

Railway Fundamentals – Track Circuits – self test questions

1. In which year was the Quintinshill accident?
2. In which country were track circuits in common use before the UK adopted them?
3. Which WSR signal boxes have full illuminated track diagrams?
4. At which WSR signal boxes would you see centre-pivot swing arm track circuit indicators?
5. What are the pairs of red lights on track diagrams called ?
6. What voltage does the demonstration rig work at?
7. If a piece of equipment is designed to 'fail safe' is that good?
8. If our track circuit demo piece of track was unoccupied but had a broken rail, would the indication be unoccupied or occupied?
9. What type of vehicle might not operate track circuits?
10. If the rails were very rusty is there a risk the track circuit would not detect a vehicle?

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