td>4.78</td> </tr> </tbody> </table>	SN	Sections	Length(RKm)	1	Butibori-Umred	33.7	2	Ghoradongari-Sarni	18.14	3	Tadali-Ghuhus	14.11	4	Ghodhani-Chord Cabin	4.78
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