SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTIONS

SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1.	UNDER THE PROVISION OF G.R. PARA 3.07 (7) THE FOLLOWING DISTANT SIGNALS ARE COMBINED WITH THE LAST STOP SIGNAL OF STATION IN REAR OF WITH STOP SIGNAL PROTECTING A LEVEL CROSSING IN REAR:-	COM/ECR/ HJP	3/35/VIII/08/ 378/H DATE- 10.12.08	
i)	UP GATE DISTANT OF L.C. No.-102 MERGED WITH UP ADVANCE STARTER OF SLD.			
ii)	DN DISTANT OF SLD MERGED WITH DN GATE STOP SIGNAL OF L.C. No.-102.			

Signature Block

CCE/HJP	24/02/2021
CTPM/ECR	24/02/21
Sr.DOM/DNR.	* Remarks 15 02 21
Sr.DSTE/DNR.	Rajesh 02.02.21
Dy.CSTE/W&D/HJP	23/2/2021
DSTE/DNR	Rajesh 23/02/21
ASTE/D&D/HJP	
SSE/SIG./HJP	17.2.21.
SSE/DRG./HJP	16/02/2021

* Remarks.
Spe provision is required for such IBP placed at 400mts. My remarks at paper plan be corrected. If XY Bd is agreed to, SR needs correction.
15 02 21

SIGNAL SPECIFIC NOTES - II

7. INTERLOCKED LC GATE DETAILS:

SL.NO.	LC NO.	CLASS	KM.	M/UM	TELEPHONE CONNETION WITH	TVU	INTERLOCKED NON-INTERLOCKED
1.	97	A ~~B1~~	730/27-29	M	SLD	38355/FEB 2021 ~~43305/MAY 2019~~	INTERLOCKED
2.	101	~~B~~ SPL	737/11-13	M	SLD	53148/APRIL 2019	INTERLOCKED
3.	102	SPL	739/27-29	M	SLD	418824/MARCH 2019	INTERLOCKED

8. COMMUNICATIION DETAILS:
TELEPHONE COMMUNICATION IS PROVIDED BETWEEN PANEL ROOM AND LC NO ~~97'B1', 98'C', 101'B'~~ & 102 'SPL'. 97A, 98A, 101 'SPL'

9. DETAILS OF SIGNAL ROUTES HAVING ALTERNATE OVERLAPS:-NIL

SIGNAL NO.	LEADING TO	DETAILS OF OVERLAP
S-1	S-3	UP TO PT 53N
S-3	S-5/S-7	UP TO S-11
S-12	S-6/S-8	UP TO S-4

10. 60 SEC TIME DELAY PROVIDED FOR C-1, C-3 & C-12.
11. ALL ANGLE OF CROSSING ARE 1 IN 12 EXCEPT AS MENTIONED.
12. SIGNAL OVERLAP 120m & BLOCK OVERLAP 180m IS TAKEN.
13. LC GATE NO-101 ~~'C'~~ SPL AT KM 737/11-13,102 'SPL' AT KM 739/27-29 AND 97 ~~'B'~~ 'A' AT KM 730/27-29 IS ELECTRICALLY OPERATED LIFTING BARRIER.
14. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
15. DEAD APPROACH LOCKING PROVIDED FOR INTERLOCKED GATES OF BLOCK SECTION WITH 60 SEC. TIME DELAY.
16. PANEL DETAILS:-
MAIN SIGNAL BUTTONS:- 1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 20.
CALLING ON SIGNAL BUTTONS:- C-1, C-3, C-12.
POINT BUTTONS:- 51, 52, 53, 54, 55, 56, 57.
CRANK HANDLE BUTTONS:- CH1, CH2, CH3, CH4, CH5, CH6, CH7.
GATE CONTROL BUTTON:- G-31.

17. DETAIL'S OF L-XING IN BLOCK SECTION (SLD-DHA).

SL.NO.	LC NO.	CLASS	KM.	M/UM	TELEPHONE CONNETION WITH	TVU	INTERLOCKED NON-INTERLOCKED
1.	97	A ~~B1~~	730/27-29	M	SLD	38355/FEB 2021 ~~43305/MAY 2019~~	INTERLOCKED
2.	98	A ~~C~~	732/27-29	M	SLD	31359/FEB 2021 ~~33624/JUN 2019~~	NON-INTERLOCKED
3.	101	~~B~~ SPL	737/11-13	M	SLD	53148/APRIL 2019	INTERLOCKED

18. DETAIL'S OF L-XING IN BLOCK SECTION (SLD-KCA).

SL.NO.	LC NO.	CLASS	KM.	M/UM	TELEPHONE CONNETION WITH	TVU	INTERLOCKED NON-INTERLOCKED
1.	102	SPL	739/27-29	M	SLD	418824/MAR 2019	INTERLOCKED
2.							
3.							

A1 → 19 GLUED JOINTS SHOWN ON UP & DN LINE NEAR LC GATE 97'A' ITS DISTANCE SHOULD BE 30M FROM THE SAID LC GATE.

SIGNAL SPECIFIC NOTES - I

1. NUMBER GRID:

FUNCTIONS	LOCATION or DIRECTION	RANGE	SPARES
SIGNAL	RIGHT TO LEFT	01 TO 29 (ODD NUMBER)	9 (13 TO 29)
	LEFT TO RIGHT	02 TO 30 (EVEN NUMBER)	10 (14 TO 18), (22 TO 30)
SHUNT SIGNAL	RIGHT TO LEFT	NIL	
SHUNT SIGNAL	LEFT TO RIGHT	NIL	
DEAD SHUNT SIG.	RIGHT TO LEFT	NIL	
DEAD SHUNT SIG.	LEFT TO RIGHT	NIL	
POINTS	RIGHT HALF	51	
	LEFT HALF	52, 53, 54, 55, 56, 57	
SIDING POINTS	RIGHT HALF	51	
	LEFT HALF	52	
LC GATE	RIGHT HALF	NIL	
	LEFT HALF	G-31	

2. BLOCK WORKING:

SECTION	TYPE OF BLOCK WORKING	BLOCK INSTRUMENT TYPE	BPAC	REMARKS IF ANY
SLD-DHA	ABSOLUTE BLOCK	UFSBI-DL	HASSDAC	LOCATED AT SM ROOM
SLD-KCA	ABSOLUTE BLOCK	UFSBI-DL	HASSDAC	LOCATED AT SM ROOM

3. DETAILS OF TRACK CIRCUITS:

TRACK CIRCUIT NOS.	TYPE OF TRACK CIRCUITS	REMARKS IF ANY
C1T, 1T, 1T1, 1T2, 2T, 4T, 1T3, 04T, 1T4, 3T, 04T1, 53AT, 55T, 6/8T, 08T, 06T, 05T2, 07T2, 05T1, 07T1, 08T1, 06T1, 05T, 07T, 56T, 5/7T, 12T1, 12T, 011T, C-12T, 11T.	DC SINGLE RAIL TRACK CIRCUIT	-

4. DETAILS OF AXLE COUNTERS:

AXLE COUNTER SECTION	TYPE OF AXLE COUNTER	TYPE OF RESETTING	LOCATION OF RESETTING BOX	LOCATION OF CO OPERATION PLUNGER/LV BOX
SECTION SLD-DHA	HASSDAC	PREPARATORY	AT STATION SLD.	AT STATION DHA.
SECTION DHA-SLD	HASSDAC	PREPARATORY	AT STATION DHA.	AT STATION SLD.
SECTION SLD-KCA	HASSDAC	PREPARATORY	AT STATION SLD.	AT STATION KCA.
SECTION KCA-SLD	HASSDAC	PREPARATORY	AT STATION KCA.	AT STATION SLD.

5. DETAILS OF MOTOR OPERATED POINTS WITH CRANK HANDLE GROUPING:

GROUP	POINTS	TYPE OF POINT MACHINE	CH EKT KEPT AT
CH1	PT.-51	IRS	PANEL ROOM
CH2	PT.-52	IRS	PANEL ROOM
CH3	PT.-53	IRS	PANEL ROOM
CH4	PT.-54	IRS	PANEL ROOM
CH5	PT.-55	IRS	PANEL ROOM
CH6	PT.-56	IRS	PANEL ROOM
CH7	PT.-57	IRS	PANEL ROOM

6. DETAILS OF SIDING POINTS:-

SIDING POINT DETECTION TABLE(Elec):

SIDING POINTS NO.	DETECTS POINT NORMAL/REVERSE	PROVIDED IN SIGNAL NO.	LEADING TO
51AB (PASSING SIDING)	51N	S-1	S-3
52AB (HOT AXLE SIDING)	52N	S-8	S-4

GENERAL NOTES

1. THIS PLAN IS BASED ON SIGNAL INTERLOCKING PLAN NO :ECR/SIP/DNR/071/2008 ALT.-XI
2. THIS PLAN IS BASED ON ENGINEERING SCALE PLACE (ESP) NO: CE'S DRG. NO.- Y-39-2007 (FOR/BS)& Y-44-2007)
3. THIS PLAN SUPERSEDES SIP/SSP NO: . ECR/SIP/DNR/071/2008 ALT.-XI IN CONNECTION WITH INTERLOCKING OF L.C. GATE-97 ~~'B1'~~ A (ALT-VII OF SAKALDIHA FOR PROVISION OF ELB AT LC NO: 101 ~~'C'~~ SPL & 102'SP' HAS NOT BEEN COMPILED AT SITE.)
4. THIS SITE SURVEY IS CARRIED OUT TO CORRELATE THE BASE RECORD. THE BASE RECORDS. THE SURVEY REMARKS ARE RECORDED IN..
5. THIS STATION IS LOCATED IN 25 KV AC ELECTRIFIED SECTION.
6. ALL THE STOP SIGNALS ARE LOCATED CLEAR OFF NEUTRAL SECTION.
7. THE NEW SIGNAL POSITION HAVE BEEN AMENDED TO SUIT SIGNAL SIGHTING COMMITTEE REPORT.
8. SYSTEM OF WORKING IS ABSOLUTE BLOCK SYSTEM.
9. THE HPL IS PROVIDED FOR SIDING POINT AND STANDS NORMALLY:- NIL
10. ALL THE WORKS ARE CARRIED OUT AS PER THE PROVISIONS IN THE SEM. G&SR AND OTHER POLICY LETTERS.
11. THE NEW EQUIPMENT IS PLACED AS PER SITE SURVEY.
12. RECORD OF DESIGN DECISIONS ARE DETAILED IN SCHEME PLAN DESIGN LOG: . :-NIL
13. FOULING POINTS TRACK CIRCUIT ARE REQUIRED TO BE MEASURED ON SITE.
14. SIGNAL AND SIGNAGES ARE IN ACCORDANCE WITH G&SR AND SEM.
15. THE CROSS OVER POINTS ARE OPERATED BY PARALLEL OPERATION.
16. POINT ZONE TELEPHONES (PTZ) ARE PROVIDED AT TOP POINTS:- NIL.
17. NON-STANDARD SYMBOLS USED ON THIS PLAN ARE . :- NIL.
18. LIST OF ASSUMPTION BEING MADE WHILE SCHEME PLAN WAS IN PRODUCTION ARE
    (i) ....
    (ii) ....
19. SCHEME PLAN SPECIFIC ISSUES WHICH ARE STILL TO BE RESOLVED
    (i) ....
    (ii) ....
20. TYPE OF INTERLOCKING : PANEL INTERLOCKING.
21. REFER INTERLOCKING CONTROL CHART FOR DETAILS OF ALL SIGNAL ROUTES.
22. COMPLETION DETAILS TO BE INCORPORATED AFTER COMMISSIONING THE WORKS SUITING TO SITE CONDITIONS FOR GENERATING SIGNAL INTERLOCKING PLAN (RECORDS UPDATED).
23. SPECIAL NOTES RELATED TO SPECIFIC RAILWAY/ STATION LIKE SPT, EMERGENCY GATE KEY etc.
24. ALL MAIN SIGNALS, SUBSIDIARY SIGNALS, INTERMEDIATE SIGNALS, STANDARD AND MINIATURE INDICATORS, POSITION LIGHT JUNCTION INDICATORS ARE OF LED TYPE.
25. DEAD APPROACH LOCKING PROVIDED AT L.C GATE No.-97 ~~'B1'~~ A, 101 ~~'B'~~ SPL & 102 'SPL' WITH 60 SEC. TIME DELAY AS PER RLY. BOARD'S L. No.- 2000/SAFETY(A&R)/19/39/PT-11, DATED-10/06/2014.

APPROVAL PANEL

ALT	DESCRIPTION	REFERENCE	CHECKED BY					COUNTER SIGNED BY	APPROVED BY	CRS SANCTION NO. & DATE	DATE OF COMM.
			SSE/DRG.	SSE/SIG.	ASTE/ D&D	SSTE/ D&D	DY.CSTE/ W&D	FOR PCOM/ECR/HJP	FOR PCSTE/ECR/HJP		
Ⓐ	I) COMPLIANCE OF CRS OBSERVATION TO SUIT ITEM NO: 4 II) UPGRATION OF LC GATE NO:. 97 'B1' TO 'A', 98 'C' TO 'A' & 101 'B' TO 'SPL'	I) SR.DSTE/DNR, L.NO SG/DRG/DNR, DT: 30/08/21 II) DY.CRS/TECH/E.C/KKK, L.NO: CRS/ECR/DNR/DHA-SLD/IBS/INT-LC/1519. DT: 24.03.21 III) ESP NO: Y-44-2007 ALT-2	31/08/2021	01.09.21.	02.09.21	02.09.21	02/09/21	02/09/21	2.9.21		
Ⓐ1	I) COMPLIANCE OF CRS OBSERVATION TO SUIT ITEM NO: 4 II) LEGEND BOARD (LOOK OUT FOR LC GATE WHEN PASSING IB SIG. AT ON) PROVIDED VIDE IRSEM PARA NO: 7.3.7(b) AND GR&SR PARA NO- ITEM 13(5)(1) & (II)	I) SR.DSTE/DNR, L.NO: SG/CRS/DNR. DT: 29/09/2021 II) CRS/EC/KKK, L.NO: CRS/ECR/DNR/DHA-SLD/IBS/INT-LC/991, DT. 28/09/21 III) SR.DSTE/DNR, L.NO: SG/CRS/DNR, DT: 11/10/2021	25/10/21 SSE/DRG	25.10.21 JE/SIG	25.10.21 ASTE/D&D	25.10.21 ASTE/PLS	25/X/21 DY.CSTE/W&D	27/10/21 F.PCOM/ECR	28.10.21 (RISHI GUPTA) CSTE/PLS/ECR		
Ⓐ2	GRADIENT DETAILS CORRECTED AS PER ESP	I) SR.DSTE/DNR L.NO: SG/CRS/DNR, DT-27.12.21 II) ESP NO:- Y-44-2007, ALT-3 & Y-39-2008, ALT-2	28.12.21 SSE/D	28.12.21 JE/S	28.12.21 ASTE/D&D	28.12.21 ASTE/PLS	28/12/21 DY.CSTE/W&D	28/12/21 F.PCOM/HJP	28.12.21 (RISHI GUPTA) CSTE/PLS/HJP		

THIS LINE IS ONLY PRINTED TO SCALE IF THIS LINE MEASURES 100MM.

C.R.S. SANCTION NO. DATE :- COMPLETED ON		SCALE (1:1000) LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M	WITH CENTRAL OPERATION SIGNAL INTERLOCKING PLAN	
CLASS	B	PANEL INTERLOCKING SIGNAL INTERLOCKING PLAN ECR/SIP/DNR/071/2021.	ZONE	ECR
STANDARD OF INTERLOCKING	III®		DIVISION	DNR
SCALE	LONGITUDINAL 1CM=10M VERTICAL 1CM=5M		STATION	SLD

SAKALDIHA (SLD) सकलडीहा

SAKALDIHA-SIP-DNR