

## 2.0 Description of Block Panel of SSBPAC(D)

2.1 SM's Block panel is provided with following KYS for Following functions

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|-------|--------------------------------|--|
| 2.1.1 | SM Key                         | <p>SM/ASM's control key.</p> <p>The key when out prevent following operations:</p> <ul style="list-style-type: none"> <li>a) Transmission of BELL code</li> <li>b) Transmission of IS LINE CLEAR inquiry request</li> <li>c) Cancellation of LINE CLEAR</li> </ul> |
| 2.1.2 | LCB Key                        | <p>LINE CLEAR BLOCKING key.</p> <p>It serves the following, when out,</p> <p>To prevent station in rear to take LINE CLEAR.</p> <p>To prevent closing of Block</p>   |
| 2.1.3 | SM's Back Cover lock key       | <p>To open or lock the back cover by SM/ASM/Switchman, when required by signal staff for maintenance or repairs.</p>   |
| 2.1.4 | Maintainer Back cover lock key | <p>To open of lock the back cover by authorised signal staff, for maintenance or repairs, provided SM's back cover lock key as per cl.7.1.3 is also applied.</p>   |

## 2.2 SM'S Block Panel is provided with non-locking PUSH BUTTONS

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|-------|--------------------------------------|--|
| 2.2.1 | BELL button (Black in colour)        | <ul style="list-style-type: none"> <li>a) To transmit BELL codes to station at other end of Block section.</li> <li>b) To take LINE CLEAR, when pressed along with TRAIN GOING TO button.</li> </ul> <p>To cancel LINE CLEAR, when pressed along with CANCEL button.</p>   |
| 2.2.2 | TRAIN GOING TO Button(RED in Colour) | <p>To transmit IS LINE CLEAR inquiry to station in advance for taking LINE CLEAR. It is used in conjunction with BELL button at train sending station to light up TRAIN COMING FROM (GREEN) indication on Block Panel of receiving station, which in turn automatically grants LINE CLEAR to light up and TRAIN COING to (GREEN) indication on Block Panel of sending station.</p> |
| 2.2.3 | ACKN Button(s) (Black in Colour)     | <p>Two such buttons are provided, one each for despatch line and receive line.</p> <p>To silence the SECTION buzzer on occupation or clearance of block section.</p>   |

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|-------|--|--|
| 2.2.4 | Cancel Co-op Button<br>(Green in Colour) | To give co-operation from sending station to cancel the line clear at receiving station.   |
| 2.2.5 | CANCEL Button (Yellow in Colour)         | <p>It is used in conjunction with BELL button at train receiving.</p> <p>Station under following conditions:</p> <p>Train has not entered the block section and Line clear cancellation has to be done.</p> <p>Complete train has been pushed back at train sending station.</p> |

## 2.3 SM's Block Panel is provided with ILLUMINATED INDICATORS

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|-------|---------------------------------|---|
| 2.3.1 | LINE CLOSED<br>Indication       | Circular indications (TWO Number) in between the directional arrowhead.   |
|       | YELLOW                          | To indicate Block Section free from vehicles and LINE CLEAR not granted/received at train receiving/ train sending station respectively.  |
| 2.3.2 | TRAIN COMING<br>FROM indication | In a directional arrowhead pointing downward for incoming traffic towards station at train receiving station.   |
|       | GREEN                           | To indicate LINE CLEAR granted when TRAIN GOING TO Button and BELL button have been pressed at sending station and the conditions for the granting of LINE CLEAR at receiving station have been complied with and a rectangular indication named TCF lights up GREEN. |
|       | RED                             | To indicate TRAIN ON LINE on entry of incoming train on LINE CLEAR.   |
|       | FLASHING GREEN                  | <p>To indicate:</p> <p>Block section clear after arrival of train, but associated Signals and their controls not normal at either of station or LCB Key is OUT.</p> <p>Cancellation of LINE CLEAR before entry of train in Block Section.</p>                         |