CRANK HANDLES ARE AT EACH PANEL CABIN	
CRANK HANDLE NO.	POINT NO.
CH1	31
CH2	52, 53
CH3	54
CH4	55
CH5	56, 57
CH6	58,
CH7	59
CH8	60

PANEL CABIN

1/ MAIN SIGNAL BUTTONS :- 1,2,3,4,5,6,7,8,9,10
2. SHUNT SIGNAL BUTTONS :- 20,21,22,23,24,25,26,27,29,30, 18.
3. GATE CONTROL BUTTONS :- G31.
4. POINT BUTTONS :- 31,32,33,34,35,36,37,38,50,60.
5. KEY-LOCK POINT BUTTONS :- P61.
6. CRANK HANDLE CONTROL BUTTONS :- CH1,CH2,CH3,CH4,CH5,CH6,CH7,CH8.

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING BOTH NAGARNAR AND BANDLO BRIDGE.
2. BLOCK PROVIDE AXLE COUNTER PROVIDED IN DOWN DIRECTION WITH BANDLO BRIDGE AND UP DIRECTION WITH NAGARNAR ALONGWITH DOUBLE LINE BLOCK INSTRUMENTS LOCATED AT PANEL CABIN AND CONNECTED WITH BANDLO BRIDGE AND NAGARNAR.
3. THE TRACK DEVICE OF AXLE COUNTER WILL BE PLACED AT THE EXTREME END OF BLOCK OVERLAP.
4. THE MINIMUM DISTANCE BETWEEN TRACK DEVICE OF AXLE COUNTER AND INSULATION JOINT OF TRACK CIRCUIT IN THE DIRECTION OF TRAIN MOVEMENT SHALL BE AS PER PARA NO. 17.4.5.5 OF S.E.M. (PART-I).
5. CONTROL TELEPHONE PROVIDED AT PANEL CABIN.
6. MAGNETO TELEPHONE PROVIDED AT PANEL CABIN AND CONNECTED WITH L.C. GATE NO.-33/C.
7. UNLESS OTHERWISE SPECIFIED ALL AXLE OF CROSSINGS ARE 1 IN 12.
8. ALL POINTS ARE MOTOR OPERATED EXCEPT OTHERWISE INDICATED.
9. TRIPPLE POLE/LED LAMPS ARE PROVIDED FOR ALL SIGNALS.
10. KEY-LOCK, EMERGENCY KEY-LOCK & BOOM LOOKING PROVIDED AS PER DRAWING NO.-06678.

SPECIAL INSTRUCTIONS / APPROVED SPECIAL INSTRUCTIONS				
SL.NO	INSTRUCTIONS	AUTHORITY	ISSUED BY	DATE	REMARKS
1.	CW MAIN LINE STARTER SIGNAL NO. 1 AND UP MAIN LINE STARTER SIGNAL NO. 3 ARE PLACED ON RIGHT HAND SIDE OF THE TRACK.	G.R. 3.04(1)	C.O.M.		TR: 103/1 / AVO/PERATION PY:- 2 DT. 04.8.2008
2.	DN.GUMARY LOOP STARTER SIGNAL No.B/S PLACED ON RIGHT HAND SIDE OF THE TRACK.	G.R. 3.04(1)	COM.		

ALT. NO.	DESCRIPTION	REFERENCE	CHECKED				APPRD.				COMM.	TRAFFIC DIVT. No. & DT.
I	DN. LOOP & UP LOOP LINE SWITCHES POINTOR SPLITTED IN TO 3 TRACK CIRCUITS.	CAS/E.C.T.S. STDG. LP/DN No. 4,5 DTD. 08/04/05, UP/DN No. 3,4 DT. 11/10/2005 and Dt. CSP/S/W/W'S Dn. 1 SGW 23/Mar/2006 Dt. 6-11-2006										
II	ALT-I DELETED. 2ND COMPETENT SIGNING MADE.	DY. CSTE/W'S/W DO No. 2/2006 DATED 13.9.2006.										
III	N.B. HOWRAH WITH ELEVATOR INTRODUCE.	ELECTRIFICATION OF PANDITPUR & NAGARNAR BT SEC. AS PER KR DO No. 2/2006 DO No. 2006-07.										

EASTERN RAILWAY		APPROVED		CHECKED		DRAWN		APPROVED BY GENERAL	SCALE
HOWRAH DIVISION	A.K. BISWAS	SR. DSTE	SR. DSO	SR. DSTE	SR. DSO	SR. DSTE	SR. DSO	DY. CSTE/W/WHT LETTER NO.- SDK/TD/WHS/GNL DATED 29.12.2007	LONGITUDINAL :- 1 Cm. = 10m. TRANSVERSE :- 1 Cm. = 4.0m.
	COMP	FOR CHIEF SIG. & TELE. ENGINEER		ASTRA/W'SHOP		RDS/BILSPUR		DATE 31.10.2008	

REPLACEMENT OF SIGNALLING GEARS WITH CENTRALIZED OPERATION OF POINTS & SIGNALS ON 'B' ROUTE VIDE G.B. ITEM NO.172 OF 2005-06. BASED ON S/ NO. S.I.-07283/183, UPTO AL31 AND TO SUIT C.E.'S DRG. NO.-I-274-2007

SUPERSEDES PANEL SIGNALLING PLAN No. S.I.-07283/183.

SIGNALLING PLAN (PANEL INTERLOCKING)		RAJGRAM राजग्राम	S.I. 07823 / 183
MACL	CLASS B	STD. III	

S.I.-07283/183 (PANEL INTERLOCKING) PLAN.DWG