



Marvin Chow &lt;hoorider@gmail.com&gt;

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## Branchline Testing

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**Martin Perry** <msperry50@blueyonder.co.uk>

Mon, Jan 4, 2010 at 2:47 PM

To: Marvin Chow &lt;hoorider@gmail.com&gt;

Cc: Vern Waight &lt;VernatSF@aol.com&gt;

Marvin,

What follows is offered without really knowing exactly what problem you have...but

>I got the meter to go from left to right on both rails.<

You don't say what range you had the meter on?? Were you measuring volts DC or did you have it on one of the resistance measuring ranges? It sounds like the latter when you say you had continuity.

If so then the meter needle not shifting from the left side indicates no current flowing and therefore no continuity. If it swings right over to the right then you have continuity.

> I tested for continuity with the rails on 322 from both ends and I got the meter to go from left to right on both rails.<

That is correct then.

>I did the same for the Branchline and discovered the left rail (one further from the viewing area) has continuity<

That is also correct. On the Branchline the further rail is the common.

>but the right rail (one closer to the viewing area) stays to the left.<

So there is a break somewhere then in the closer rail and that is the one that is switched by a toggle on one of the slideout trays under the benchwork. Since the power to block 322 is connected to this track by way of an exchange siding arrangement when the Branch access switches are thrown, then it would not be surprising that 322 loses power when the crossover is activated. I'll bet your problem is under or close to the tray toggle switch.....

Martin P.

[Quoted text hidden]

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