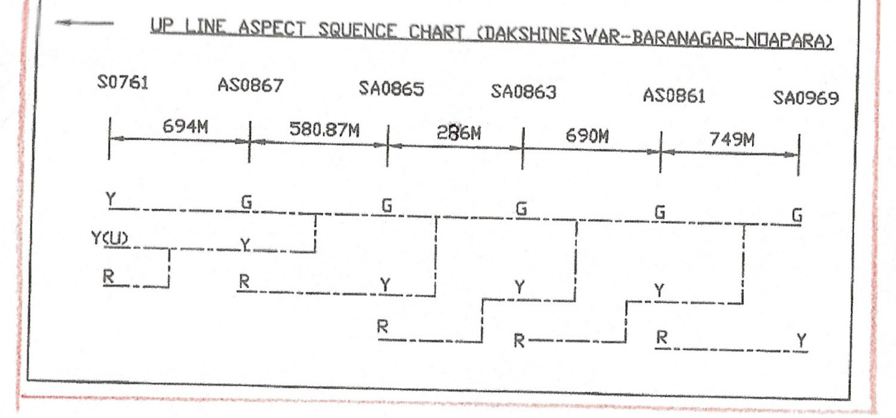

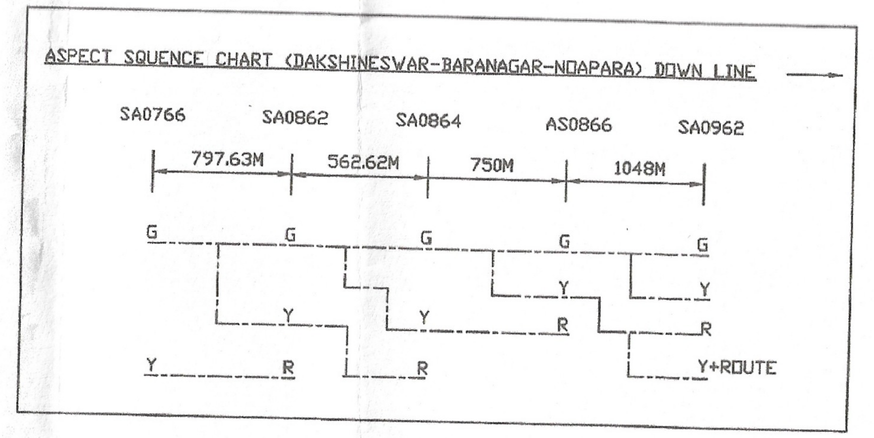

BARANAGAR STATION

←— UP LINE / DOWN LINE —→

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTIONS					
SL. NO.	INSTRUCTIONS	AUTHORITY	ISSUED BY	DATE	REMARKS
1.	SIGNAL NO.AS0867 OF UP LINE IS PLACE AT EXTREME RHS OF TRACK (LHS OF DN LINE).	GR-17(CH-III)	COM	06.10.21	NO. METRO/DIV/O&M/ T-543/SAFETY

ALT.NO.	DESCRIPTION	REFERENCE	CHECKED						APPROVED		DATE OF COMM.	CRS SANCTION NO. & DATE
			SSE/DRG	SSE/S	ASTE/	SSTE/	DY.CSTE/	DY.COM/	PCOM	PCSTE		

NOTES:-

1. MULTI SECTION DIGITAL AXLE COUNTER IN DUAL WITH AFTC HAVE BEEN PROVIDED.
2. EVERY AUTOMATIC SIGNAL IS CONTROLLED BY RESPECTIVE TRACK SECTION / TRACK CIRCUIT AND ASPECT OF THE SIGNAL AHEAD.
3. EACH TRACK SECTION COMMENCES FROM THE FOOT OF THE SIGNAL AND ENDS ATLEAST 90M BEYOND THE NEXT AUTOMATIC / SEMI AUTOMATIC SIGNAL IN ADVANCE IN THE STRAIGHT ROUTE, UNLESS OTHERWISE SPECIFIED. MULTIPLE AFTC TRACK CIRCUITS IN SERIES ARE PROVIDED IN PARALLEL WITH THOSE TRACK SECTIONS.
4. MAGNETO TELEPHONES ARE PROVIDED IN PANEL ROOM AND THEY ARE CONNECTED WITH NOAPARA AND DAKSHINESWAR STATION PANEL ROOM.
5. CONTROL TELEPHONES ARE PROVIDED AT PANEL, SM AND TS / TSS ROOMS.
6. ALL TURNOUTS ARE IN 1 IN 12.
7. LED LAMPS ARE PROVIDED FOR SIGNAL LIGHTING AND LED 'A' MARKERS ARE PROVIDED IN SEMI AUTOMATIC SIGNALS.
8. SEPARATE INDICATION HAS BEEN PROVIDED TO INDICATE STATUS OF AFTC & MSDAC ON VDU.

CRANK HANDLE GROUPING FOR EMERGENCY OPERATION OF POINTS		
CRANK HANDLE	CONTROL POINTS	LOCATION
CH-1	0881A/B	S.M.

BARANAGAR (KBAN) - DUAL DETECTION & RESETTING ARRANGEMENT PARTICULAR OF UP LINE

Sl. No.	Track Section	From	To	Resetting Type	Place of		Indication		Co-operation with station for Resetting	Dual Detected by AFTC No.
					Reset Box	LV Box	OCC	Clear		
1	TS-0969	DP-0801	DP-0805	AUTO	KBAR	………	R	G	………	0969AT,0969T 0861AT
2	TS-0861	DP-0803	DP-0811	AUTO	KBAR	………	R	G	………	0861AT,0861T C0863T,0863AT
3	TS-C0863	DP-0807	DP-0809	CONDITIONAL HARD	KBAR	………	R	G	SAME STN.	C-0863T
4	TS-SUP0801 (TS-0861, TS-0969)	DP-0801A	DP-0811A	MANUAL (PREP)	KBAR	KNAP	R	G	KNAP	………
5	TS-0863	DP-0809	DP-0813	CONDITIONAL HARD	KBAR	KBAR	R	G	SAME STN.	0863T,0863AT
6	TS-0881A	DP-0813	DP-0815 DP-0817	CONDITIONAL HARD	KBAR	KBAR	R	G	SAME STN.	0881AT
7	TS-0865	DP-0817	DP-0821	AUTO	KBAR	………	R	G	………	0865T,0867AT
8	TS-0867	DP-0819	DP-0823	AUTO	KBAR	………	R	G	………	0867AT,0867T C0761T,0761AT
9	TS-SUP0803 (TS-0865, TS-0867)	DP-0817A	DP-0823A	MANUAL (PREP)	KBAR	KDSW	R	G	KDSW	………

BARANAGAR (KBAN) - DUAL DETECTION & RESETTING ARRANGEMENT PARTICULAR OF DOWN LINE

Sl. No.	Track Section	From	To	Resetting Type	Place of		Indication		Co-operation with station for Resetting	Dual Detected by AFTC No.
					Reset Box	LV Box	OCC	Clear		
1	TS-C0862	DP-0802	DP-0804	AUTO	KBAR	………	R	G	………	C0862T
2	TS-0862A	DP-0804	DP-0806	AUTO	KBAR	………	R	G	………	0862AT,0872T
3	TS-SUP0802 (TS-C0862, TS-0862A)	DP-0802A	DP-0806A	MANUAL (PREP)	KBAR	KDSW	R	G	KDSW	………
4	TS-0881B	DP-0806	DP-0808 DP-0810	CONDITIONAL HARD	KBAR	KBAR	R	G	SAME STN.	0881BT
5	TS-0862	DP-0808	DP-0814	CONDITIONAL HARD	KBAR	KBAR	R	G	SAME STN.	0862T,0864AT
6	TS-0864	DP-0812	DP-0818	AUTO	KBAR	………	R	G	………	0864AT,0864T,0866AT
7	TS-0866	DP-0816	DP-0820	AUTO	KBAR	………	R	G	………	0866AT,0866T1, 0866T2,C0962T, 0962AT
8	TS-SUP0804 (TS-0864, TS-0866)	DP-0812A	DP-0820A	MANUAL (PREP)	KBAR	KNAP.	R	G	KNAP.	………

BASED ON ENGG. PLAN NO. MRC/W/BARN.YARD PLAN/CONNECTION FROM NOA: TO DKAE. & BARN. TO BKP./02 - 2018 (Ph-I) ALT-01 & SUPERSEDED EARLIER SIP NO. SI 08/01(ALT-4).

METRO RAILWAY KOLKATA	SCALE LONGITUDINAL 1:1000 TRANSVERSE 1:250	DRAWN	CHECKED				APPROVED		CRS SANCTION	SIGNAL INTERLOCKING PLAN CLASS-SPL, STD-II	BARANAGAR STATION	DRAWING NO. SI 08/03
		05/03/25	05.03.25	6.3.25	6/3/25	10/3/25	11/3/25	17/03/2025	NO. 3601/1/VIII/ 2025-26/ BBRM-DSW/ METRO/NFC/ 185. DATE: 17/07/2025			
		SSE/DRG	JE/S/C	ASTE/C	Dy. CSTE/C	Dy. COM/O&M	PCOM	PCSTE				