

Addendum & Corrigendum No. 1 to Block Working Manual 2008 of
S. E. C. Railway.

In Block Working Manual 2008-

1. The existing rule 4.33 (1) at Page No. 128-131 is to be replaced by the following:-

BWM 4.33 (1) :- Mode of signalling trains on various electrical instruments of token-less type. - Mode of signalling of trains on Daido type token-less block instrument for a train to leave a block section for the block station in advance.			
SN	Despatching Station	SN	Receiving Station
	[Block handle in 'Line Closed' position. All signals and signal levers concerned (including SM's concerned slot slides) are in normal position.]		[Block handle in 'Line Closed' position. All signals and signal levers concerned (including SM's concerned slot slides) are in normal position.]
1	Insert SM's key and turns	2	Inserts SM's key and turns.
3	Presses the button PB-1 and sends call attention code of bell signals.	4	Acknowledges the call attention code of bell signals by pressing the button PB-1.
5	Sends 'Attend telephone' code of bell signals.	6	Acknowledges the 'Attend telephone' code of bell signals and attends on telephone.
7	Attends on telephone, gives the name of the station and asks B if he is prepared to receive train No. [Refer BWM Rule 2.07(3)]	8	Gives out the name of the station, and if he is prepared to receive, replies, 'Yes' take line clear for train No. and replaces telephone.
9	Replaces telephone.		
9(a)	Sends 'Is line clear enquiry' code of signals through button PB-1 and keeps the buttons PB-1 and PB-2 pressed on the last beat for 5 seconds or until the Galvanometer needle deflects.	10	Turns the operation handle to 'Train coming from' position.
		10(a)	Acknowledges the 'Is Line Clear' code of bell signals through button PB-1 and keeps the buttons PB-1 and PB-2 pressed on the last beat for 5 seconds or till the Galvanometer needle deflects.

SN	Despatching Station	SN	Receiving Station
11	Turns operating handle to 'Train going to' position.		
11(a)	Takes 'OFF' the last Stop signal (after ensuring that the route is clear and points are correctly set and locked).		
11(b)	Train enters Block section.		
11(c)	Last Stop signal returns to 'ON' position.		
11(d)	'Train on line' indication appears automatically.	12	'Train on Line' indication appears automatically and Buzzer 1 starts operating.
11(e)	Buzzer 1 starts operating.		
11(f)	Puts back levers of Starter and Advanced Starter and last stop signal control slide to normal position.		
13	Sends 'Call attention' code of bell signals through button PB-1.	14	Acknowledges 'Call attention' code of bell signals through button PB-1.
15	Sends 'Train Entering Block Section' code of bell signals after complying with BWM Rule 2.07 (5).	16	Acknowledges 'Train Entering Block section' code of bell signals through PB-1. Buzzer stops.
17	Buzzer 1 stops.	18	Takes 'OFF' the reception signals (after ensuring that the line nominated is clear and points are correctly set and locked).
		18(a)	Train enters the station.
		18(b)	Buzzer 2 starts operating.
		18(c)	Reception signals replaced to 'ON' position automatically.
		18(d)	Puts back levers of reception signals and also the SM's Home signal control slide to normal position and complies with BWM Rule 2.07(6).

SN	Despatching Station	SN	Receiving Station
		18(e)	Sends "Call attention" code of bell signals through PB-1.
19	Acknowledges 'Call attention' code of bell signals.	20	Sends 'Train out of block Section' code of bell signals through PB-1 and the buttons PB-1 and PB-2 pressed on the last beat for 5 seconds or till the Galvanometer needle vibrates.
21	Turns operating handle to 'Line Closed' position.		
21(a)	Acknowledges 'Train out of block Section' code of bell signals through PB-1 and keeps "Buttons PB-1 and PB-2" pressed on the last beat for 5 seconds or till the Galvanometer needle vibrates.	22	Turns operating handle to "Line Closed" position and thus buzzer 2 stops.

2. The existing rule 5.09 (2), Page No. 173-177 is to be replaced by the following:-

BWM:- 5.09 (2) Mode of signalling of trains on Siemen's (SGE) three position lock and block instruments for a train to leave a block station and proceed to the next block station in advance.-			
SN	<u>Despatching Station</u> (Ensure compliance to Rule 5.07 of BWM)	SN	<u>Receiving Station</u>
1	Sends 'Call attention' code of bell signals.	2	Acknowledges "call attention code of bell signal"
3	Sends "Attend Telephone" code of bell signals.	4	Acknowledges "Attend telephone" code of bell signals and attends on telephone.
5	Attends on telephone and gives out station name.	6	Ensures correctness of station and gives out station name.
7	Ensures correctness of station and asks if he is prepared to receive train No. [refer Rule 2.07 (3) of BWM]	8	If prepared to receive the train complies with Rule 5.08 of BWM and replies 'Yes' takes line clear for train No.
9	Replaces the telephone and sends "Is Line clear" Code of bell signals on the plunger.	10	Operates SM's key where provided. Acknowledges "Is line clear" code of bell signals on the plunger and on the last stroke, keeping the plunger pressed turns the commutator to right & releases the plunger.
		10(a)	The lower needle of the block instrument points to "Line Clear" position.

SN	Despatching Station	SN	Receiving Station
		10(b)	The pointer on the commutator is deflected to right.
11(a)	Ensures that the upper needle of the block instrument points to "Line Clear" Position.		
11(b)	Takes 'off' last Stop signal after ensuring that the route is clear; points, if any, are correctly set and the facing points are locked.		
11(c)	Train enters block section.		
11(d)	Last Stop Signal returns to "ON" position automatically.		
11(e)	Puts back the control to operate the last Stop signal to normal.		
12	Sends "Call attention" code of bell signals.	13	Acknowledges "Call attention" code of bell signals.
14	Sends "Train entering block section" code of bell signals after complying with Rule 2.07(5) of BWM.	15	Acknowledges "Train entering block section" code of bell signals and on the last stroke keeping the plunger pressed turns the commutator to extreme left.
		15(a)	The lower needle of the block instrument points to "train on line" position.
		15(b)	The pointer on the commutator points to the left.

SN	Despatching Station	SN	Receiving Station
16	The upper needle of the block instrument points to "Train On Line" position.	17 (a)	Takes 'off' reception signals after ensuring that the nominated line is clear, points are correctly set and the facing points are locked.
		17(b)	Train enters the station and operates the incoming treadle/track circuit as mentioned in Rule 5.06(2) of BWM.
		17(c)	Home signal goes back to 'ON' automatically.
		17(d)	Complies with GR 14.10, SR 4.17.01 and BWM Rule 2.07 (6)
		17(e)	Puts back the control to operate the signal mentioned in rule 5.06(2) of BWM as also the control to operate the first facing points lock to normal.
18	Acknowledges "Call attention" code of bell signals.	17(f)	Sends "Call attention" code of bell signals.

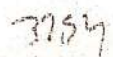
SN	Despatching Station	SN	Receiving Station
20	Observes that the upper needle of the block instrument points to "Line Closed" position. Acknowledges "train out of block section" code of bell signals.	19	Sends "Train out of block section" code of bell signals and on the last stroke keeping the plunger pressed turns the commutator to its next right so as to bring the pointer on the commutator to its vertical position and the lower needle of the block in instrument in the "Line closed" position Releases plunger.
Normal conditions of the instruments at both stations are thus restored and can be operated again in the manner described above for the next train to move in the same direction between the stations concerned.			


 (Ajay Shukla)
 Chief Operations Manager
 S. E. C. R./Bilaspur
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No. OPTG/SECR/Corr. Slip/425.

Circulations:-

1. DRM/BSP, R & NGP.
2. Sr. DSO, Sr. DSTE, Sr. DEN (Co-ord)/BSP, R & NGP.
3. Sr. DOM, Sr. DME, Sr. DEE (OP)/BSP, R & NGP.
4. CFTM, CPTM, CTPM, CSO, CSTE, CEE, CE & CME/SECR/BSP
5. Principal, ZRTI/SINI, MTDC/BSP, ELTS/USL, STC/SDL, DTT/BIA & DGG.
6. Secy. /SECR for kind information of GM.
7. Advisor (Safety)/Railway Board/New Delhi.
8. ATM/Control/HQ.


 Chief Operations Manager
 S. E. C. R./Bilaspur