

Taking OFF signal when more than one train at a time

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IRTS-2017(P)

Simultaneous Reception

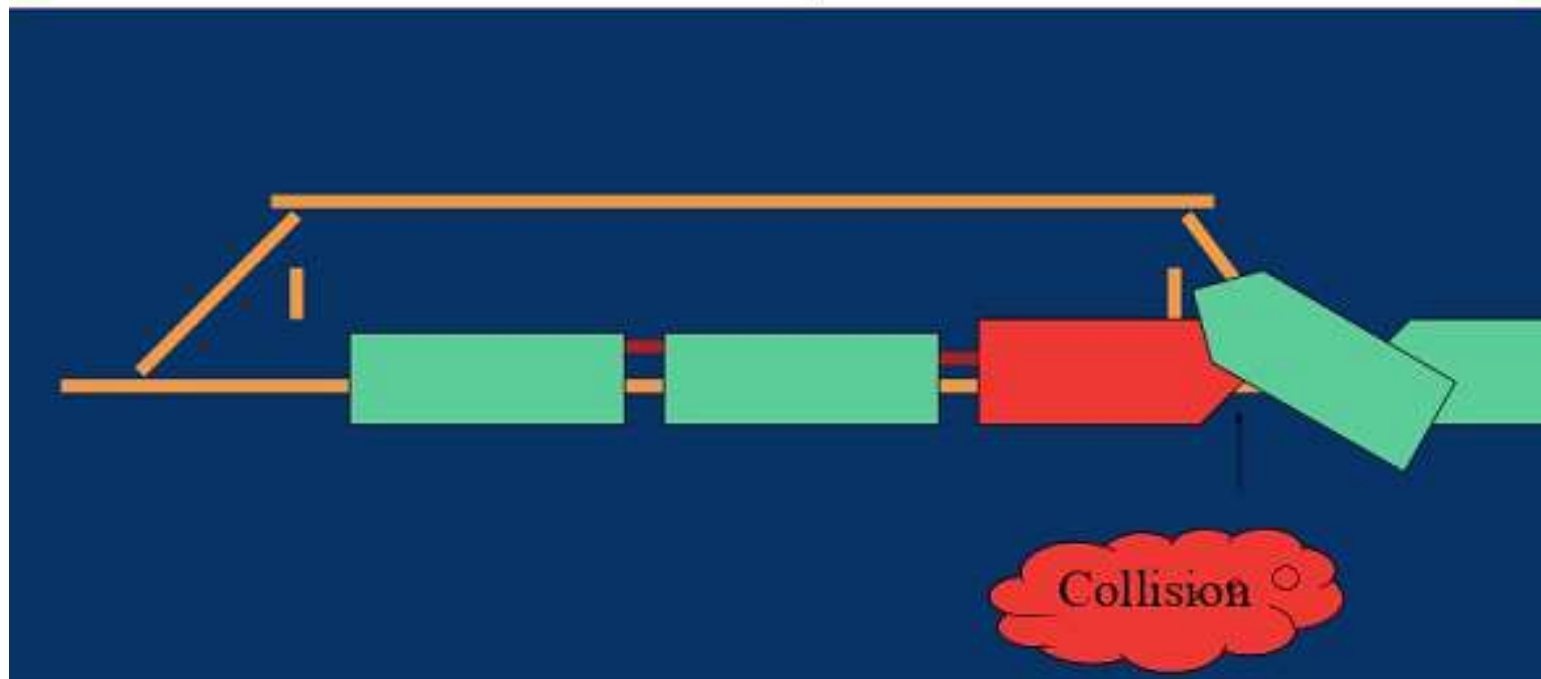
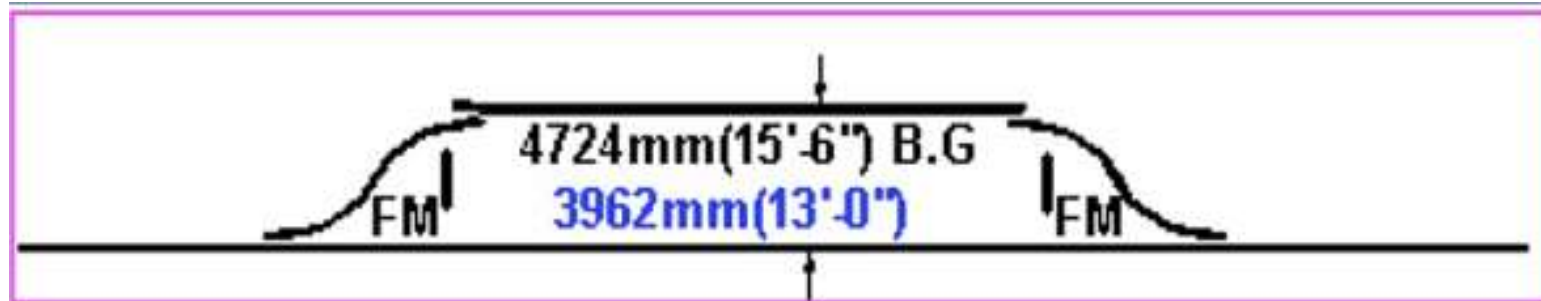
When two or more trains are approaching simultaneously from any direction , it is termed as simultaneous reception across the station . This condition is mainly observed at Single Line Railway Stations where both Up and Down movements take place on the single line.

How to Take OFF Signal when more than one train?

- When two or more trains are approaching simultaneously from any direction, the signals for one train only shall be taken Off, other necessary signals being kept at On, until the train for which the signals have been taken Off, Has come to a stand at the station,
- or has cleared the station and the signals so taken Off for the said train have been put back to On except where under special instructions, the interlocking or the layout of the yard renders a contrary procedure safe.

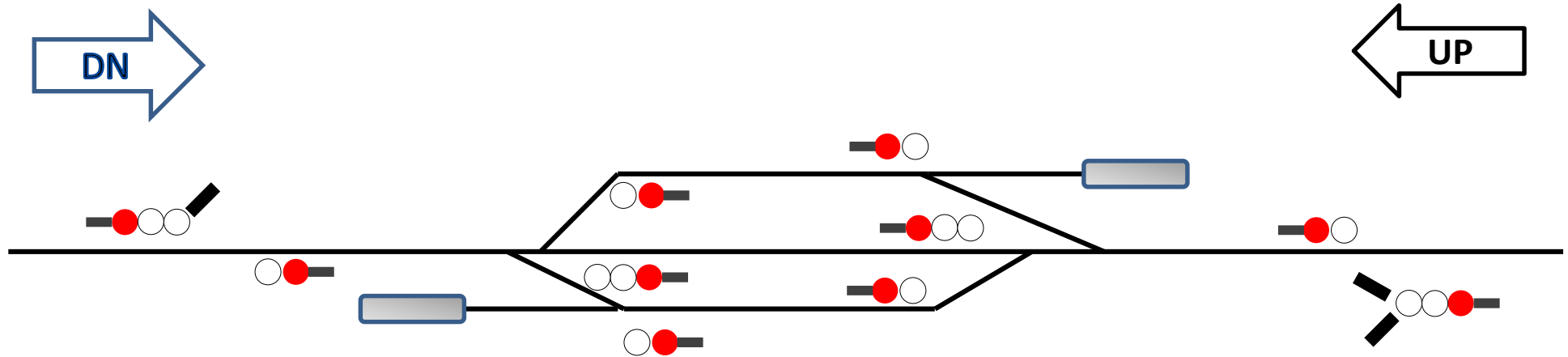
- Except where simultaneous reception is permitted during crossing of trains, the Station Master shall not take Off signals for the second train until the first train has arrived complete and is also standing clear of fouling marks of the line on which the second train shall be received.

Fouling Mark



RECEPTION OF TRAIN

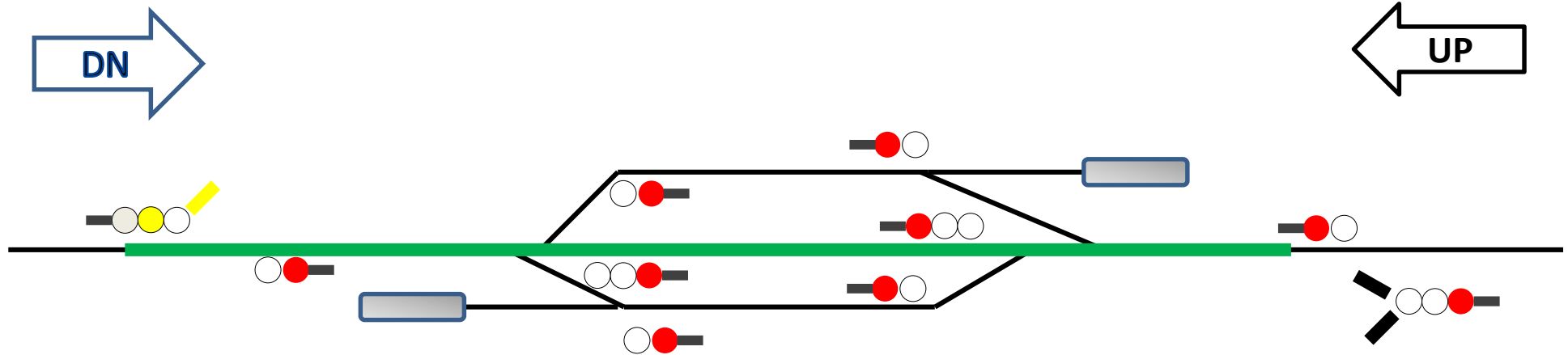
There are Three Way to reception of DN Train



RECEPTION OF TRAIN

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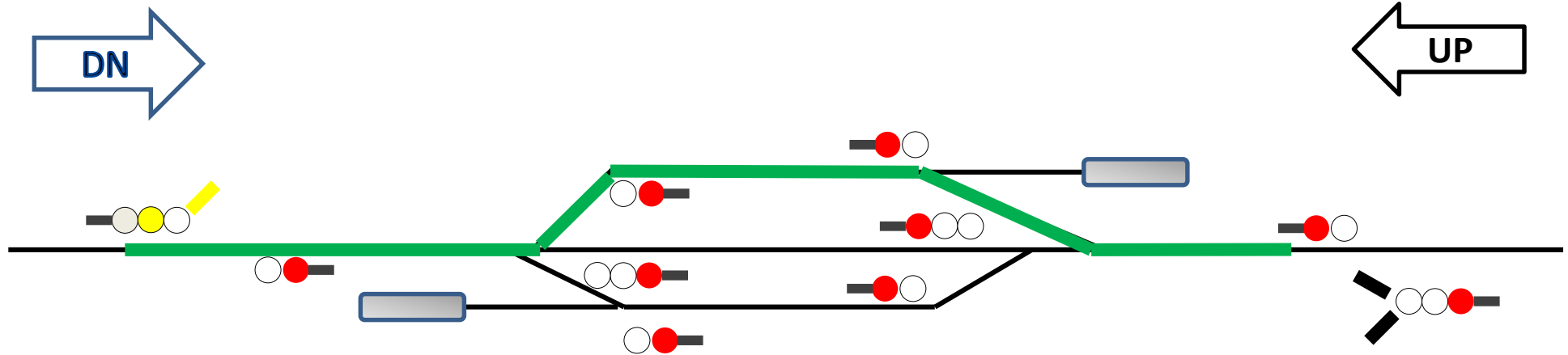
1



RECEPTION OF TRAIN

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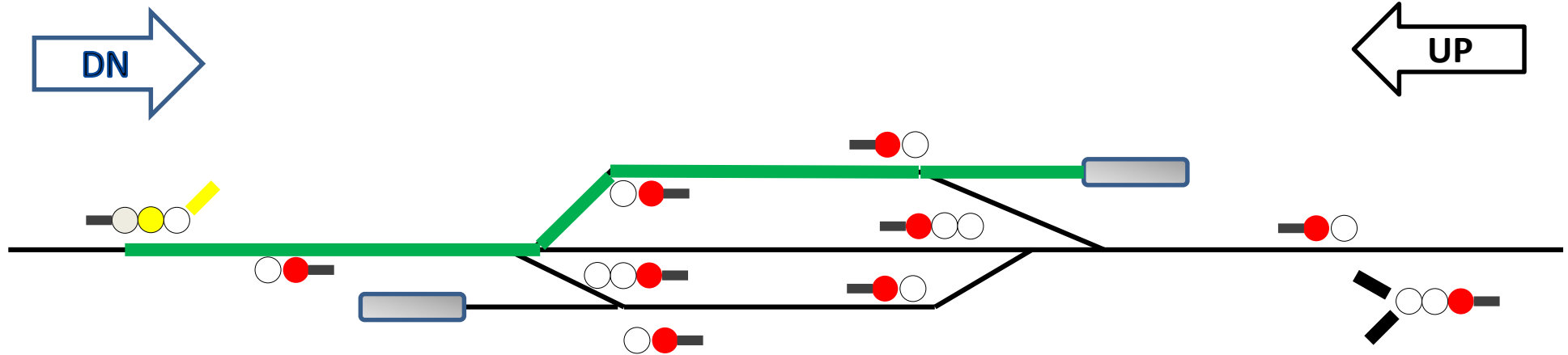
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RECEPTION OF TRAIN

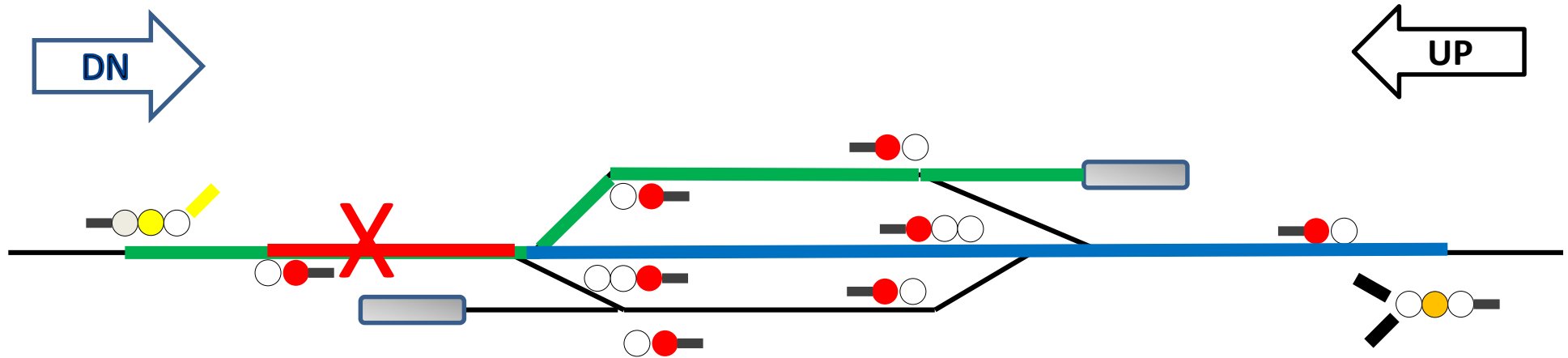
There are Three Way to reception of DN Train

3

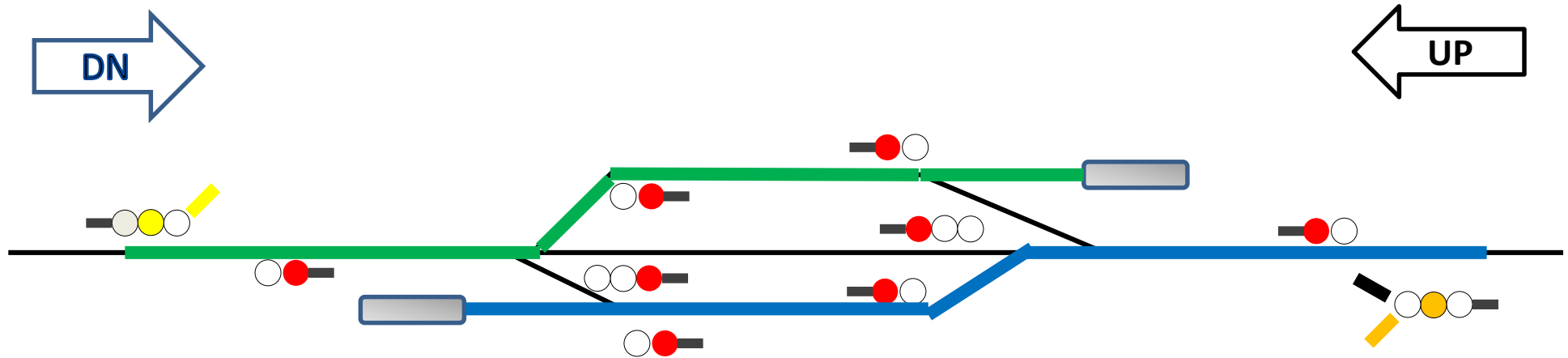


RECEPTION OF TRAIN

When a DN train Admit in loop line, It not possible to admit UP train on Main Line



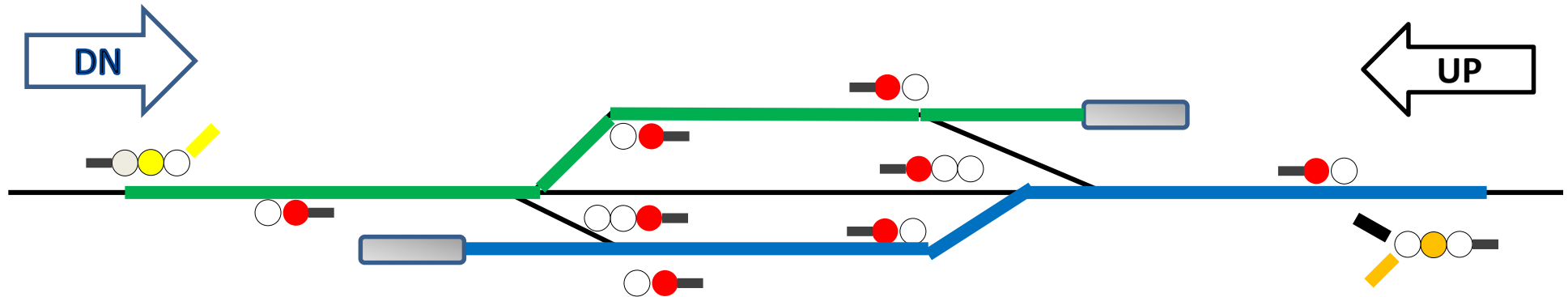
SIMULTANEOUS RECEPTION OF TRAIN



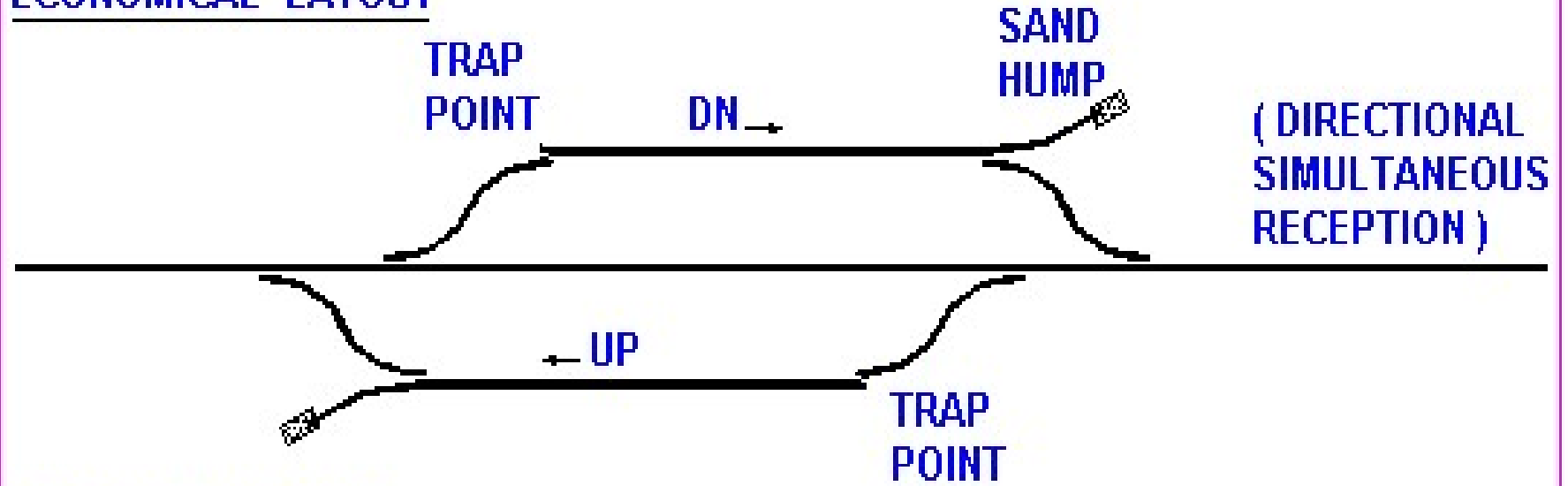
SIMULTANEOUS RECEPTION OF TRAIN

The following are necessary for simultaneous reception

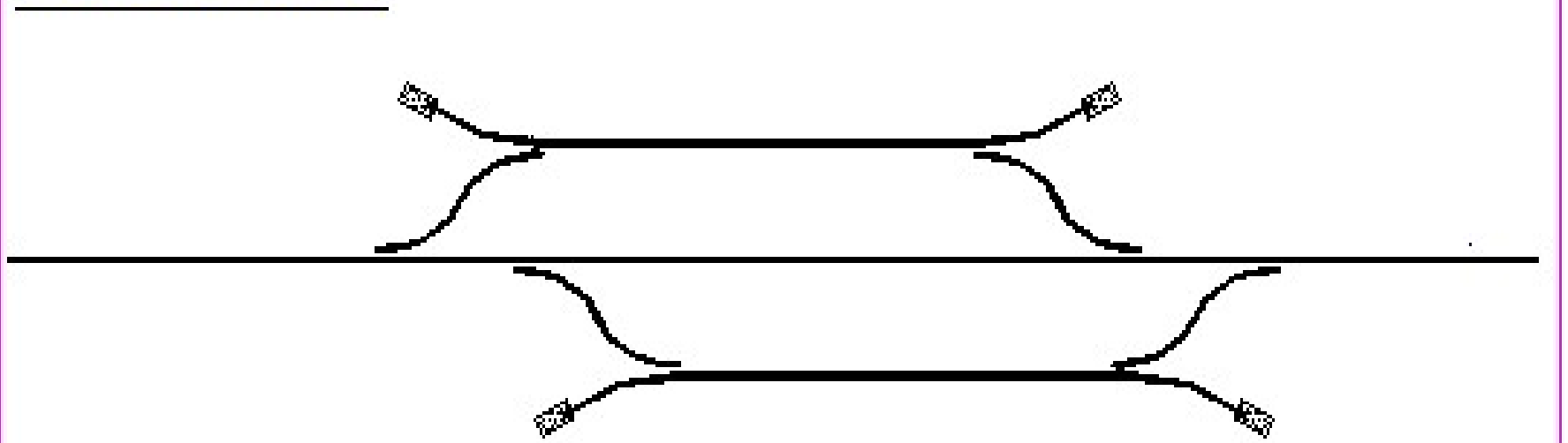
1. There should be one loop line on either side of the Main line
2. Home signal in both direction with route indicator
3. Both loop line should be terminated with Sand Hump or Long Dead end Siding
4. All points must be provided with locking system like lock bar or track lock panel
5. Station provided with at least STD II (R) interlocking



ECONOMICAL LAYOUT

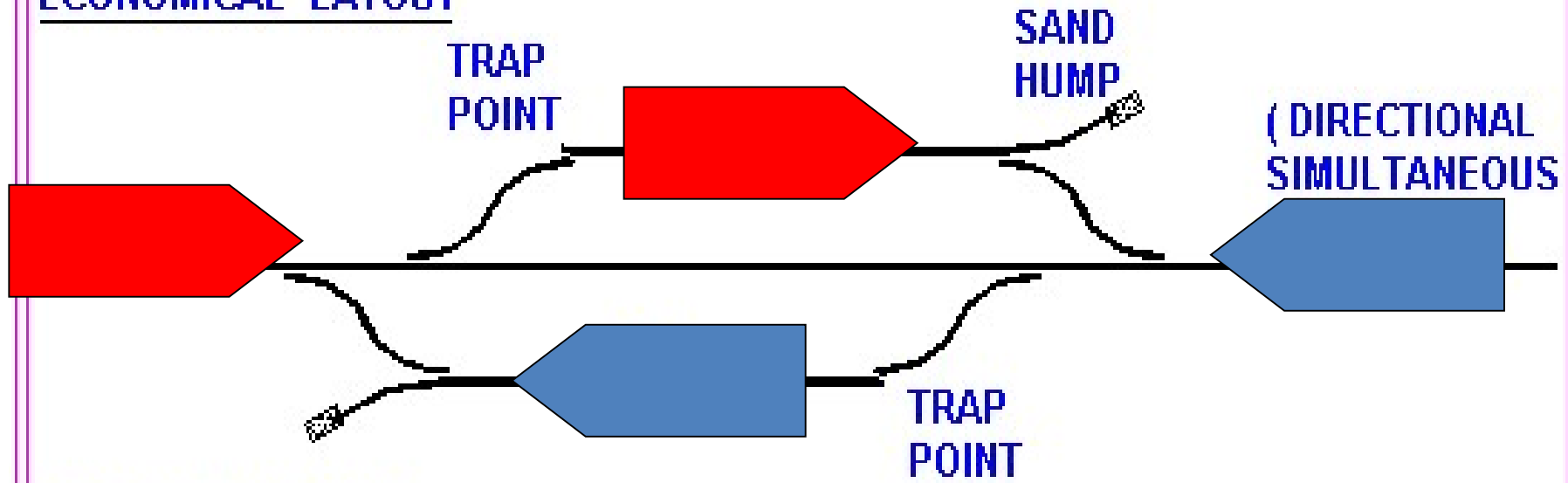


UNIVERSAL LAYOUT

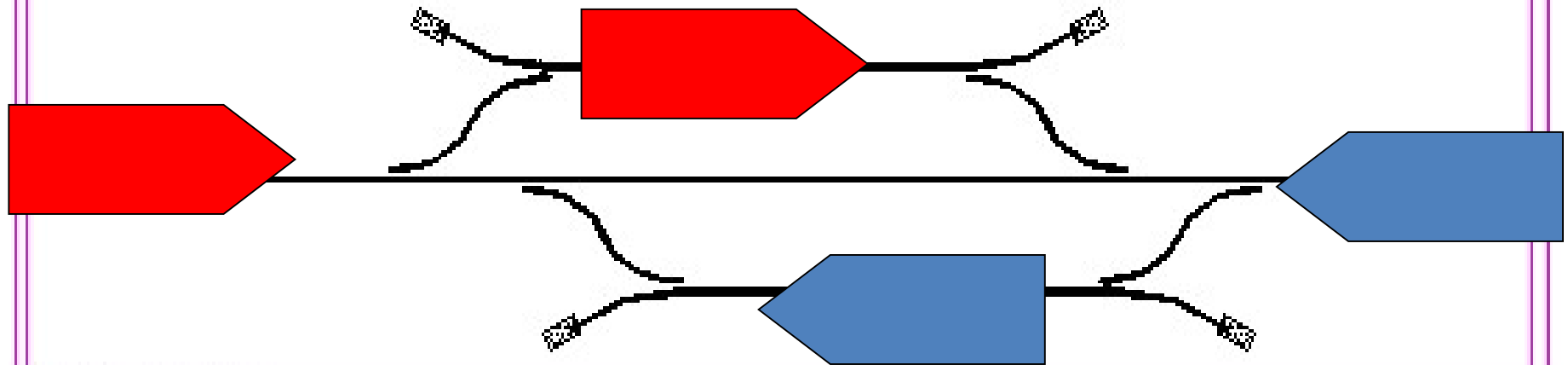


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ECONOMICAL LAYOUT

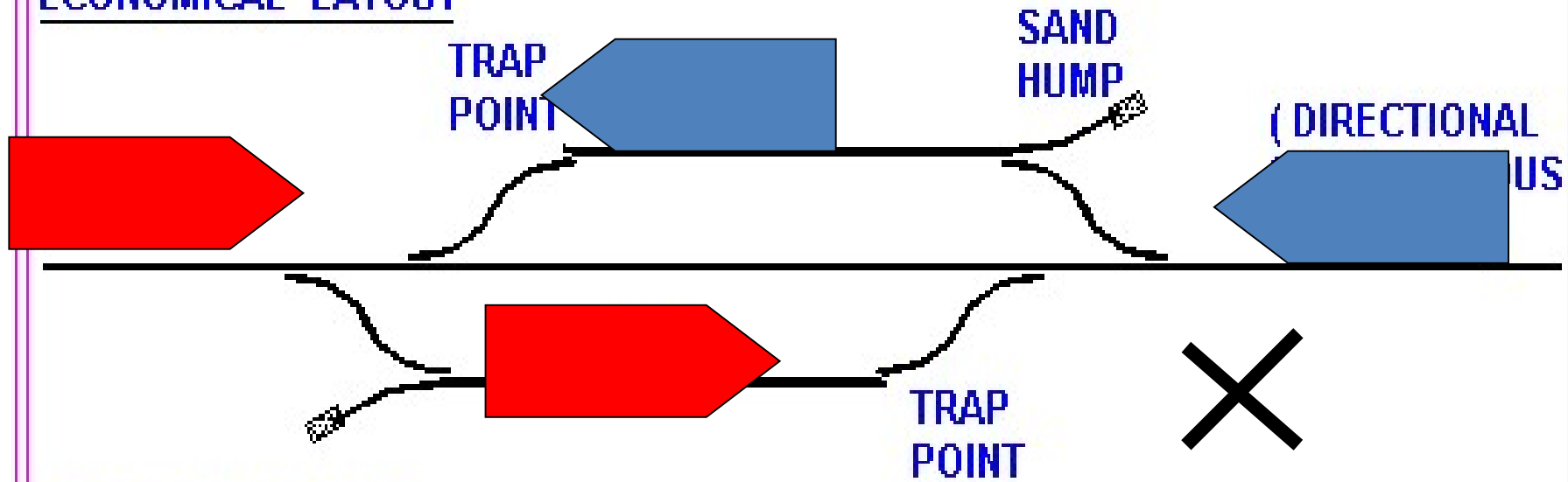


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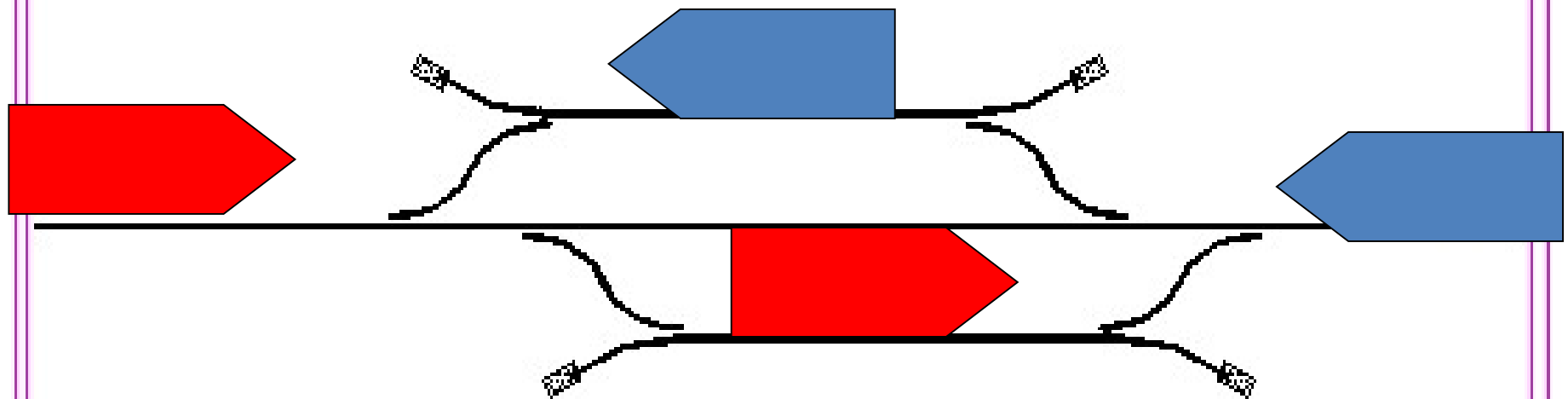


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ECONOMICAL LAYOUT



UNIVERSAL LAYOUT



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THANK YOU