

Balloon Railway Switch

Hint level 1 - HOST ONLY

1. Signal

Look at the training cards that share one signal.

2. Record

Start with the status field in Train cards.

3. Station

Find the column letters and row numbers on the grid.

4. Stock

Find opening stock, closing stock and the DONE or CANCELLED marks.

5. Signal 5

Find the symbol key and the message strip.

6. Final

Find the starting states, dial order and pulse-card key.

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Hint level 2 - HOST ONLY

1. Signal

In an unordered pair, a word cannot be assigned by its left/right position. Use the overlap with another pair.

2. Record

The tag links an item to a bay; rows in separate records need not line up.

3. Station

A coordinate gives column first and row second; keep the printed coordinate order.

4. Stock

Only completed entries change stock. A cancelled plan cannot be added or subtracted.

5. Signal 5

Use the same key every time a symbol repeats. Read the message in its printed order.

6. Final

Each selected vector lists turns for every dial. Several different cards can affect the same dial.

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Hint level 3 - HOST ONLY

1. Signal

Give each signal a different word, check every training example and only then decode the received message in its printed order.

2. Record

Keep only entries meeting every status test. Follow each printed join to the report field; do not guess from row position.

3. Station

Read the full word before using the conversion table. If the word is missing, recheck each row and column rather than choosing a similar word.

4. Stock

Apply every known completed change to opening stock. Compare that result with closing stock to recover the missing completed return.

5. Signal 5

Write the complete decoded word, check every symbol, then use the conversion row for that exact word.

6. Final

Add one dial column at a time to its starting state, wrap around the three-state loop, then check that all five pulse cards were used.