

RIGHT HAND SIDE SIGNALS OF NGP DIVISION			
SN	Station	Station/Signal	Location
NAGPUR-BALHARSHAH (NGP-BPQ)			
1	Nagpur (NGP)	PF No. 1 (S-46)	
2		PF No. 1 & Line No. 2 (S-43)	
3		Line No. 2 (S-42)	
4		PF No. 6 (S-33)	
5		Intermediate Starter (S-48)	835/32-30
6	Borkhedi (BOK)	Inner Distant	803/07-05
7	Hinganghat (HGT)	Distant	788B/10-12
8	Yenor (YNA)	Distant	795/06-08
9	WRR-MJRI	IBS Distant	833/44-834/02
10		IBS (S-9)	835/32-836/02
11	MJRI	Starter C/L/Line (S-43)	842/33
12		Starter GL-5 (S-50)	
13	Bhandak (BUX)	Home	851/10-12
14	Tadali (TAE)	Intermediate Starter (S-8)	862/38-40
15	Babupeth (BUPH)	Starter C/L/Line-1 & 2 (S-43 & S-44)	881/27-29
16	Balharshah (BPQ)	Routing Home (For PF-2 & 3) (S-8)	889B/36-38A
17		Starter PF-2 & 3 (S-43 & S-44)	
18		Starter GL- 3 & GL-4 (S-33 & S-34)	BPQ 3241
BALHARSHAH - NAGPUR (BPQ-NGP)			
19	Ballarshah (BPQ)	Starter PF - 1 (S-15)	889/38-36
20		Starter GL- 1 (S-28)	BPQ 1065
21		Starter GL-2 (S-27)	BPQ 2101
22	BPQ-BUPH	IBS (S-17)	885/31-29
23	Chandrapur (CD)	Inner Distant	878/27-25
24		Home (S-18)	877/35-33
25	Vivekanand Nagar (VVKN)	Advance Starter (S-15)	872/13-11
26	Tadali (TAE)	Starter GL- 1 (S-18)	TAE1027-1023
27	MJRI-WRR	IBS Distant	838 /03-01
28	Warora (WRR)	Starter M/L (S-29)	829/37-35
29	WRR-CKNI	IBS Distant	826/09-07
30	Chikni Road (CKNI)	Distant	822/37-35
31	NGI-YNA	Gate Inner Distant	805/33-31
32	Bhugaon (BPK)	Distant	771/21-19
SEWAGRAM - BADNERA (SEGM-BD)			
33	Pulgaon (PLO)	Distant	731/11-09
34		Inner Distant	730/11-09
BADNERA - SEWAGRAM (BD-SEGM)			
35	Badnera -Timtala	IBS	668/02-04
36	Timtala (TMT)	Home	670/14-16
37	Wardha (WR)	M/L Starter (S-16)	758/14-16

SN	Station	Station/Signal	Location
NAGPUR - ITARSI (NGP-ET)			
38	Godhani (GNQ)	Gate-293 SW-4 (Extream)	1034/05
39	KOHL-SNKB	IBH Distant	1004/23-21
40	Tinkheda (TNH)	Distant (Extream)	966/17
41	Darimeta (DDMT)	Home (S-4)	947/3
42	DDMT-PAR	IBS Inner Distant	943/29
43	Multai (MTY)	Distant (Extream)	900/21
44	JKR-AMLA	IBS Distant (Extream)	883/19
45	AMLA (AMLA)	Distant	878/17
46	AMLA Yard	R&D Line-2 (S-3) (S-61)	874/24A
47		R&D Line-2 (S-3) (S-62)	AMF-1048
48	Barsali (BYS)	Distant	868/03
49	Maramjhiri (MJY)	Home (S-20) (Extream)	844/02
50	Dharakhoh (DHQ)	Home (S-20) (Extream)	831/17
51		Advance Starter (S-15) (Extream)	829/25
52	Barbatpur (BBTR)	Advance Starter (S-14)	802/27
53	Dhodramohar (DOH)	Distant (Extream)	795/27
54	SALI-TAKU	Gate - 229 (S-20)	769/05
55	TAKU (TAKU)	Home (S-19) (Extream)	768/19
56	Kesla (KSLA)	Inner Distant	762/23
57	Kiratgarh (KRTH)	Distant	759/09
58		Inner Distant (Extream)	757/39
59		Home (S-20)	756/47
60		Starter M/Line (S-19)	755/21
61	Jujharpur (JHP)	Home (S-140)	748/31
ITARSI - NAGPUR (ET-NGP)			
62	Itarsi (ET)	Starter PF-3 (S-38)	745/11-13
63	Kiratgarh (KRTH)	Advance Starter (S-8)	756/28
64	Kesla (KSLA)	Distant	759/26
65	TAKU (TAKU)	Distant	764/30
66	Dhodramohar (DOH)	Home (S-2)	791/32
67	Barbatpur (BBTR)	Distant (Extream)	800/24
68		Inner Distant	801/26
69	Dharakhoh (DHQ)	Home (S-2) (Extream)	829/10
70	Maramjhiri (MJY)	Home (S-2) (Extream)	842/20
71	Betul (BZU)	Home (S-1)	850/10
72		Starter L/Line (S-7)	851/36
73	TEO-PAR	Gate - 268D (SW-2) (Extream)	931/26
74	DDMT	Inner Distant	946/08
75	Narkher (NRKR)	Starter Main Line (S-9)	957/08
76	Tinkheda (TNH)	Distant	960/18
77	Kalambha (KLBA)	Distant	968/24
78	Katol (KATL)	Starter Main Line (S-15)	982/06
79	MER-SNKB	IBH Inner Distant (Extream)	993/28

SN	Station	Station/Signal	Location
80	Kohli (KOHL)	Distant	1003/08
81	KOHL-KSWR	IBS Inner Distant (Extream)	1011/06
82	Bharatwada (BWRA)	Inner Distant (Extream)	1027/4
83	BWRA-GNQ	Gate Distant (Extream)	1031/24
AMLA-CHHINDWADA (AMLA-CWA) (DN)			
84	JMV	Distant	886/08
85	Navegaon (NVG)	Distant	915/07
86		Home (S-2)	916/11
87		Starter PF S-6	917/18
88	Junardeo	Home	941/07
89	CWA	Gate -13 (S-2)	980/9
90		Gate-17 (S-2)	986/4
CHHINDWADA-AMLA (CWA-AMLA) (UP)			
91	Chhindwara (CWA)	Gate-13 S-4	980/22
92	Hirdagarh (HRD)	Distant	934/13
93	Navegaon (NVG)	Distant	919/14
94		Home (S-22)	918/13
95	Jambara (JMV)	Starter Main Line S-19	887/17
96	Amla (AMLA)	Routing Home 1st S-40	875/40
97		Routing Home 2nd S-41	875/24
98		Starter RD-1 (S-62)	AMF-1048
MAJRI-ADILABAAD (MJRI-ADB)			
99	MJRI	Starter (C/L/Line) (S-43)	842/33
100	Majri Khadan (MJKN)	Starter (Main Line & Loop Line)	845R/35N
101		Starter GL-5 (S-15)	
102	WANI (WANI)	Starter M/Line	
103		Starter WCL	
104	Pimpalkhuti (PMKT)	Starter PF(S-8)	922/02-03
105		Starter M/L(S-7)	922/02-03
ADILABAAD - MAJRI (ADB-MJRI)			
106	Pimpalkhuti (PMKT)	Starter L/L (S-17)	921/6
107	Wani (WANI)	Home (From KYR) S-18	WUN 1073
108		Loop Line Starter - 1 (S-32)	WUN 1008
109		Loop Line Starter - 2 (S-31)	WUN 1008
NARKHED - BADNERA (NRKR-BD)			
110	BD	Starter (PF-4)	662/25
111		Starter (PF-1)	662/25
TADALI - GHUGGUS (TAE-GGS)			
112	Tadali (TAE)	Chord Line M/Line Starter (S-41)	862G/08-09
3rd LINE SIGNALS: CHICHONDA - BHARATWADA SECTION (DN)			
113	CHICHONDA (CCD)	Adv. Starter S-18	913/50-913/52
3rd LINE SIGNALS: BHARATWADA- CHICHONDA SECTION (UP)			
114	GHUDANKHAPA (GDKP)	Distant	924/46A--924/44A
4th LINE SIGNALS: AJNI - SINDHI SECTION (UP)			
115	BUTIBORI (BTBR)	Starter S-25	809/2A
116	BORKHEDI (BOK)	Distant	803/11A
117		Inner Distant	802/11B

CRITICAL SIGNALS OF NAGPUR DIVISION

ET-AMLA (DN)

Station	Signal	Location	Its Criticality
JHP	M/Line 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 deg)
DOH	Home (S-2)	791/32	Continuous DN Gradient & Curve (1:150 - about 4 Kms. with curve- 2.0 deg)
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 degree)

AMLA-ET (UP)

Station	Signal	Location	Its Criticality
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 degree)
MALK-BZU	Gate (258)	855/15	Obstructed by OHE Mast, Late Visible to MEMU
BZU	Home (S-22)	852/23	Continuous DN Gradient (1:150 - about 2 Kms. with curve)
	L/Line 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 degree)
DHQ	R/Home	831/33	Creates confusion.& Continuous DN Gradient
GDYA	Home (S-20)	813/15	Continuous DN Gradient & Curve (1:150 - about 3 Kms. with curve 1.12 deg.)
	L/Line Starter (S-34)	815/09	Obstructed by Plateform 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 degree)
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 & 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 deg.)
CCD	Home	911/22-24	Continuous DN Gradient Curv. (1:150 - about 3 Km & Curve- 1.0 deg.)
CCD Yard	Starter	913/28-30	Creates confusion due to cluster of Signals.
	Adv. Starter	913/46-48	Creates confusion due to 3rd line Adv. Starter located beside this Signal.
DDMT	Home	947/10-12	Continuous DN Gradient & Curve. (1:100 - about 3 Km & Curve- 2.5 deg.)

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 deg. 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 deg.)
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
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 degree)
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.
CCD	Home	914/01-913/47	Continuous DN Gradient & N/Section (1:150 - about 1 Km. with Curve 4.0 degree)
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 deg. 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 degree)
TMT	M/Line Starter	670/33-31	Continuous DN Gradient & Curv. (1:150 - about 2 Kms.& Curve - 1.0 degree)
BD	Home	664/23-21	Continuous DN Gradient & Curve. (1:150 - about 2 Kms.& Curve - 1.0 degree)
	R/Home	663/35-33	

3rd LINE CRITICAL SIGNAL			
BTBR-SNI			
Station	Signal	Location	Its Criticality
BOK	Home	801/07A-05A	Continuous DN Gradient & Curv. (1:150)
BD-NGP (DN)			
Station	Signal	Location	Its Criticality
MLR- CND	IBH	686/04-06	Continuous DN Gradient (1:150 - about 3 Kms.)
DAE- WR	IBH	750/14-16	Continuous DN Gradient (1:150 - about 2 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 Yard	Signal (S/SH-9) (Engine line)		Creates confusion, due to less distance in bet. S/SH-9 & SH/376.
3rd LINE CRITICAL SIGNAL			
SNI - BTBR			
Station	Signal	Location	Its Criticality
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 Kms.)
CHJC (From SEGM)	Home (S-2)	761K/14-16	Continuous DN Gradient (1:160 - about 1 Km.)
BPK	Home	767/24-28	Continuous DN Gradient (1:180 - about 2 Kms.)
WG	Home	782B/22-24	Continuous DN Gradient (1:150 -about 1.5 Kms)
CKNI	Home	819/04-06	Continuous DN Gradient (1:140 - about 4 Kms.)
CPW	Home	868/16-18	Continuous DN Gradient (1:150 - about 5 Kms.)
BPQ-WR/SEGM (UP)			
Station	Signal	Location	Its Criticality
WRR	Inner Home	830/31-29	Creates confusion, while admitting UP L/Line
NGI	Home	808/35-33	Continuous DN Gradient & Curv. (1:160 - about 1 Kms.& Curve - 1.12 degree)
	L/Line Starter	807/25-27	Continuous DN Gradient & Curv. (1:150 - about 3 Kms.& Curve - 1.5 degree)
HGT	L/Line 1st Starter	790/37-35	Creates confusion.
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.)

संरक्षा से ध्यान हटा, नहीं कि दुर्घटना होती है।

Accident happens when safety ends

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)

Station	Signal	Location	Criticality
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)

Station	Signal	Location	Its Criticality
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 degree)
MKBN	Home (S-2)	889/17-15	N/Section before Homw Signal
LNT	Home (S-2)	901/09	Min. Signal sighting distance due to Curve.
PMKT	C/L/Line Starter	922/02-03	Both signals are adjacent to each other & creates confusion.
	M/Line Starter	922/02-03	Both signals are adjacent to each other & creates confusion.

ADB-MJRI (UP)

Station	Signal	Location	Its Criticality
MKBN	Home	931/17-19	Min. Signal sighting distance due to Curve.
MJKN	Home	847R/14-13	Min. Signal sighting distance due to Curve.
MJRI	Home (95)	MJRI/1193	Min. Signal sighting distance due to Curve.

NRKR-CNDB (DN) (Single Line)

Station	Signal	Location	Its Criticality
MORSHI	L/Line 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)

छोटी सी भूल से गंभीर दुष्परिणाम हो सकते हैं।

A minor omission causes a major disaster

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. (Approx.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 & Curvature 3 degree, So Signal not visible continuous.

3rd LINE CRITICAL SIGNAL

CCD-TEO (DN)

Station	Signal	Location	Its Criticality
GDKP	Distant	924/46A	Extreme Right
	Home (S-59)	914/12A	Less Visibilty (150 M only)

3rd LINE CRITICAL SIGNAL

TEO - CCD (UP)

Station	Signal	Location	Its Criticality
GDKP	Home (S-3)	921/20A-22A	Continuous DN Gradient & Curv. (Gradient 1:67-72 & Curve - 3.0 degree)
CCD	Home (S/CO-2)	911/22-24	Continuous DN Gradient (Gradient 1:150 & 159 (03Kms))
CCD	Adv. Starter	913/50A-52A	Due to Curv. & RHS Less Visibilty (150 M only)
TEO	Home (S/CO-21)	927/28A-30A	Continuous DN Gradient & Curv. (Gradient 1:105 & Curve - 2.0 degree)

3rd LINE CRITICAL SIGNAL

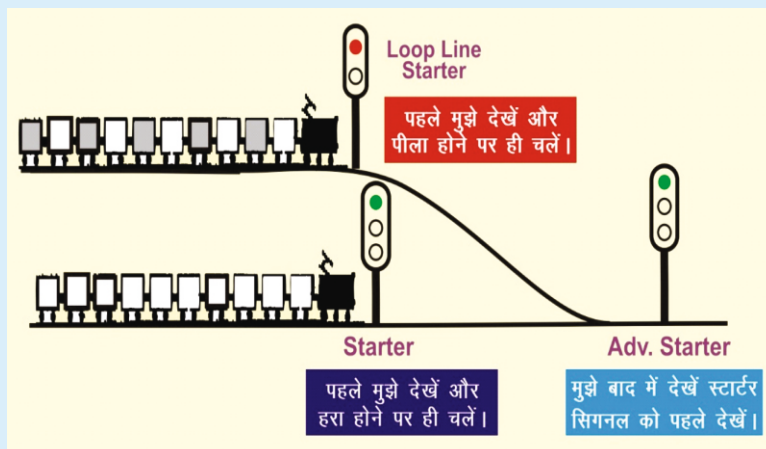
NRKR-KOHL (DN)

Station	Signal	Location	Its Criticality
KATL	Adv. Starter (S-18)	982/28A-30A	Visibilty obstructed by OHE mast, So Signal not visible continuous

3rd LINE CRITICAL SIGNAL

KOHL-NRKR (UP)

Station	Signal	Location	Its Criticality
NIL			



S - सिग्नल संकेतो को

P - पुकारे

A - और

D - दोहराएं

सिग्नल संकेतो को पुकारे और दोहराएँ।

स्पेड के डर को दूर भगाएँ।





**ग्रेडियेंट चार्ट
स्थाई गति प्रतिबंध के साथ
एवं
प्रतिबंधित सिग्नल/स्टेशन**