

RIGHT HAND SIDE SIGNALS OF NGP DIVISION

AS ON 16.12.2025

SN	Station	Station/Signal	Location
NAGPUR-BADNERA (NGP-BD) UP			
1	NGP	Gds Line - 1 Starter (S-28)	
2		Gds Line - 6 Starter (S-23)	
3		Line - 2 Starter Pass. Yd (S-42)	
4		PF No. 1 (S-46)	
5		PF No. 6 Starter (S-33)	
6		Intermediate Starter (S-48)	835/32-30
7	BTBR - BOK	Automatic Signal S-80308	803/08
8	BOK (4th Line)	Distant (Extreme)	803/11A
9		Inner Distant (Extreme)	802/11B
BADNERA - NAGPUR (BD-NGP) DN			
10	BD - TMT	IBS (S-83) (Extreme)	668/02-04
11	MLR-CND	Gate Inner Distant (LC-69A) (Extreme)	867/10
12	PLO	C/L/Line Starter (S-6)	
13		C/L/Line Starter (S-5)	
14	WR	Routing Home (S-7) for PF 3 & 4/Yd.	757/19-21
15		M/Line Starter (S-16)	758/14-17
16	BTBR (3rd Line)	Distant (Extreme)	806/2A-4A
17	NGP	Routing Home (S-14) for Gds Yd.	
18		PF-2 Starter (S-64)	
19		PF-5 Starter (S-69)	
20		PF-7 Starter (S-72)	
21		PF-8 Starter (S-74)	
SEWAGRAM - BALHARSHAH (SEGM-BPQ) DN			
22	CHJC (From WR)	M/Line Starter (S-12)	762B/10
23	HGT	C/L/Line Starter (S-12)	791/05
24	WRR-MJRI	IBS Distant (Extreme)	833/44-834/02
25		IBS (S-9) (Extreme)	835/32-836/02
26	MJRI	Starter C/L/Line (S-43)	842/33
27		Starter GL/Line-5 (S-50)	
28	TAE	Intermediate Starter (S-8)	862/38-40
29	BUPH	C/L/Line Starter (S-13)	881/27-29
30		C/GL/Line Starter (S-14)	881/27-29
31	BPQ	Routing Home (S-8)	889B/36-38A
32		M/Line Starter PF -2 (S-43)	890/24
33		L/Line Starter PF-3 (S-44)	890/24
34		Starter GL- 3 (S-33)	BPQ 3217

35		Starter GL-4 (S-34)	BPQ 3217
BALHARSHAH - SEWAGRAM (BPQ-SEGM) UP			
36		L/L Starter PF-1 (S-15) (Towards NGP)	889/38-36
37	BPQ	Starter GL- 1 (S-28)	BPQ 1065
38		Starter GL-2 (S-27)	BPQ 2101
39	CD	Inner Distant	878/27-25
40		Home (S-18)	877/35-33
41	VVKN	Advance Starter (S-15)	872/13-11
42	Tadali (A-Cabin)	M/Line Starter (S-41)	TAE 18-19
43	TAE	Starter GL/Line- 1 (S-18)	TAE1027-1023
44	MJRI-WRR	IBS Distant	838 /03-01
45	WRR	M/Line Starter (S-29)	829/37-35
46	WRR-CKNI	IBS Distant	826/09-07
47	CKNI	Distant	822/37-35
48	NGI-YNA (LC-19)	Gate Inner Distant	805/33-31
49	HGT	C/L/Line Starter (S-12)	791/05
50	BPK	Distant (Extreme)	771/21-19
NAGPUR - ITARSI (NGP-ET) UP			
51		PF-2 Starter (S-64)	
52		PF-5 Starter (S-69)	
53	NGP	PF-7 Starter (S-72)	
54		PF-8 Starter (S-74)	
55		Intermediate Starter (S-85)	
56	KOHL-SNKB	IBH Distant	1004/23-21
57	TNH	Distant	966/17
58	NRKR	Gds Starter (S-37)	
59	DDMT	Home (S-4) (Extreme)	947/3
60	JKR-AMLA	IBS Distant (Extreme)	883/19
61		Distant	878/17
62	AMLA	R&D Line-2 (S-61)	874/24A
63		R&D Line-1 (S-62)	AMF-1048
64	BYS	Distant	868/03
65	MJY	Home (S-20)	844/02
66		Repeater Home (Extreme)	831/33
67	DHQ	Home (S-20) (Extreme)	831/17
68		Advance Starter (S-15) (Extreme)	829/25
69	BBTR	Advance Starter (S-14)	802/27
70	DOH	Distant (Extreme)	795/27
71	KSLA	Inner Distant	762/23
72		Distant	759/09

73	KRTH	Inner Distant (Extreme)	757/39
74		Home (S-20)	756/47
75		Starter M/Line (S-19)	755/21
76	JHP	Home (S-140)	748/31
ITARSI - NAGPUR (ET-NGP) DN			
77	ET	Starter PF-3 (S-38)	745/11-13
78	KRTH	Advance Starter (S-8)	756/28
79	KSLA	Distant	759/26
80	TAKU	Distant	764/30
81	DOH	Home (S-2)	791/32
82	BBTR	Distant (Extreme)	800/24
83		Inner Distant	801/26
84	DHQ	Home (S-2) (Extreme)	829/10
85	MJY	Home (S-2) (Extreme)	842/20
86	BZU	Home (S-1)	850/10
87		Starter L/Line (S-7)	851/36
88	NRKR	Starter Main Line (S-9)	957/08
89	TNH	Distant (Extreme)	960/18
90	TNH (3rd Line)	Distant	
91	KATL	Starter Main Line (S-13)	982/06
92	KLBA	Distant	
93	MER-SNKB	IBH Inner Distant (Extreme)	993/28
94	KOHL-KSWR	IBS Inner Distant	1011/06
95	BWRA	Inner Distant (Extreme)	1027/4
96	NGP	Home (S-115)	
97		Routing Home PF 3 to 6 (S-116)	
98		Routing Home PF -1 & L No 2 (S-118)	
99		Routing Home (S-111)	
100		Routing Home For Gds Yd. (S-113)	
AMLA-CHHINDWADA (AMLA-CWA) (DN)			
101	JMV	Distant	886/08
102	NVG	Distant	915/07
103		Home (S-2)	916/11
104		L/Line Starter (1st)	917/18
105	JNO	Home (S-3)	941/07
106	CWA	Gate -13 (S-2)	980/9
107		Gate-17 (S-2)	986/4
CHHINDWADA-AMLA (CWA-AMLA) (UP)			
108	CWA	Gate-13 (S-4)	980/22
109	NVC	Distant	919/14

110	RVG	Home (S-22)	918/13
111	JMV	Starter Main Line (S-19)	887/17
112	AMLA	Routing Home 1st (S-40)	875/40
113		Routing Home 2nd (S-41)	875/24
MAJRI-ADILABAAD (MJRI-ADB)			
114	MJRI	Starter (C/L/Line) (S-43)	842/33
115		Starter GL-5 (S-50)	842/33
116	MJKN	Starter M/Line (S-6) (Extreme)	845R/35
117		C/C/L Starter-3 (S-7)	845R/35
118	WANI	Starter M/Line (S-9)	856/01
119		Starter WCL (S-11)	856/01
120		Adv. Starter S-15 (Towards RJUR)	856/11
121	PMKT	Starter L/Linne 1st (S-8)	922/02-03
122		Starter M/Line (S-7) (Extreme)	922/02-03
ADILABAAD - MAJRI (ADB-MJRI)			
123	PMKT	Starter L/Loop 2nd (S-17)	921/6
124	WANI	Home (From KYR) S-21	WUN 1073
125		Pass. L/Line Starter (S-32)	WUN 1008
126		G/L/Line-1 Starter (S-31)	WUN 1008
ET-BPL			
1	MIG	Starter (S-15)	776/36
2	MDDP	Starter (S-15)	815/08N
BPL-ET			
NIL			
AMLA-NIR-AMLA			
NIL			
AMLA-KAJC-AMLA			
NIL			
EXTREME LEFT HAND SIDE SIGNALS OF NGP DIVISION			
1	MJKN (DN)	Starter (S/SH-5)	845R/35N
2	PMKT (UP)	Starter (S-15)	921/06

CRITICAL SIGNALS OF NAGPUR DIVISION

AS ON 16.12.2025

ET-AMLA (DN)

Station	Signal	Location	Its Criticality
JHP	M/L Starter (S-125)	748/04	Creates confusion due to cluster of Signals.
KQE	Home (S-2)	777/04	Continuous DN Gradient & Curve. (1:175 to 156 - about 3 Km & Curve- 0.5 ⁰)
DOH	Home (S-2)	791/32	Continuous DN Gradient & Curve. (1:150 - about 4 Kms. with curve- 2.0 ⁰)
BBTR	Home (S-2)	802/26	Continuous DN Gradient. (1:174 - about 1 Km.)
MJY	M/L Starter (S-3)	843/18	Less margine to signal with full load with MU banker (Less CSR).
BZU	Home (S-1)	850/10	Continuous DN Gradient & Curve. (1:175 - about 2 Kms. with curve 2.0 ⁰)

AMLA-ET (UP)

AMLA- BYS	IBH (S-68)	870/03	Continuous DN Gradient (1:150 - about 2 Kms.)
BYS	Home (S-20)	865/31	Continuous DN Gradient & Curve. (1:150 - about 7 Kms. & Curve - 1.25 ⁰)
MALK-BZU	Gate (258)	855/15	Obstructed by OHE mast, the signal was visible late to the MEMU
BZU	Home (S-22)	852/23	Continuous DN Gradient (1:150 - about 2 Kms. with curve)
	L/L Starter (S-26)	851/13	Followed by UP L/Line Intermediate Starter Signal (S-32) with less distance.
MJY	Home (S-20)	844/21	Continuous DN Gradient (1:150 - about 2 Kms. with curve 1.5 ⁰)
DHQ	Repeater Home	831/33	Extream RHS and Creates confusion & Continuous DN Gradient.
GDYA	Home (S-20)	813/15	Continuous DN Gradient & Curve (1:150 - about 3 Kms. with curve 1.12 ⁰)
	L/Line Starter(S-34)	815/09	Obstructed by Platform Shed & 1st Starter of double Starter Signal, Creates confusion.
KQE	Home (S-19)	779/01	Continuous DN Gradient < 1:150
KSLA	Home (S-4)	761/23	Continuous DN Gradient & Curve. (1:150 - about 1 Km & Curve - 2.3 ⁰)
KRTH	Home (S-20)	756/45	Continuous DN Gradient & Curve. (1:150 - about 7 Kms. with curve)
JHP	Home (S-140)	748/31	Continuous DN Gradient . (1:150 & 1:175 - about 7 Kms.)

AMLA-NGP (DN)

Station	Signal	Location	Its Criticality
HTN	Home	907/20-22	Continuous DN Gradient & Curve (1:150 - about 5 Km & Curve- 1.75 ⁰ .)
CCD	Home	911/22-24	Continuous DN Gradient Curv. (1:150 - about 3 Km & Curve- 1.0 ⁰ .)
	Starter	913/28-30	Creates confusion due to cluster of Signals.

CCD Yard	Adv. Starter	913/46-48	Creates confusion due to 3rd line Adv. Starter located beside this Signal.
	Adv. Starter (3rd)	913/46-48	Late visibility due to Curvature.
PAR	Adv. Starter	939/32	Late visibility due to Curvature.
DDMT	Home	947/10-12	Continuous DN Gradient & Curve. (1:100 - about 3 Km & Curve- 2.5 ⁰)
DDMT- NRKR	IBH	951/28-30	Continuous DN Gradient (1:150 - about 5 Kms.)
NRKR	Home	955/28-30	Continuous DN Gradient (1:150 - about 6 Kms.)
MER- SNKB	IBH	994/26	Continuous DN Gradient & Curve (1:150 - about 3 Kms. with 1.0 ⁰ curve)
SNKB	Home	997/06	Continuous DN Gradient & Curve (1:150 - about 5 Km. with curve)
SNKB- KOHL	IBH	1002/14	Continuous DN Gradient (1:150 - about 4 Kms.)
KOHL- KSWR	IBH	1012/08	Continuous DN Gradient (1:153 - about 3 Kms.)
KSWR	Home	1017/18	Continuous DN Gradient & N/Section (1:155 - about 1 Km)
BWRA	Home	1028/06	Continuous DN Gradient (1:150 - about 2.5 Km.)
GNQ	Home	1034/18	Continuous DN Gradient & Curve (1:155 - about 3 Km with curve 1.25 ⁰)
NGP-AMLA (UP)			
Station	Signal	Location	Its Criticality
KOHL	Home	1007/07	Continuous DN Gradient.
	Starter	1006/01	Continuous DN Gradient (1:170 - about 1 Km)
MER - KATL	IBH	986/33	Continuous DN Gradient.
KATL	Adv. Starter	980/27	Late visibility due to Curvature.
KLBA	Home	972/27	Sharp Curve & Late showing of Signal.
NRKR	Home	957/47	Continuous DN Gradient & Curve (1:170 - about 1 Km)
DDMT-PAR	IBH	942/23-21	Continuous DN Gradient & Curve (1:170 - about 1.5 Km with curv. 1.0 ⁰)
PAR	Home	937/33N-31N	Continuous DN Gradient & N/Section (1:170 - about 2.0 Km)
GDKP	Home	921/61-59	Signal is not visible continuously & when DN train standing at Station
CCD	Home	914/01-913/47	Continuous DN Gradient & N/Section (1:150 - about 1 Km. with Curve 4 ⁰)
MTY-JKR	IBH	891/29-27	Continuous DN Gradient. (1:200 - about 2 Km.)
JKR- AMLA	IBH	881/13-11	Continuous DN Gradient & Curve. (1:150 - about 2.5 Kms. with 2.3 ⁰ curve)
NGP-BD (UP)			

Station	Signal	Location	Its Criticality
AJNI (S-71)	Home (S-71)	834/29-27	Visibility obstructed by adjacent passing train due to curve.
BTBR	Home	810/19-17	Continuous DN Gradient (1:150 & followed by 1:200 - about 3 Kms.)
BOK	Home	802/03-01	Continuous DN Gradient (1:32 - about 1 Kms)
PLO	Home	729/13-11	Continuous DN Gradient & Curv. (1:150 - about 3 Kms.& Curve - 1.5 ⁰)
TMT	Home	672/07	Continuous DN Gradient & Curv. (1:150 - about 1.5 Kms.& Curve - 1.0 ⁰)
TMT	M/Line Starter	670/33-31	Continuous DN Gradient & Curv. (1:150 - about 2 Kms.& Curve - 1.0 ⁰)
BD	Home	664/23-21	Continuous DN Gradient & Curve.
	R/Home	663/35-33	(1:150 - about 2 Kms.& Curve - 1.0 ⁰)
4th LINE CRITICAL SIGNAL			
AJNI-SLOR			
Station	Signal	Location	Its Criticality
BOK	Home	801/07A-05A	Continuous DN Gradient & Curv. (1:150)
BD-NGP (DN)			
MLR- CND	IBH	686/04-06	Continuous DN Gradient (1:150 - about 3 Kms.)
SEGM- SLOR	IBH	755/08-10	Continuous DN Gradient (1:150 - about 2 Kms.)
AJNI "A"	Home	831/10-12	Continuous DN Gradient + N/Section (1:220 - about 1 Kms.)
AJNI	S-56	834/10	Late visible if any up train stopped at Ajni M/Line starter S-46
AJNI Yard	Signal (S/SH-9) (Engine line)		Creates confusion, due to less distance in bet. S/SH-9 & SH/376.
AJNI-NGP	S - 1	834/36	Late visible due to left curve
3rd LINE CRITICAL SIGNAL			
SLOR - AJNI			
BTBR	Home	808/08A-10A	Continuous DN Gradient
WR/SEGM-BPQ (DN)			
Station	Signal	Location	Its Criticality
CHJC (From WR)	Home (S-5)	760B/30- 761B/2	Continuous DN Gradient (1:150 -about 2 Km)
BPK	Home	767/24-28	Continuous DN Gradient (1:180 -about 2 Km)
WG	Home	782B/22-24	Continuous DN Gradient (1:150-about 1.5Km)
YNA	M/Line Starter	797/18-20	Late visible due to curve & if any train stopped DN L/L & ML and Continuous DN Gradient (1:150 - about 2 Kms.& Curve-1 ⁰)
CKNI	Home	819/04-06	Continuous DN Gradient (1:140 -about 4 Km)

CPW	Home	868/16-18	Continuous DN Gradient (1:150 about 5 Km)
BPQ-WR/SEGM (UP)			
NGI	Home	808/35-33	Continuous DN Gradient & Curv. (1:160 - about 1 Kms.& Curve - 1.12 ⁰)
	L/Line Starter	807/25-27	Continuous DN Gradient & Curv. (1:150 - about 3 Kms.& Curve - 1.5 ⁰)
YNA	Home	798/05-03	Continuous DN Gradient (1:150 - about 1.5 Kms.)
	Starter	796/27-25	Late visible due to curve & if any train stopped DN L/L & ML and Continuous DN Gradient (1:150 - about 2 Kms.& Curve-1 ⁰)
CHJC	Home	762/29-27	Continuous DN Gradient (1:150 - about 1.5 Kms.)
	Starter	761/21-19	Continuous DN Gradient (1:150 - about 2.5 Kms.)
AMLA-CWA (DN) (Single Line)			
Station	Signal	Location	Its Criticality
JMV	Home (S-2)	987/09-10	Continuous DN Gradient
BXY	Home (S-2)	900/13-14	Continuous DN Gradient
	M/L Starter (S-5)	902/03-04	Obstructed by AT For MEMU train.
HRG	Home (S-2)	931/07-08	Continuous DN Gradient
PUX	Home (S-2)	960/03-04	Continuous DN Gradient
CWA	Home	989/02	Continuous DN Gradient with curv.
CWA-AMLA (UP) (Single Line)			
HRG	Home (S-2)	931/07-08	Continuous DN Gradient
	Home (S-2)	900/13-14	Continuous DN Gradient
NVG	Starter (S-19)	917/06-05	Continuous DN Gradient
MJRI-ADB (DN)			
MJKN	Home	844R/7-8	DN Gradient with Curve
WANI	Home (S-9)	854R/16-17	Min. Signal sighting distance due to Curve
KAYAR	Home (S-2)	876/05-07	Continuous DN Gradient & Curve. (1:135 - about 2 Kms. & curve 2.0 ⁰)
LNT	Home (S-2)	901/09	Min. Signal sighting distance due to Curve.
ADB	Home (S-2)	162/09-07	Min. Signal sighting distance due to Curve.
ADB-MJRI (UP)			
MKBN	Home	931/17-19	Min. Signal sighting distance due to Curve.
WANI	Home	WUN1073	Due to Curvature 2 degree
MJKN	Home	847R/14-13	Min. Signal sighting distance due to Curve.
MJRI	Home (95)	MJRI/1193	Continuous DN Gradient & Curve. (1:200 - about 1.5 Kms. & curve 3.0 ⁰)
NRKR-CNDB (DN) (Single Line)			
MORSHI	L/L Starter (S-17)	735/18	Not visible badly if any train start/stop on UP Main Line.
CNDB	Distant	707/11	Visibility obstructed by tree branches, So Signal not visible continuous
WLGN	Home (S-24)	683/02	Continuous DN Gradient & Curv. Less Visibility (150 M only)

CNDB-NRKR (UP) (Single Line)			
Station	Signal	Location	Its Criticality
MORSHI	Distant	733/15	Visibilty obstructed by OHE mast, So Signal not visible continuous & Visibilty. (Appr.200 M)
CNDB-MRSH	Gate -23 A	713/07	Visibilty obstructed by tree branches, So Signal not visible continuous
NRKR	R/Home (S-23)	799/20	Visibilty obstructed by tree branches & Curv 3 ⁰ So Signal not visible continuous.
3rd LINE CRITICAL SIGNAL			
CCD-GNQ (DN)			
GDKP	Home (S-59)	914/12A	Less Visibilty (150 M only)
KATL	Adv.Starter (S-18)	982/28A-30A	Visibilty obstructed by OHE mast
3rd LINE CRITICAL SIGNAL			
GNQ - CCD (UP)			
GDKP	Home (S-3)	921/20A-22A	Continuous DN Gradient & Curv. (Gradient 1:67-72 & Curve - 3.0 ⁰)
CCD	Home (S/CO-2)	911/22-24	Continuous DN Gradient (Gradient 1:150 & 159 (3 Kms))
	Adv. Starter	913/50A-52A	Due to Curv. less Visibilty (150M)
TEO	Home (S/CO-21)	927/28A-30A	Continuous DN Gradient & Curv. (Gradient 1:105 & & Curve - 2.0 ⁰)
BPL-ET			
RKMP	Signal S-45 Middle Line	831/10A	While approaching RMKP from BPL on the UP Main Line, if entering RKMP station through the crossover as per the route set from Home Signal (S-49), they must strictly observe the indications of the UP Middle Line 6-route Sig S-45, which is provided on Right Hand Side.
MSO	Loop Line	823/33	Double starters (Starter & intermediate starter) have been installed in UP L/Line.
ODG	Loop Line	800/23A	Double starters (Starter & intermediate starter) have been installed in UP L/Line.
BAK	Loop Line	789/13	Double starters (Starter & intermediate starter) have been installed in UP L/Line.
ET-BPL			
PRKD-NDPM	New DN Main Line Home	823/33	Due to Down gredient and a sharp curve.
NDPM	DN Loop Line	800/23A	Due to double starters on the DownL/Line.
BAK	DN Main Line Adv. Starter	789/13	Due to Signal located on a hill.
ODG	L/Line Starter of DN Adv. Starter	823/33	Due to double starters on the L/Line of Down main line.
RKMP	DN Main Starter of DN Adv. Starter	800/23A	Due to obscured by the OHE.
BPL	R/Home (S-54)	789/13	Signal Visibility late due to curve.