MUGHAL SARAI END
GULZARBAGH (KM.2.94)
HWH END
(NEXT STN. BANKA GHAT AT KM. 6.11)
C/L OF STATION BUILDING OF PATNA SAHEB
AT KM. 533.64 FROM HWH.
(CH: 0.00M)
HIGH LEVEL UP PLATFORM (541.50Mx9.10M)
CSR 240.00M GOODS SHED SIDING
CSR 807.73M
CSR 685.80M
180M
BUFFER END CH: 968.17M
STOP BOARD
ASPECT CONTROL CHART DN DIRECTION
ASPECT CONTROL CHART UP DIRECTION
CH-1 CRANK HANDLE FOR PT 51
CH-2 CRANK HANDLE FOR PT 52
CH-3 CRANK HANDLE FOR PT 53
CH-4 CRANK HANDLE FOR PT 54
CH-5 CRANK HANDLE FOR PT 55
CH-6 CRANK HANDLE FOR PT 56
CH-7 CRANK HANDLE FOR PT 57
CH-8 CRANK HANDLE FOR PT 58/60
CH-9 CRANK HANDLE FOR PT 59
CH-10 CRANK HANDLE FOR PT 61
ALL CRANK HANDLE WELDED WITH KEY
AT PANEL ROOM
NO STABLING ALT-I

NOTE-

8. UFSBI BLOCK PANEL WITH SSDAC WOKING BETWEEN PNC-BKG.
9. UFSBI BLOCK PANEL WITH SSDAC WORKING BETWEEN PNC-GZH.
10. SYMBOL OF UFSBI &DLBI, SSDAC & AXLE COUNTER IS UNIFORM, SO NO CHANGE MADE IN SYMBOL OF S-2, 2T, S-11, & 11T, 1T1, 12T1.
11. MAIN LINE SUITABLE TO STD III Ⓡ AS PER SEM PARA-7.131 CORRECTION SLIP-6
12. STATION MEET TO STD III Ⓡ REQUIRMENT EXCEPT THE BRANCH LINE WHERE SINGLE DISTANT HAS BEEN PROVIDED. THEREFORE STD OF INTERLOCKING HAS BEEN KEPT-STD-III

PANEL DETAILS

MAIN SIGNAL BUTTONS	1.2.~~3~~.4.5.6.7.8.11.12
CALLING - ON SIGNAL BUTTONS	C-1,C-12, ~~C-3~~
POINT BUTTONS	51.~~52~~.53.54.~~55~~.56.57.58.59.60.61.
CRANK HANDEL CONTROL BUTTONS	CH-1,CH-2,CH-3,CH-4,CH-5,CH-6 CH-7,CH-8,CH-9, CH-10.
SPARE BUTTONS	9,10
SHUNT SIGNAL BUTTONS	201.202.203.204.
GATE CONTROL BUTTON	G-31

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH GULZARBAGH & BANKAGHAT.
2. ~~DOUBLE LINE BLOCK INSTRUMENT WORKING WITH LOCK & BLOCK MSW/HWH TYPE WITH GULZARBAGH & BANKAGHAT SITUATED IN PANEL ROOM.~~
3. ALL ANGLE OF X- ING ARE 1 IN 12 EXCEPT AS MENTIONED IN SIP.
4. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
5. ~~ONE TRAIN ONLY SYSTEM OF WORKING BETWEEN PATNA SAHEB & PATNAGHAT.~~
6. LED SIGNAL PROVIDED FOR ALL MACL SIGNALS
7. ~~AXLE COUNTER PROVIDED FOR LAST VEHICLE VERIFICATION & INTERLOCKED WITH BLOCK INSTRUMENT.~~

AUTHORITY OF WORK- THIS WORK WILL BE DONE IN VIEW OF SANCTIONED
TRR OF WORK VIDE P.B ITEM NO. 240 OF 06-07.
THIS SIP SUPERCEDES SIP NO- RE/DNR/SI-25-98.
SIP MADE IN CONNECTION WITH PANEL INTERLOCKING UNDER SRSF WORK.

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

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 OR WITH STOP SIGNAL PROTECTING A LEVEL CROSSING IN REAR.	CRS/E.CIRCLE/ KOLKATA		
a.	UP ADVANCE STARTER OF PATNA SAHEB MERGED WITH UP DISTANT OF GULZARBAGH STATION.			
b.	DN ADVANCE STARTER OF GULZARBAGH MERGED WITH DN DISTANT OF PATNA SAHEB STATION.			
2.	UNDER THE PROVISION OF GR.PARA 3.40 (1)(b) ADEQUATE DISTANCE OF 120M HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING SIGNAL	CRS/E.CIRCLE /KOLKATA		
a.	SIGNAL NO.7 FOR COMMON LINE FOR THE RECEPTION OF UP TRAIN UP TO DEAD END			
b.	SIGNAL NO.6 FOR DN. LOOP LINE FOR THE RECEPTION OF DN TRAIN UP TO DEAD END.			

ALT	DESCRIPTION	REFRENCE	CHECKED BY				COUNTER SIGNED		APPROVED	CRS SANCT. NO. & DATE	DATE OF COMM.
			JE/C/MHX	ASTE/C/MHX	DSTE/C/MHX	DY.CSTE/C/MHX	CSTE/C/MHX	COM/HJP	CSTE/HJP		
I	TO COMPLY CRS'/ EASTERN-CIRCLE/KOLKATA'S OBSERVATION	CRS/Eastern-Circle, KOLKATA LETTER No- 3/61/VIII/ 09/436/H dated 28/1/09	(S.KUMARI)	31/1/09 (R.K. SUMAN)	31/1/09 (B.K. SINGH)	1/2/09 (P.K. RAI)	1/2/09 (RAM KRIPAL)	(S.MUKHERJEE) CTPM/HJP	(S.K. BISWAS)		
—	COMPLETION DRAWING MADE		30/11/09 (M.K.SINHA) SE/SI/MHX	(R.K. SUMAN)	(R.N. SHARMA)	—	—	—	(A.K. GUPTA) DY.CSTE/C/PL. MHX	3/61/VIII/ 09/481/H(S), DT. 20/02/09	26/04/09
II	PROVISION OF UFSBI BLOCK PANEL WITH SSDAC WORKING BETWEEN- (i) PNC - GZH (ii) PNC - BKG	i) DY CSTE/W/ DNR, LNO- DY.CSTE/W/ DNR/HQ. DT-13.08.2015 ii) PB ITEM NO: 542.	SSE/S 7/12/15 JE/D	10/12/15 ASTE/D&D	10/12/15 SSTE/W&D	15-12-15 DY.CSTE/D&D	—	15/12/15 (N.AMBASTHA) F.COM/ECR	17/12/15 (JAG MOHAN RAM) CSTE/PLG/HJP F.CSTE/ECR/HJP	i) CSTE SANC NO: ECR/CSTE/203A/ 347/2017, DT-17.02.2017 ii) ECR/CSTE/203A/356/2017, DT- 24.04.2017	i) 29.03.2017 ii) 27.04.2017
III	COMPLETION DRAWING MADE FOR ALT-II (II) (NO CHANGE)	DY. CSTE/W/DNR LNO: DY.CSTE/ W/DNR/HQ, DT: 24/04/17	16.05.17 SSE/S 19/5/17 JE/D	24/05/17 ASTE/D&D	24.5.17 SSTE/D&D	24/5/17 DY.CSTE/W&D		F.COM/ECR	24/5/17 (JAGMOHAN RAM) CSTE/PLG/HJP F.CSTE/ECR/HJP	i) CSTE SANC. NO: ECR/CSTE/203A/ 347/2017, DT-17.02.17 ii) SAFETY CERTIFICATE NO: SST/W/DNR/ CSTE/UFSBI/PNC-BKG, DT- NIL	29.03.2017
IV	COMPLETION DRAWING MADE :- FOR ALT-II (I) (NO CHANGE)	DY.CSTE/W/ DNR, L.NO: DY.CSTE/W/ DNR/HQ, DT: 06/06/2017	23.6.17 SSE/S JE/D	28.06.17 ASTE/D&D	30.6.17 SSTE/D&D	5/7/17 DY.CSTE/D&D			10/7/17 (S.KUMAR) CSTE/PLG/HJP F.CSTE/ECR/HJP	i) CSTE SANC. NO: ECR/CSTE/203A/ 356/2017, DT. 24/4/17	27.04.2017
V	SPECIAL NOTE NO: 11 & 12 ADDED FOR RASING THE SPEED.	SR.DSTE/ DNR, L-No: SG/DRG/ DNR, DT:13/05/2020	SSE/S SSE/D	ASTE/D&D	16.6.20 ASTE/PLG	16/6/2020 DY.CSTE/W&D		19/6/20 F.PCOM/HJP	19.6.2020 (RISHI GUPTA) CSTE/PLG/HJP		
VI	PROVISION OF DISMANTLING OF PATNA GHAT LINE AND INTERLOCKING OF LC GATE NO: 71'C'	i) SR. DSTE/DNR L.NO: SG/DRG /DNR. DT: 09/09/2022 ii) TO SUIT CE'S DRG NO:- Y-125-2022	SSE/S SSE/D	ASTE/D&D	ASTE/PLG	DY.CSTE/PLG		F.PCOM/HJP	(NIRAJ YADAV) CSTE/D&D/HJP		

5R
18/03/18

पूर्व मध्य रेल दानापुर मंडल EAST CENTRAL RAILWAY DANAPUR DIVISION	COUNTER SIGNED BY		APPROVED BY		CHECKED BY			C.R.S. SANCTION NO.	SCALE	CENTRAL PANEL SIGNAL INTERLOCKING PLAN (MACL, CLASS-B, STD-III)	पटना साहिब PATNA SAHEB	SIGNALLING PLAN NO. ECR / SIP DNR/099/2008
	12-3-08 (S.K.NAYAK) CTPM/HJP	5/3/08 (RAM KRIPAL)	14/3/08	6.3.08 (S.K. MINZ) DY.CSTE/C/MHX	05/3/08	06/03/08		DATE :-	LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M			
	FOR COM / ECR / HJP	CSTE / C/ MHX	CSTE / ECR / HJP	DY.CSTE / CON / MHX	DSTE / CON / MHX	DSTE / CON / MHX	JE / S / CON / MHX	COMPLETED ON	BASED ON - CE. DRG. NO.- Y-77-2007			

PREPARED BY - SKYLARK ENTERPRISES KHAGAUL, PATNA