

FALSE PROCEED SIGNAL REPORT

REPORT FOR (month/year)

07/19/2000

All Railroads subject to Regulations of the Federal Railroad Administration shall submit a false proceed signal report, original only, to the Federal Railroad Administration within five days after a false proceed occurs. If no false proceed occurs during any calendar month, a report showing "No Failures" must be filed within ten days after the end of the month.
Copies of this form will be furnished upon request to the Department of Transportation, Federal Railroad Administration, Office of Safety, Washington, D.C. 20590

REPORTING CARRIER (railroad and region or division)

CSX
Transportation
Train Control

MAIL TO

Federal Railroad Admin.
61 Forsyth St SW
Suite 16T20
Atlanta, Ga. 30303

REPORTING CARRIER (signature/title)

Director Signal Reliability

A failure should not be counted more than one time in items 1, 2, 3, and 4; the failure should be classified under the basic system or appliance of which it forms an essential part. E.g.: assume grounds cause a block signal to indicate a false proceed causing corresponding indications of a cab signal system on each train approaching this point, such failures should be included in item 1, Block System.

A false proceed failure is a failure of a system, device or appliance to indicate or function as intended which results in less restriction than intended.

The following abbreviations may be used in the report.

A-Automatic	EM-Electromechanical
AB-Automatic block	EP-Electropneumatic
ACS-Automatic cab signal	FP-False proceed
APB-Absolute permissive block	MB-Manual block
ATC-Automatic train control	M-Mechanical
ATS-Automatic train stop	P-Pneumatic
CL-Color light	PL-Position light
CPL-Color position light	SA-Semiautomatic
E-Electric	TC-Traffic control

TYPE OF SYSTEM	DATE	LOCOMOTIVE NUMBER	DEVICE THAT FAILED	LOCATION (city and state)
1 BLOCK SYSTEMS <input checked="" type="checkbox"/> AB <input type="checkbox"/> APB <input type="checkbox"/> TC	07/19/2000	Q138-19	EB Signal #2 Track	Scott Haven PA
2 INTERLOCKING <input type="checkbox"/> AUTO-MATIC <input type="checkbox"/> REMOTE <input type="checkbox"/> MANUAL				
3 AUTOMATIC SYSTEMS <input type="checkbox"/> ATS <input type="checkbox"/> ATC <input type="checkbox"/> ACS				
4 OTHER (specify)				

NATURE AND CAUSE OF FAILURE/CORRECTIVE ACTION TAKEN

At approximately 1830 on 19 July, Q136-19 eastbound on #2 track reported a clear signal with the crossover from #2 to #1 track lined against them. The eastbound signal on #2 track was removed from service.

The false clear signal was found to be due to a wiring error. The B-12 wire was found to be connected to the heel contact of a relay in the 51B circuit instead of to the front contact. The wiring error bypassed a relay contact which should have opened the HD circuit when the switch was reversed and set the signal to red. With this contact bypassed, the switch could be reversed without knocking down the opposing signal.

The wiring error was corrected, operational checks were performed, and the signals were restored to service at 2310.