PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

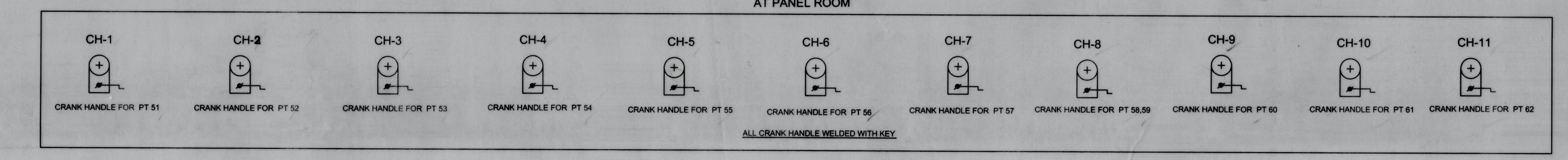
KUJU - 216 - DHN - 2018

TO RANCHI (KM 210.304)
NEXT BLOCK STN.: ARIGADA
AT 11.182 KM
1400.0M(MIN.)
1000.0M(MIN.)
DN
UP
N
UP
DN
STN. KUJJUSTATION BUILDING
AT KM- 122.2200.000 FROM KODERMA
CH:0.00
GOODS WHARF (KUTCHA (640.00X30.00M)
HIGH LEVEL PASSENGER PLATFORM (351.00X10.50M)
HIGH LEVEL PASSENGER PLATFORM (351.00X7.60M)
S.B
S&T BLDG.
LOADING WHARF (KUTCHA) 800X30M
TO KODERMA (KM 122.200)
NEXT BLOCK STN.: CHARHI
ASPECT CONTROL CHART DN DIRECTION
1400M(MIN)

DETAILS OF L.C IN BLOCK SECTION (BRKA -END)

SL. NO.	L.C NO.	KM.	M/UM	KUJJU - ARIGADA	TELEPHONE CONNECTION STATION
NIL					

AT PANEL ROOM



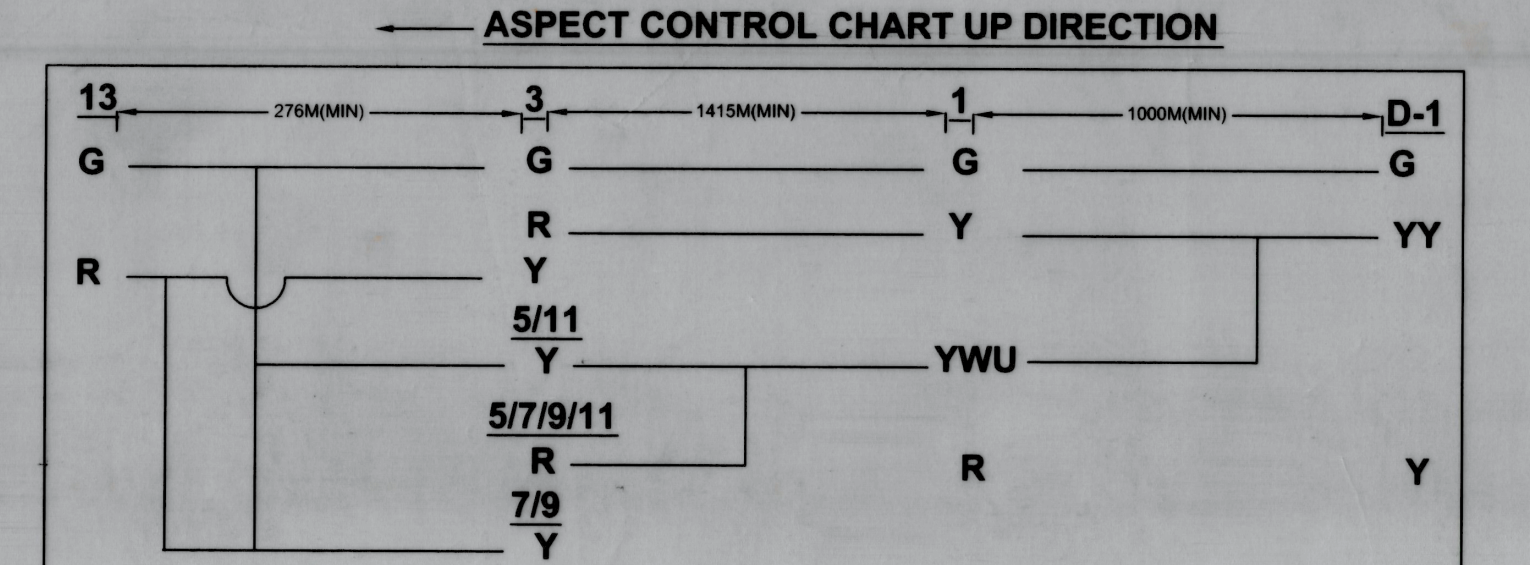
NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH CHARHI & ARIGADA STN.
2. ~~SINGLE LINE TLBI WORKING WITH CHARHI & ARIGADA STN. SITUATED AT PANEL ROOM.~~
3. ALL ANGLE OF CROSSINGS ARE 1 IN12 EXCEPT AS MENTIONED.
4. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
5. AXLE COUNTER PROVIDED FOR LAST VEHICLE VERIFICATION & INTERLOCKED WITH BLOCK INSTRUMENT OF CHARHI & ~~ARIGADA~~ STN.
6. LED SIGNAL PROVIDED FOR ALL MACL SIGNALS.
7. ~~TRACK CIRCUIT 1T,2T & 13T, 14T ARE STAGGERED BY 1.82M~~
8. THIS SIP HAS BEEN MADE IN CONNECTION WITH NEW BG LINE BETWEEN KODERMA TO RANCHI VIA HAZARIBAG & BARKAKANA
9. 60 SEC. TIME DELAY PROVIDED FOR ALL CALLING-ON RECEPTION SIGNAL.
10. THIS SIP IS SUITABLE TO SUIT 25 KV AC RE TRACTION AREA.
11. UFSBI BLOCK PANEL WITH HASSDAC SINGLE LINE TYPE WORKING WITH KUJU-ARIGADA SITUATED AT SM'S ROOM.
12. UFSBI BLOCK PANEL WITH HASSDAC SINGLE LINE TYPE WORKING WITH KUJJU-CHARHI SITUATED AT SM'S ROOM.

PANEL DETAILS

MAIN SIGNAL BUTTONS	1.2.3.4.5.6.7.8.9,10,11,12,13,14.
CALLING - ON SIGNAL BUTTONS	C-1,C-14
SHUNT SIGNAL BUTTONS	103,104,105,106,107,108,109,110,111,112,201,202,203,204.
POINT BUTTONS	51,52,53,54,55,56,57,58,59,60,61,62.
CRANK HANDEL CONTROL BUTTONS	CH-1,CH-2,CH-3,CH-4,CH-5,CH-6,CH-7,CH-8,CH-9,CH-10,CH-11.

ASPECT CONTROL CHART UP DIRECTION



DETAILS OF L.C IN BLOCK SECTION (HZBN -END)

SL. NO.	L.C NO.	KM.	M/UM	BARKAKANA-CHARHI	TELEPHONE CONNECTION STATION
NIL					

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SR. NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1.	UNDER PROVISION OF PARA 3.40(1)(b) ADEQUETE DISTANCE OF 120M HAS BEEN PROVIDED FROM STARTER FOR THE FOLLOWING SIGNALS:- (a) SIGNAL NO.6 UPTO DEAD END FOR THE COMMON LINE NO.3 FOR RECPTION OF DN.TRAIN (b) SIGNAL NO.8 UPTO DEAD END FOR THE COMMON LINE NO.2 FOR RECPTION OF DN. TRAIN (c) SIGNAL NO.10 UPTO DEAD END FOR THE COMMON LINE NO.1 FOR RECPTION OF DN. TRAIN (d) SIGNAL NO.5 UPTO DEAD END FOR THE COMMON LINE NO.3 FOR RECPTION OF UP. TRAIN (e) SIGNAL NO.7 UPTO DEAD END FOR THE COMMON LINE NO.2 FOR RECPTION OF UP. TRAIN (f) SIGNAL NO.9 UPTO DEAD END FOR THE COMMON LINE NO.1 FOR RECPTION OF UP. TRAIN (g) SIGNAL NO.11 UP TO SAND HUMP FOR THE COMM. LOOP LINE NO-5 FOR RECEPTION OF UPTRAIN.	CRS/E. CIRCLE/ KOLKATA		DISPENSATION TO BE OBTAINED
2.	UNDER THE PROVISION OF GR. PARA 3.40(4) ADEQUETE DISTANCE OF 120M HAS BEEN RECONED FROM THE STARTER FOR THE FOLLOWING SIGNALS. (a) SIGNAL NO. 12 UPTO 12TI WITH PT. 60 NORMAL THE COMM. LOOP LINE NO-5 FOR RECEPTION OF DN TRAIN TOWARDS GOODS SIDING.			
3.	UNDER PROVISION OF G.R. PARA 3.47 DISPENSATION REQUIRED FOR TWO OR MORE TRAIN APPROACHING, SIMULTANEOUSLY FROM ANY DIRECTION AS FOLLOWING SIGNAL. (a) SIG NO. 1 TO L-1, L-2 & L-3 AND SIG-14 TO L-5 SIMULTANEOUSLY. (b) SIG NO. 1 TO L-5 AND SIG NO. 14 TO L-1, L-2 & L-3 SIMULTANEOUSLY.	COM/ECR		DISPENSATION TO BE OBTAINED

ALT	DESCRIPTION	REFERENCE	CHECKED BY SSE/DRG/C/MHX	CHECKED BY SSE/C/SI MHX	CHECKED BY ASTE/C/MHX	CHECKED BY DSTE/C/MHX	CHECKED BY DY.CSTE/C/D D/S/MHX	COUNTER SIGNED BY CSTE/C/N/MHX	COUNTER SIGNED BY CFTM/ECR/HJP f COM/ECR/HJP	APPROVED BY CSTE/PLG/HJP f CSTE/ECR/HJP	CRS SANC.NO & DATE	DATE OF COMM.
I	PROVISION OF UFSBI IN PLACE OF T.L.B.I TOWARDS ARIGADA END.	APPROVED SIP OF ARGD. (PHASE-I) SIP NO. ECR/SIP/DHN/257/2020 (ALT-I)	15.4.21 (O.P. GOND)	15.4.21 (A.M. TIWARI)	(SARVESH KUMAR)	15/4/21 (NEHAL SHAMS)	(VIKRANA RAM)	17/4/21 (P. K. SUMAN)	21/4/21 (DILIP KUMAR)	(MANISH SHARMA) CSTE/C/S/MHX		
II	PROVISION OF UFSBI IN PLACE OF TLBI TOWARDS CHARHI END.	Sr. DSTE/DHN VIDE LETTER NO-SG.662/1/PT-VIII DATE-22-01-2021.	SSE/D	17.06.21 SSE/S	ASTE/DHN	17.06.21 SSE/[illegible]	17/6/21 DY.CSTE/[illegible]		17/6/21 CTPM/ECR	17.6.21 (S. KUMAR) CSTE/[illegible]/ECR		

THIS SIP SUPERCEDED PREVIOUS SIP NO. ECR/SIP/DHN/494/2015 ALT-II
AUHTORITY OF WORK:- P.B. ITEM NO.- 9 OF 2016-17

पूर्व मध्य रेलवे धनबाद मंडल EAST CENTRAL RAILWAY DHANBAD DIVISION	APPROVED BY	COUNTER SIGNED BY		CHECKED BY								DRAWN BY	C.R.S. SANCTION NO.	SCALE			
	11/7/18 CSTE / PLG / HJP FOR CSTE / ECR / HJP	(S.KUMAR) CTM/ECR/HJP FOR COM / ECR / HJP	2/07/2018 (RAJESH KUMAR) CSTE /C/S/ MHX	27/6/18 (ANDHAR RAJ) SR. DOM/DHN		27/6/18 (AJIT KUMAR) SR.DSTE/C/DHN	27/06/18 (AMRENDRA SINGH) DY.CSTE/C/DHN	21/06/18. (B.K. SINGH) DY.CSTE/C/S/MHX	27/6/18 (MOHD RAFI AHMAD) DSTE/C/DHN	V.K.S. (V. K. SINGH) ASTE/C/MHX	(O.P. GOND) SSE/DRG/MHX	(RANJEET KUMAR) JE/DRG/MHX	DATE :- COMPLETED ON	LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M BASED ON - CE. DRG. NO.- Y-81-2017 (ALT-I)	CENTRAL PANEL SIGNAL INTERLOCKING PLAN MACLS, CLASS-B,STD-II(R)	KUJJU (KUJU) कुज्जू	SIGNALLING PLAN NO. ECR / SIP/ DHN/494/2018
	CHECKED BY 11.7.18 DY. CSTE/HJP	11.7.18 JE/DRG															

DT-21.06.18