



## SYSTEM OPERATING PRACTICES

# 2018

# CSX

## RAILROAD OPERATING RULES STUDY GUIDE

NOTE: This document is based on the Operating Rules dated January 15, 2014

*This study guide is not the test. It is a guide to help you prepare for the test and should be used in conjunction with the operating rule book, timetable/special instructions and classroom instruction. If an employee has any doubt as to the meaning or application of any rule or special instruction, that employee should seek clarification from a member of the Operating Practices Department.*

UPDATED January 4, 2017

1. List the requirements if after passing over a defect detector, crewmembers must: (4303.1)

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2. List the requirements if all crewmembers are unable to agree on the contents of the inspection results message: (4303.2 & 4303.4)

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3. List the requirements if a walking inspection of the entire train is required: (4304.3)

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4. List the requirements if defects detector indicates NO defects. (4303.4)

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5. List the requirements if defects detector indicates one or two defects. (4303.4)

6. List the requirements if defects detector indicates three or more defects. (4303.4)

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7. List the requirements if defects detector indicates NO results message is received or the message is NOT clearly received or NOT understood. (4303.4)

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8. List the requirements if defects detector indicates NO alarm tone is received when passing over the defect detector and results message indicates integrity failures, it is NOT working, it has malfunctioned, or as axle count malfunction. (4303.4)

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9. List the requirements if defects detector indicates alarm tone is received when passing over the defect detector and the results message indicates integrity failures, it is NOT working, it has malfunctioned, an axle count malfunction, or a defect at an axle location that exceeds the known number of axles for the train. (4303.4)

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10. List the requirements if a defect is NOT found at the location identified and the passenger train's speed was 8 MPH or more. (4304)

11. List the requirements if a defect is NOT found at the location identified and the train's speed was less than 8 MPH. (4304)

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12. List the requirements if NO defect is found during the required inspection. (4304)

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13. List the requirements if a " Hot Bearing" is found. (4304)

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14. List the requirements if the same bearing actuates two or more defect detectors on the same trip and NO defect is found. (4304)

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15. List the requirements when a red " Hot Box" tag must be used. (4103 & 4304)

16. Which glossary term describes the location near a turnout beyond which it is unsafe for passage on an adjacent track and unsafe for an employee to ride the side of equipment on the adjacent track? (Glossary)

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17. Which glossary term describes a computer-generated form issued by the train dispatcher containing current operating instructions that apply to the train addressed as well as information relating to the most recently issued system and division bulletins? (Glossary)

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18. Which glossary term describes a written or electronically transmitted special instructions issued by a division concerning the safety of employees and the movement of trains? (Glossary)

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19. Which glossary term describes an auxiliary track for meeting or passing trains, where block signals govern train movements on the track? (Glossary)

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20. Which glossary term describes a speed that permits stopping within one-half the range of vision? It also requires stopping short of a train, a car, on-track equipment, an obstruction, a Stop Signal, a derail, or an improperly lined switch. It requires looking out for broken rail. It is not to exceed 15 MPH. (Glossary)

21. Which glossary term describes a speed not exceeding 45 miles per hour? (Glossary)

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22. Which glossary term describes a speed not exceeding 30 miles per hour? (Glossary)

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23. Which glossary term describes a speed not exceeding 15 miles per hour? (Glossary)

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24. Which glossary term describes information contained in timetables, system bulletins, division bulletins, and CSX procedural instruction manuals? (Glossary)

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25. Which glossary term describes a written or electronically transmitted special instructions issued by the Operating Rules Department concerning the safety of employees and the movement of trains? (Glossary)

26. Which glossary term describes a method of authorizing movements or protecting employees or on-track equipment in signaled or non-signaled territory on controlled track within specified limits? Movement within TWC territory is under the jurisdiction of the train dispatcher. (Glossary)

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27. Which glossary term describes a method of establishing working limits on tracks where the crew of a train that holds exclusive authority to move yields that authority to a roadway worker to perform materials distribution with a work train, snow duty, or track work at a derailment site? (Glossary)

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28. Which glossary term describes any instruction issued by the train dispatcher or control station required to be recorded in writing that grants authority for occupancy of a controlled track or requires a train or on-track equipment to take a defined action? (Glossary)

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29. Which glossary term describes a procedure using the following steps that provides protection for employees before they foul equipment; apply the brake, center the reverser, and put the generator field switch in the OFF or OPEN position? (Glossary)

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30. Which glossary term describes a signal aspect that permits a train to proceed when the condition of the block does not justify such an aspect? (Glossary)

31. Which glossary term describes the operating cab of the controlling locomotive or other equipment specified by the rule when employees have established and maintained an environment where their attention and conversation is restricted exclusively to the actions governing the safe movement of the equipment? (Glossary)

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32. Which glossary term describes when on the ground, a location that is clear of all tracks and ensures employee cannot be struck by rolling equipment. When riding on equipment with three points of contact and facing the direction of movement? (Glossary)

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33. Which glossary term describes a straight track? (Glossary)

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34. Which glossary term describes a computer-generated form advising of a dispatcher bulletin number and the number of train messages it must contain. Its address must correspond to the associated dispatcher bulletin? (Glossary)

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35. Which glossary term describes a condition that exists when a train or on-track equipment is the only movement authorized to occupy and move within a block or within the limits of an EC-1 or EC-1e authority? (Glossary)



36. Which glossary term describes the maximum speed a train or on-track equipment is authorized to operate; the speed will be designated by rule, special instruction, train documentation, dispatcher message, Form EC-1, or signal indication? (Glossary)

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37. Which glossary term describes a system by which controlled signals or instructions of a train dispatcher from a centralized location or both govern train and on-track equipment movements? (Glossary)

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38. Which glossary term describes an arrangement of interconnected signals and signal appliances that succeed each other in proper sequence and for which interlocking rules are in effect. (Glossary)

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39. Which glossary term describes a designated employee whose only responsibility is to direct or restrict the movement of trains at a specific point to provide on-track protection for roadway workers? (Glossary)

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40. Which glossary term describes a passenger train with a multiple unit (MU) or control car on either end? (Glossary)

41. What is the definition of a controlled siding? (Glossary)

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42. List the progression if rules and special instructions conflict. (100.2)

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43. List the all required documents an employee must have in their possession before entering, using, or dispatching controlled tracks. (100.4)

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44. List how system and division bulletins and notices are numbered, expire, and reissued. (101.3)

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45. List the requirements for a watch. (102.2 & 102.3)

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46. Describe the reason all issued documents and Form EC-1 must be provided to a supervisor. (103.8)

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47. List who is authorized to ride on locomotives and on-track equipment. (110.3)

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48. List the situations in which an employee is prohibited to sleep or napping. How is sleeping or napping described? (111.1 & 111.2)

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49. List the responsibilities of the locomotive operator. (112)

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50. List the responsibilities of all crew members. (112)

51. List the responsibilities of the ranking crewmember. (112)

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52. List the flagging equipment location(s) and item(s) required at the beginning of tour of duty. (200.1)

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53. List flagging equipment an employee uses when providing warning signals day and night. (200.3)

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54. List the Authorized Track Speed for each Minimum Warning Distance. (201.2)

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55. List the reason the following horn signal is used: — — O — (2 longs, short, long) (203.2)

56. List the reasons for which you would use the following horn signal: — O (203.2)

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57. List the reason the following horn signal is used: Succession of sounds (203.2)

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58. List the requirements for locomotive horn failure: (203.4)

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59. List the procedure that must be followed in the event of an en route failure of the headlight and/or auxiliary light. (204.5 & 204.8)

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60. List the marker requirements for day and night. (205.2 & 205.3)

61. List when and by whom must the marker be inspected. (205.5)

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62. List the requirements if a marker fails en route. (205.9)

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63. Describe the movement requirements while using other than main track or signaled tracks. (300.4)

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64. List the speeds for other than main tracks or signaled tracks. (300.4)

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65. List the reasons a train must NOT exceed a specific speed, also list the speed. (300.5)

66. List the procedure if the train encounters an unattended fusee. (300.5)

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67. List the reasons crewmembers must take action to ensure the safety of the train. (301.2)

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68. List the procedure of after receiving a Heat Warning. (301.6)

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69. List the procedure after receiving a Flash Flood Warning. (301.7)

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70. Describe how wayside signs are placed. (304.2 & 304.3)

71. Describe how warning signs will be place if more than one restrictions is located in the same location. (304.4)

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72. List the required if a train encounters Wayside Sign(s) that is not covered by instructions. (304.7)

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73. List the requirements to enter or move inside work limits within 30 minutes of the effective time. (305.2)

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74. List the procedure of intermediate milepost location(s) within working limits. (305.4)

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75. List the all the requirements for permission to enter working limits. (305.5)



76. List the procedure if a train stops within working limits. (305.8)

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77. List the procedure if a train has an emergency application of the brakes. (308.1 & 308.2)

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78. List the requirements for providing warning after the train experience an emergency application of the brakes. (308.3)

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79. List the requirements of the train dispatcher after being notified of a train in emergency. (308.4)

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80. List the requirements of any train that has received notification of a train in emergency. (308.11)

81. List the requirements to pass a train stopped in emergency. (308.4 & 308.12)

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82. List the requirements to pass a train or de-train passengers at a station with a track between the station platform and the train. (309)

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83. List the requirements when approaching a work location with a flagger. (310)

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84. Describe the different requirements between activation failure and false/partial activation. (314.1)

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85. List the requirements to utilize a flagger located at a activation failure. (314.1)

86. Describe the procedure, if the requirements to utilize a flagger located at an activation failure are NOT met. (314.1)

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87. List the procedure to shove over a highway-rail crossing at grade. (314.5)

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88. List the procedure if a train stops or is delayed approaching a highway-rail at grade equipped with automatic warning devices. (314.8)

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89. List requirements for non-member of the crew to foul equipment. (400.1)

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90. List the requirements for lining a switch or derail. (401.2)

91. List the requirements must be visually determined before fouling a track. (401.3)

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92. List the requirements to operate a switch or derail on a controlled track. (401.4)

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93. List the procedure if an employee discovers a defect switch or derail. (401.7)

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94. List the procedure for an employee after lining a switch or derail. (401.8)

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95. List the normal positions for hand-operated switches and derails.  
(401.9, 401.10, & 401.11)

96. List the EXCEPTION(S) for a switch or derail not being in the normal position. (401.12)

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97. List the procedure if a spring switch is not properly lined on a facing point movement. (402.8)

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98. List the requirements for switching passenger equipment. (405.9)

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99. List the procedure for leaving equipment unattended. (408.2)

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100. List the requirements to occupy a controlled track. (500.1)

101. List the procedure to receive a verbally release from the train dispatcher. (500.4)

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102. Describe the procedure that must be followed when the dispatcher bulletin does NOT contain correct names or employee IDs. (500.6)

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103. List the procedure, if any irregularities are found on the dispatcher bulletins. (500.7)

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104. Requirements for Form EC-1. (501.1)

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105. List the requirements for instructions on a Form EC-1. (501.2)

106. List the procedure if an error is discovered on Form EC-1. (501.4)

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107. Describe how long a Form EC-1 is in effect. (501.6)

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108. List the tracks able to be used without permission from the train dispatcher or control station. (502.1)

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109. List the requirements to enter a siding. (503.4)

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110. List the requirements when taking the siding in TWC-D or TWC-ABS territory. (503.6)

111. List the requirements of the employees in the operating cab of the lead locomotive.  
(503.8)

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112. List the requirements of a crewmember in the operating cab of the lead locomotive must announce by radio.  
(503.9)

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113. List the requirements of the employee at the controls of the equipment.  
(503.10)

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114. List the requirements of a crewmember if the train is stopped on a controlled track.  
(503.11)

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115. List the requirements of other crewmembers NOT in the operating cab of the lead locomotive.  
(503.12)



116. List the requirements to stop to meet another train. (503.13)

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117. List the requirements of sterile cab. (503.14)

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118. List the requirements and type of territories for General Signal Rules. (504.1)

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119. List the requirements when NOT governed by a fixed signal. (504.3)

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120. List the requirements when a train may operate according to the indication of the next fixed signal governing the movement. (504.4)

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121. Describe how long restricted speed is required, when received by a signal indication.  
(504.5)

122. List the requirements, if a train fails to actuate a signal properly. (504.6)

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123. Describe the procedure if the train stops within an engine length of an absolute signal.  
(504.7)

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124. Describe the procedure, if a train enters a block on a signal indication that does not  
require restricted speed then stops. (504.8 & 504.9)

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125. Describe the procedure, if a train is approaching a home signal at the railroading  
crossing at grade. (504.9)

126. Describe the procedure that must be followed when a train is approaching a home signal at a railroading crossing NOT at grade. (504.9)

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127. Describe the procedure that must be followed to authorize a train to occupy a specific track segment and move in both directions. (504.11)

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128. List the procedure to place a dual-controlled power-operated switch in hand position. (504.14)

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129. List the requirements a train may make reverse movement permitted without permission from the train dispatcher. (504.17)

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130. List the requirements to make a reverse movement beyond the limits of a block. (504.18)

131. Describe the requirements to pass a Stop signal. (504.21 & 504.22)

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132. List the procedure that must be followed when a train is stopped at an automatic railroad crossing. (504.25)

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133. Describe the procedure, if a train operating on a signal indication more favorable than Approach encounters a Stop signal or a signal requiring restricted speed. (504.27)

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134. How must a train be governed when a color light signal is encountered when the aspect of one or more lower units are dark? (504.28)

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135. List the procedure, when a fixed signal is absent from the place where it is usually displayed. (504.29)

136. List the procedure, when a train crew is observing an improper signal aspect permitting a train to proceed. (504.30)

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137. List the procedure to assist a standing train. (504.31)

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138. List the requirements to enter controlled track in TWC-D territory. (505.1, 505.2, & 505.3)

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139. Describe how the limits of the authority must be designated on a Form EC-1. (505.4)

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140. Describe the requirements for authorizing a train to work in both directions in TWC-D territory. (505.7)

141. Describe the requirements to make a reverse movement in TWC-D territory. (505.8)

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142. List the requirements to fulfill a track warrant authority. (505.10)

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143. List the requirements to release an authority or report by a location. (505.11)

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144. Describe the required procedure that must be followed when a train overruns the limits of an authority. (505.17)

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145. List the requirements to enter controlled track in TWC-ABS territory. (506.1, 506.2 & 506.3)

146. Describe how all movements are made in Main Track Yard Limits Non-Signaled [YL]  
(507.4)

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147. Describe how all movements are made in YL-S. (508.3)

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148. Describe the requirements to enter or make an initial movement in COT territory.  
(509.2)

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149. Describe the requirements when trains are moving against the current of traffic. (509.6)

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150. List the requirements to enter controlled track in TC territory. (510.1, 510.2, & 510.3)

151. List the requirements to enter controlled track in CP territory. (511.1, 511.2, & 511.3)

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152. List the requirements to enter controlled track in CSS territory. (512.1, 512.2, & 512.3)

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153. Describe the requirements for when cab signal aspects flip. (512.13)

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154. List the requirements the locomotive operator must report. (512.14)

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155. List the requirements for cab signals and fixed signals. (513.1, 513.2 & 513.3)



156. Describe the procedure that must be followed if a cab signal does not conform to the fixed signal at the entrance to a block. (513.5)

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157. Describe the procedure that must be followed when instructions or questions are presented. (600.5)

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158. Describe the procedure the train dispatcher must follow to activate the dispatcher bulletin. (602.7)

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159. Describe the procedure that must be followed when a train passes a Stop Signal without permission. (607.2)

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160. The train dispatcher may grant permission for movement against the current of traffic at a control point. What distance can be authorized by the dispatcher? (608.4)

161. Describe the required procedure for a train dispatcher to permit a locomotive to assist a standing train. (608.8)

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162. List the required procedure that a train dispatcher must follow before authorizing a reverse movement. (609.1)

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163. List the required procedure that a train dispatcher must follow before authorizing a train to work in both directions. (610.1)

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164. Describe the required procedure for when a train dispatcher authorizes multiple trains to work within the same established track segment. (610.2)

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165. Describe the procedure that a train dispatcher must follow if a train has an emergency brake application. (612.1 & 612.2)

166. Describe the procedure for the train dispatcher, if unable to contact the employee granted authority after the expiration time of that authority. (614.6, 614.7, 614.8)

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167. Describe the procedure for the train dispatcher, when notified of track irregularities or rough track. (622.1)

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168. Describe the use of radios. (1003.1)

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169. Describe how NOT to use the radio. (1003.2)

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170. Describe what information may ONLY be transmitted between members of the same crew. (1003.4)

171. Describe the requirements for when roadway workers are present and trains have access to work locations or adjacent tracks. (1004.2)

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172. Describe the requirements for positive identification. (1006.1)

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173. Describe how initials and numbers are stated. (1007.2 & 1007.3)

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174. Describe the procedure, when information that must be copied. (1009.1 & 1009.2)

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175. Describe the procedure when mandatory directives have been fulfilled, annulled or cancelled. (1009.5)

176. Describe the required procedure for making or using an emergency transmission.  
(1010.2 & 1010.3)

177. Describe the procedure for establishing blue signal protection on a main track. (1102.1)

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178. Which wayside sign is used to reduce speed as required? (Wayside signs)

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179. Which wayside sign is used to prepare to stop or reduce speed as required?  
(Wayside signs)

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180. Which wayside sign is used to stop before entering limits unless permission to enter limits is obtained? (Wayside signs)

181. Which wayside sign is used to visually remind push-pull trains? (Wayside signs)