TO BARKAKANA
NORTH LINE
SOUTH LINE
LINE NO. 1
LINE NO. 2
LINE NO.3
LONG 152.43M
TO GOMOH
(BERMO Km. 3.10)
DN HOME OF BERMO. NO. 16
DN HOME OF BERMO. NO. 18
UP DIST OF JARANGDIH CUM UP ADV. STR. NO. 17 OF BERMO.
UP DIST OF JARANGDIH CUM UP ADV. STR. NO. 15 OF BERMO.
180m.
BOOM LOCKING PROVIDED CONTROLLED BY G-31
KEY 'B' GOES TO GATE LODGE EKT
45m.
50
CH: 855M
260
150
P L A T F O R M
B.T.P.S. SIDING TO BOKARO THERMAL
KEY LOCK RELEASED BY G-31 PANEL
JARANGDIH COLLIERY
KEY 'B' TO EAST END
ALT.

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SL. NO.	INSTRUCTION	ISSUED BY	AUTHORITY	DATE	REMARKS
1.	INFRINGMENT TO THE STANDARD DIMENSION CONDONATION.	RLY. BOARD	– VIDE RLY. BOARD L/NO. 74/WDO/SD11	14.3.75 & 15.4.75	
2.	DISPENSATION FOR COMBINDING OF SIG. AS PER GR. PARA NO. 3.07(7).	CRS	– VIDE LETTER NO. 16/A/4/YIII/06/296/H DATE	29-11-06	
i)	UP DIST. OF JARANGDIH WITH UP ADV. STR. NO. 15 OF BERMO (SOUTH LINE).				
ii)	UP DIST. OF JARANGDIH WITH UP ADV. STR. NO. 17 OF BERMO (NORTH LINE).				
(iii)	DN ADV. STR NO 2 OF JAN WITH DN DIST OF BERMO (NORTH LINE).				
iv)	DN ADV. STR NO 4 OF JAN WITH DN DIST OF BERMO (SOUTH LINE).				
3.	SIGNALS 3.4.9.10 & UP DIST OF JAN (NORTH LINE) ARE LOCATED AT RIGHT HAND SIDE FOR BETTER VISIBLITY.	COM/ECR/HJP. COM/ECR/HJP.	ECR/DPT/DSP/505 (SIG. 4 & UP DIST.) (SIG. 3.9.10.)	22-09-06	
4.	UNDER THE PROVISION OF GR PARA 3.40(1)(b) ADEQUATE DISTANCE OF 120 MTR. HAS BEEN RECKONED FROM THE STARTER SIGNAL NO. 10 FOR THE HOME SIGNAL NO. 14 FOR LINE NO. 1 FOR RECEPTION OF DN. TRAIN UP TO SAND HUMP WITH POINT 52N	CRS			

UP SIGNAL ASPECT CONTROL CHART (SOUTH LINE)

← TO BARKAKANA

SIG. NO. 13 — SIG. NO. 5 — SIG. NO. 1A/B/C — UP DIST OF JAN CUM UP ADV. STR. SIG. NO. 15 OF BERMO

UP SIGNAL ASPECT CONTROL CHART (NORTH LINE)

← TO BARKAKANA

SIG. NO. 13 — SIG. NO. 9 — SIG. NO. 3A/B/C — UP DIST. OF JAN. CUM UP ADV. STR. NO. 17 OF BERMO

SL.NO.	SYSTEM	SECTION	INSTRUMENT	LOCATION
1.	ABSOLUTE BLOCK SYSTEM	JARANGDIH-BERMO N/LINE	TLBI (DAIDO) ~~TBI NEALS 'A' BALL~~	STATION
2.	ABSOLUTE BLOCK SYSTEM	JARANGDIH-BERMO S/LINE	TLBI (DAIDO) ~~TBI NEALS 'A' TABLET~~	STATION
3.	ABSOLUTE BLOCK SYSTEM	JARANGDIH-BOKARO THERMAL	TLBI (DIADO TYPE)	STATION

NO.	LEGEND	DESCRIPTION
~~1.~~	~~✱~~	~~ENTERING TOKEN TERRITORY~~
~~2.~~	~~+~~	~~ENTERING TOKENLESS TERRITORY~~

PANEL IN S.M. BUILDING

MAIN SIGNAL BUTTONS - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14
POINT BUTTONS - 51, 52, 53, 56, 57, 58, 59, 60
KEY LOCK CONTROL BUTTONS - P-71
SHUNT SIGNAL BUTTONS - 105, 106, 107, 108, 109, 110, 201, 202, 203, 204, 205
CRANK HANDLE BUTTONS - CH1, CH2, CH3, CH4, CH5, CH6
CALLING ON SIGNAL BUTTONS - C1, C3, C14
GATE CONTROL BUTTONS - G31, G32

CH1 FOR PT.51 · CH2 FOR PT.52 · CH3 FOR PT.53 · CH4 FOR PT.56 · CH5 FOR PT.57, 58, 59 · CH6 FOR PT.60

CRANK HANDLE WELDED OR RIVETTED WITH KEY

~~SPL.~~ 'B' CLASS
LEVEL X-ING NO. ~~4/B~~ 4/SPL/T
(Km. 37/6-7 FROM GMO.)

KEY LOCK - 'B' CONTROLLED BY G-32
KEY 'B' FROM BOOM LOCKING LEVER
KEY 'B' TO COME OUT FROM ARC LEVER AFTER BOOM LOCKING
KEY 'A' TO COME FROM GATE WINCH MACHINE
ROD FOR BOOM LOCKING

~~FOR L.C No. 4B~~ KEY LOCK 'EB' ~~EMERGENCY KEY G-32 (KEY LOCK NON LOCK TYPE) ARMATURE REMOVED~~

~~FOR L.C No. 3A~~ KEY LOCK 'EB' ~~EMERGENCY KEY G-31 (KEY LOCK NON LOCK TYPE) ARMATURE REMOVED~~

NOTE :-

1. MAGNETO TELE PHONE CONNECTED WITH L.C. GATE NO. 3/A & 4/B BERMO AND KATHARA SIDING WITH PANEL CABIN.
2. CONTROL TELE PHONE PROVIDED AT S.M.'S PANEL.
3. PROVISION OF BPAC FOR LAST VEHICLE CHECK. ON BOKARO THERMAL SIDE ONLY AS BLOCK SECTIONS BETWEEN JARANGDIH & BERMO ARE TRACK CIRCUITED CONTINUOUSLY
4. B/JOINT BETWEEN T/C NO. 3/2T & 02T, 1/4T & 04T, 13/14T & 013T, ARE STAGERED BY 1.82M.
5. SLIDING BOOM PROVIDED AT L-XING GATE NO. 4 SPL/T AT KM-37/6-7. & 3/SPL/T AT KM 35/16-36/0 FROM GMO.
6. ELECTRIC LIFTING BARRIER PROVIDED AT L-C NO-4/SPL/T AT KM-37/6-7.

ALT.	DESCRIPTION	REFERENCE	CHECKED BY				COM/ECR CON SIG.	APPROVED BY	CRS SANC. & COMP.
Ⅵ	PROVISION OF ELECTRIC LIFTING BARRIER AT INTERLOCKED L-XING NO-4/SPL/T AT KM 37/6-7.	VIDE SR. DSTE/DHN/LT. NO-SG-662/1/PT-VIII, DT-13.12.2017.	11-6-18 JE/D	A.B. 13.6.18	Balhaut 14.6.18	14/6/18	19.6.18 COM/ECR	(S.L. PRASAD) CSTE/PLG/ECR / PCSTE/ECR/HJP	
Ⅴ	PROVISION OF INTERLOCKED SLIDING BOOM IN ADDITION TO EXISTING LIFTING BARRIER AT LC GATE NO-3/SPL/T AT KM 35/16-36/0 FROM GMO.	VIDE SR. DSTE/DHN, LT NO-SG/662/1/PT-VIII DT-02.05.14.	SSE/S JE/D	05.08.14 ASTE/D&D	05/8/14 SSTE/D&D	5.8.14 DY.CSTE/D&D	11.6.14 COM/ECR	(S.L. PRASAD) CSTE/PLG/ECR / CSTE/ECR/HJP	
Ⅳ	SLIDING BOOM PROVIDED AT L-XING GATE NO. 4 SPL/T AT KM.37/6-7.	SR. DSTE L. NO. SG 662/1/PT-VIII DT-24.03.2012.	SSE/S SSE/D	03.04.12 ASTE/D&D	SSTE/D&D	DY.CSTE/W&D	COM/ECR	27/4/12 (राम कृपाल) CSTE/PLG	
Ⅲ	RESTORATION OF SAND HUMP AT BARKAKANA END ON LINE NO. 1	(i) Sr. DSTE/DHN L. NO. SG 662/1/Pt-VIII DT. 13.02.09. (ii) TO SUIT CE's DRG. NO.— Y-93-2007 ALT. I	SE/DRG/HJP	SE/SIG.	SSTE/D&D-III	DY.CSTE/W&D/HJP	COM/ECR/HJP	(RAJESH KUMAR) CSTE/EC/ECR/HJP	
Ⅱ	COMPLETION DRAWING L.C. GATE NO. 3/A/T & 4/B/T UPGRADED IN SPECIAL CLASS.	i) DY.CSTE/W/DHN's LETTER NO. SG.662/1/CON/PT.V DTD. 24.02.2009 ii) TO SUIT C.E.'s DRG. NO. Y-93-2007 WITH ALT-I DATE 14.1.09	5/03/09 SSE/DRG.	SSTE/D&D-III	SSTE/W	DY.CSTE/W/D	COM/ECR/HJP	CSTE/ECR/HJP	
Ⅰ	i) PROVISION OF TLBI (DAIDO TYPE) WITH BERMO—NORTH & SOUTH LINE. ii) DISMANTLING OF SAND HUMP AND PROVISION OF TRAP POINT AT 'BKRA' END ON LINE No 1.	i) DY. CSTE/W/DHN, LETTER NO. SG/652/148/CON./PT. I. DT:-30-10-07. ii) NOTE No 1 OF CE's DRG. No. Y-93-2007, DATED:-04-10-07.	02.11.07 SSE/SIG	ASTE/D&D	02/11/07 SSTE/D&D	02/11/07 DY.CSTE/W/D	4.11.07 (S.K. NAYAK) CTPM	(S.K. BISWAS) CSTE/PLG. / CSTE/ECR	

SUPERCEDES SIP NO. ECR/SIP/DHN/266/2004 (ALT - II)
TO SUIT ECR/CE'S/DRG NO. Y-72-2005 (ALT - I)

SCALE	APPROVED	CHECKED BY					DRAWN BY			DRAWING NO.
LONGITUDINAL 1CM = 10M TRANSVERSE 1CM = 5M	28.06.06 (MAHATAM) CSTE/PROJ/ECR/HJP.	12/6/06 Dy. CSTE/ECR/HJP	26.5.06 SSTE/ECR/HJP	26/5/06 ASTE/HO/ECR	SSE/Drawing	26/5/06 SE/S 26.05.06 J.E-II/D	JE/DRG./C	SIGNALLING PLAN CENTRAL PANEL MACL CLASS "B" STD. III	जरंगडीह JARANGDIH	ECR/SIP/DHN/266/2006
		REF- BASED & SUPERSEDES DRG. NO.-								

E.C.R.