using statement merging

Starting WCP with pid 1

1: proc 0 (:init::1) PromelaModel.pml:325 (state 1) [(run WCP())]

Starting client with pid 2

2: proc 0 (:init::1) PromelaModel.pml:326 (state 2) [(run client(0))]

3: proc 2 (client:1) PromelaModel.pml:26 (state 1) [req\_rep.client\_id = client\_id]

Starting client with pid 3

4: proc 0 (:init::1) PromelaModel.pml:327 (state 3) [(run client(1))]

5: proc 3 (client:1) PromelaModel.pml:26 (state 1) [req\_rep.client\_id = client\_id]

Starting client with pid 4

6: proc 0 (:init::1) PromelaModel.pml:328 (state 4) [(run client(2))]

7: proc 4 (client:1) PromelaModel.pml:26 (state 1) [req\_rep.client\_id = client\_id]

Starting CM with pid 5

8: proc 0 (:init::1) PromelaModel.pml:329 (state 5) [(run CM())]

9: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

10: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

11: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

12: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

13: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

13: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

13: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

14: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

15: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

15: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

16: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

17: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

18: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

19: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

20: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

21: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

22: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

23: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

24: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

25: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

26: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

27: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

28: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

29: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

30: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

31: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

32: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

33: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

34: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

35: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

35: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

36: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

37: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

38: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

39: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

40: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

41: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

42: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

42: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

42: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

43: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

44: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

44: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

45: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

46: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

47: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

48: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

49: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

50: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

51: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

52: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

53: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

54: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

55: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

56: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

57: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

58: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

59: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

60: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

61: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

62: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

63: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

64: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

64: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

65: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

66: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

67: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

68: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

69: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

70: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

71: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

71: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

71: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

72: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

73: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

73: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

74: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

75: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

76: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

77: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

78: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

79: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

80: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

81: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

82: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

83: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

84: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

85: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

86: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

87: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

88: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

89: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

90: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

91: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

92: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

93: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

93: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

94: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

95: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

96: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

97: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

98: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

99: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

99: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

100: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

101: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

102: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

103: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

104: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

105: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

106: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

107: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

108: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

109: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

109: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

110: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

111: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

112: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

113: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

114: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

115: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

116: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

117: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

118: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

119: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

120: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

121: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

121: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

121: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

122: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

123: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

124: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

125: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

126: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

127: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

128: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

129: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

130: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

131: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

131: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

132: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

133: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

134: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

135: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

136: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

137: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

137: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

138: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

139: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

140: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

141: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

142: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

143: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

144: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

145: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

145: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

146: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

147: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

148: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

149: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

150: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

151: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

152: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

153: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

153: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

154: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

155: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

156: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

157: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

158: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

159: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

160: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

161: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

162: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

163: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

164: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

164: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

164: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

165: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

166: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

167: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

168: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

169: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

170: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

171: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

172: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

173: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

174: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

174: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

174: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

175: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

176: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

177: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

178: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

179: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

180: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

180: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

181: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

182: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

183: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

184: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

185: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

186: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

187: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

188: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

188: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

189: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

190: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

191: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

192: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

193: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

194: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

195: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

196: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

196: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

197: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

197: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

198: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

199: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

200: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

201: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

202: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

203: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

204: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

205: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

206: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

207: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

207: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

208: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

209: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

210: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

211: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

212: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

213: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

214: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

214: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

215: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

216: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

217: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

218: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

219: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

220: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

221: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

222: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

223: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

224: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

224: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

225: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

226: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

227: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

228: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

229: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

230: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

231: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

232: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

233: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

234: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

235: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

236: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

236: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

236: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

237: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

238: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

239: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

240: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

241: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

242: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

243: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

244: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

245: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

246: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

246: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

247: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

248: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

249: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

250: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

251: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

252: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

252: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

253: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

254: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

255: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

256: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

257: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

258: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

259: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

260: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

260: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

261: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

262: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

263: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

264: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

265: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

266: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

267: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

268: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

268: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

269: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

270: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

271: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

272: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

273: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

274: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

275: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

276: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

277: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

278: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

279: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

279: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

279: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

280: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

281: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

282: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

283: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

284: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

285: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

286: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

287: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

288: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

289: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

289: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

289: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

290: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

291: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

292: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

293: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

294: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

295: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

295: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

296: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

297: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

298: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

299: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

300: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

301: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

302: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

303: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

303: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

304: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

305: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

306: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

307: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

308: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

309: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

310: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

311: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

312: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

313: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

314: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

315: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

315: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

316: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

316: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

317: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

318: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

319: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

320: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

321: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

322: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

323: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

324: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

325: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

326: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

326: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

327: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

328: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

329: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

330: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

331: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,5332: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

333: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

334: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

334: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

335: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

336: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

337: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

338: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

339: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

340: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

341: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

342: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

343: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

344: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

344: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

345: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

346: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

347: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

348: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

349: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

350: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

351: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

352: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

353: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

354: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

355: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

356: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

356: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

356: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

357: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

358: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

359: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

360: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

361: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

362: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

363: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

364: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

365: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

366: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

366: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

367: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

368: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

369: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

370: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

371: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

372: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

373: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

374: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

375: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

375: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

376: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

377: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

378: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

379: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

380: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

381: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

382: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

383: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

383: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

384: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

385: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

386: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

387: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

388: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

389: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

390: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

391: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

391: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

392: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

393: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

394: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

395: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

396: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

397: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

398: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

399: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

400: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

401: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

402: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

402: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

402: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

403: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

404: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

405: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

406: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

407: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

408: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

409: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

410: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

411: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

412: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

412: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

412: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

413: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

414: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

415: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

416: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

417: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

418: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

418: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

419: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

420: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

421: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

422: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

423: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

424: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

425: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

426: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

426: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

427: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

428: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

429: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

430: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

431: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

432: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

433: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

434: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

434: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

435: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

436: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

437: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

437: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

438: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

439: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

440: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

440: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

441: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

442: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

443: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

443: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

444: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

444: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

444: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

445: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

446: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

447: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

448: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

449: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

450: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

451: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

452: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

453: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

454: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

454: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

454: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

455: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

456: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

456: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

457: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

458: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

459: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

460: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

461: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

462: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

463: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

464: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

465: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

466: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

467: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

468: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

469: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

470: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

471: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

472: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

473: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

474: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

475: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

476: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

476: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

477: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

478: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

479: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

480: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

481: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

482: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

483: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

484: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

485: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

486: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

486: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

486: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

487: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

488: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

488: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

489: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

490: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

491: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

492: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

493: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

494: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

495: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

496: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

497: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

498: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

499: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

500: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

501: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

502: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

503: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

504: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

505: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

506: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

507: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

508: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

508: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

509: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

510: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

511: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

512: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

513: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

514: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

515: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

516: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

517: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

518: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

518: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

518: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

519: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

520: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

520: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

521: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

522: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

523: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

524: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

525: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

526: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

527: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

528: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

529: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

530: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

531: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

532: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

533: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

534: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

535: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

536: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

537: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

538: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

539: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

540: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

541: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

542: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

542: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

543: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

544: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

545: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

546: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

547: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

548: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

549: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

550: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

551: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

552: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

553: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

553: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

553: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

554: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

555: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

555: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

556: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

557: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

558: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

559: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

560: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

561: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

562: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

563: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

564: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

565: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

566: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

567: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

568: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

569: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

570: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

571: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

572: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

573: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

574: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

575: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

576: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

577: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

577: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

578: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

579: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

580: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

581: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

582: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

583: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

584: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

585: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

586: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

587: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

588: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

588: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

588: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

589: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

590: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

590: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

591: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

592: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

593: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

594: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

595: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

596: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

597: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

598: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

599: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

600: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

601: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

602: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

603: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

604: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

604: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

605: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

606: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

607: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

608: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

609: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

610: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

611: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

612: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

613: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

614: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

614: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

614: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

615: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

616: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

617: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

618: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

619: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

620: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

621: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

622: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

623: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

624: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

624: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

625: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

626: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

627: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

628: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

629: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

630: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

630: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

631: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

632: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

633: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

634: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

635: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

636: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

637: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

638: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

638: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

639: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

640: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

641: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

642: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

643: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

644: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

645: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

646: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

646: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

647: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

647: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

648: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

649: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

650: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

651: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

652: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

653: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

654: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

655: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

656: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

657: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

657: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

658: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

659: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

660: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

661: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

662: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

663: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

663: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

664: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

665: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

666: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

667: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

668: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

669: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

670: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

671: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

672: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

673: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

673: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

674: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

675: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

676: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

677: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

678: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

679: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

680: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

681: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

682: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

683: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

684: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

685: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

685: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

685: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

686: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

687: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

688: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

689: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

690: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

691: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

692: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

693: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

694: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

695: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

695: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

696: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

697: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

698: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

699: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

700: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

701: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

701: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

702: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

703: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

704: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

705: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

706: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

707: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

708: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

709: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

709: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

710: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

711: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

712: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

713: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

714: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

715: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

716: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

717: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

717: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

718: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

719: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

720: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

721: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

722: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

723: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

724: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

725: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

726: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

727: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

727: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

727: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

728: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

729: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

730: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

731: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

732: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

733: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

734: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

735: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

736: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

737: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

737: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

738: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

739: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

740: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

741: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

742: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

743: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

743: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

744: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

745: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

746: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

747: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

748: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

749: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

750: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

751: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

751: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

752: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

753: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

754: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

755: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

756: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

757: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

758: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

759: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

759: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

760: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

760: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

761: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

762: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

763: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

764: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

765: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

766: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

767: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

768: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

769: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

770: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

770: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

771: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

772: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

773: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

774: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

775: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

776: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

777: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

777: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

778: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

779: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

780: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

781: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

782: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

783: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

784: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

785: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

786: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

787: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

787: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

788: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

789: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

790: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

791: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

792: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

793: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

794: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

795: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

796: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

797: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

798: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

799: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

799: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

799: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

800: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

801: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

802: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

803: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

804: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

805: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

806: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

807: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

808: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

809: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

809: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

810: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

811: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

812: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

813: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

814: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

815: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

815: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

816: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

817: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

818: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

819: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

820: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

821: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

822: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

823: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

823: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

824: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

825: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

826: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

827: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

828: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

829: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

830: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

831: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

831: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

832: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

833: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

834: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

835: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

836: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

837: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

838: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

839: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

840: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

841: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

841: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

841: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

842: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

843: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

844: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

845: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

846: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

847: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

848: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

849: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

850: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

851: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

851: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

852: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

853: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

854: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

855: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

856: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

857: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

857: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

858: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

859: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

860: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

861: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

862: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

863: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

864: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

865: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

865: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

866: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

867: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

868: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

869: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

870: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

871: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

872: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

873: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

873: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

874: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

874: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

875: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

876: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

877: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

878: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

879: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

880: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

881: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

882: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

883: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

884: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

884: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

885: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

886: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

887: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,5888: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

889: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

890: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

891: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

891: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

892: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

893: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

894: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

895: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

896: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

897: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

898: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

899: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

900: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

901: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

901: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

902: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

903: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

904: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

905: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

906: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

907: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

908: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

909: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

910: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

911: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

912: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

913: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

913: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

913: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

914: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

915: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

916: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

917: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

918: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

919: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

920: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

921: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

922: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

923: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

923: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

924: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

925: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

926: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

927: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

928: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

929: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

930: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

931: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

932: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

932: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

933: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

934: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

935: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

936: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

937: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

938: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

939: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

940: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

940: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

941: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

942: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

943: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

944: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

945: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

946: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

947: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

948: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

948: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

949: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

950: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

951: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

952: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

953: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

954: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

955: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

956: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

957: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

958: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

958: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

958: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

959: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

960: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

961: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

962: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

963: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

964: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

965: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

966: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

967: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

968: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

968: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

969: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

970: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

971: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

972: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

973: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

974: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

974: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

975: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

976: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

977: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

978: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

979: proc 3 (client:1) PromelaModel.pml:58 (state 23) [req\_rep.message = failUseOldWtr]

980: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

981: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

982: proc 5 (CM:1) PromelaModel.pml:273 (state 155) [(((status==postrev)&&(clientInReqRep.message==failUseOldWtr)))]

982: proc 5 (CM:1) PromelaModel.pml:274 (state 156) [numClientsReportSuccUseOldWtr = 0]

983: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

984: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

985: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

985: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

986: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

987: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

988: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

988: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

989: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

,22990: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

991: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

991: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

992: proc 5 (CM:1) PromelaModel.pml:280 (state 161) [((dummy2==numClientsConnected))]

992: proc 5 (CM:1) PromelaModel.pml:281 (state 162) [dummy2 = 0]

992: proc 5 (CM:1) PromelaModel.pml:284 (state 167) [numClientsConnected = 0]

993: proc 5 (CM:1) PromelaModel.pml:285 (state 168) [WCPstatus = enable]

994: proc 5 (CM:1) PromelaModel.pml:286 (state 169) [status = idle]

995: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

996: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

997: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

998: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

999: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1000: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1001: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1002: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1002: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1002: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1003: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1004: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1004: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1005: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1006: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1007: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1008: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1009: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1010: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1011: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1012: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1013: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1014: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1015: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1016: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1017: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1018: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1019: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1020: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1021: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1022: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1023: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1024: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

1024: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

1025: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

1026: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

1027: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1028: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1029: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1030: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1031: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1032: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1033: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1034: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1034: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1034: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1035: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1036: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1036: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1037: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1038: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1039: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1040: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1041: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1042: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1043: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1044: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1045: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1046: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1047: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1048: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1049: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1050: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1051: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1052: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1053: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1054: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1055: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1056: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

1056: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

1057: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

1058: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

1059: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1060: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

1061: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

1062: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1063: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1064: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

1065: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

1066: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1067: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1068: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1069: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1070: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1071: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1072: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1073: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1074: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1075: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1076: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1076: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1076: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1077: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1078: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1078: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1079: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1080: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1081: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1082: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1083: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1084: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1085: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

1086: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1087: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1088: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1089: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1090: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1091: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

1092: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1093: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1094: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1095: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1096: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1097: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1098: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1099: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

1100: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1101: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1102: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

1103: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

1104: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

1104: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

1105: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

1106: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

1107: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1108: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1108: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1109: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1110: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1111: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1112: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1113: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1114: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1115: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1115: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1116: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1117: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1118: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1119: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1120: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1121: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1122: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1123: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1124: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1124: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1124: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1125: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1126: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1127: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1128: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1129: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1130: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1131: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1131: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1132: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1133: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1134: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1135: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1136: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1137: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1137: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1138: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1139: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1140: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1141: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1142: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1143: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1144: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1145: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1145: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1146: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1147: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1148: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1149: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1150: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1151: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1152: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1153: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1153: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1153: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1154: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1155: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1156: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1157: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1158: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1159: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1160: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1160: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1160: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1161: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1162: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1163: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1164: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1165: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1166: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1166: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1167: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1168: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1169: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1170: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1171: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1172: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1173: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1174: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1174: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1175: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

1175: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

1176: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1177: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1178: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1179: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1180: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1181: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1182: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

1182: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

1183: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

1184: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

1185: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1186: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1187: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1188: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1189: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1190: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1191: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1192: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1193: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1193: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1193: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1194: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1195: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1195: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1196: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1197: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1198: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1199: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1200: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1201: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1202: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1203: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1204: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1205: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1206: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1207: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1208: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1209: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1210: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1211: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1212: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

1213: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1214: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1215: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

1216: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

1217: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

1217: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

1218: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

1219: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

1220: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1221: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1222: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1223: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1224: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1225: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1226: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1227: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1228: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1228: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1228: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1229: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1230: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1230: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1231: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1232: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1233: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1234: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1235: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1236: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1237: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1238: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1239: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1240: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1241: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1242: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1243: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1244: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1245: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1246: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1247: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

1248: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1249: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1250: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

1251: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

1252: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

1252: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

1253: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

1254: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

1255: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1256: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1257: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1258: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1258: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1259: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1260: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1261: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1262: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1263: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1264: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1265: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1265: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1266: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1267: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1268: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1269: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1270: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1271: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1272: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1273: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1274: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1274: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1274: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1275: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1276: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1277: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1278: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1279: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1280: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1281: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1281: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1282: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1283: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1284: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1285: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1286: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1287: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1287: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1288: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1289: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1290: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1291: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1292: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1293: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1294: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1295: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1295: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1296: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1297: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1298: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1299: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1300: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1301: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1302: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1303: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1303: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1303: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1304: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1305: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1306: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1307: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1308: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1309: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1310: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1310: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1310: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1311: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1312: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1313: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1314: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1315: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1316: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1316: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1317: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1318: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1319: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1320: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1321: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1322: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1323: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1324: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1324: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1325: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

1325: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

1326: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1327: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1328: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1329: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1330: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1331: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1332: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

1332: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

1333: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

1334: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1335: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1336: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1337: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1338: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1339: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

1340: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1341: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1342: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1342: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1343: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1344: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1345: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1346: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1347: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1348: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1349: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1349: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1350: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1351: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1352: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1353: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1354: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1355: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1356: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1357: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1358: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1358: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1358: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1359: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1360: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1361: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1362: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1363: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1364: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1365: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1365: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1366: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1367: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

1368: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

1369: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1370: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1371: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1372: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1373: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1374: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1374: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1375: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1376: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1377: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1378: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1379: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1380: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1381: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1382: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1382: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1383: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1384: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1385: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1386: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1387: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1388: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1389: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1390: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1390: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1390: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1391: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1392: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1393: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1394: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1395: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1396: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1397: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1397: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1397: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1398: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1399: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1400: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1401: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1402: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1403: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1403: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1404: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1405: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1406: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1407: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1408: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1409: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1410: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1411: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1411: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1412: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

1412: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

1413: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1414: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1415: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1416: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1417: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1418: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1419: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

1419: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

1420: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

1421: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

1422: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1423: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1424: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1425: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1426: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1427: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1428: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1429: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1430: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1430: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1431: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1432: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1433: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1434: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1435: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1436: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1437: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1437: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1438: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1439: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1440: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1441: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1442: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1443: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1444: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1445: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1446: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1446: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1446: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1447: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1448: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1449: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1450: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1451: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1452: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1453: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1453: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1454: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1455: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1456: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1457: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1458: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1459: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1459: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1460: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1461: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1462: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1463: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1464: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1465: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1466: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1467: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1467: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1468: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1469: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1470: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1471: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1472: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1473: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1474: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1475: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1475: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1475: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1476: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1477: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1478: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1479: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1480: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1481: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1482: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1482: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1482: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1483: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1484: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1485: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1486: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1487: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1488: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1488: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1489: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1490: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1491: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1492: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1493: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1494: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1495: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1496: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

1497: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

1498: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1499: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1500: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1501: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1502: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1502: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1503: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

1503: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

1504: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1505: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1506: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1507: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1508: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1509: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1510: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

1510: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

1511: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

1512: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1513: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1514: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1515: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1516: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1517: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1518: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1519: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

1520: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1521: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1521: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1521: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1522: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1523: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1523: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1524: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1525: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1526: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1527: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1528: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1529: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1530: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1531: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1532: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1533: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1534: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1535: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1536: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1537: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1538: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1539: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1540: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1541: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1542: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1543: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

1543: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

1544: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

,51545: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1546: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

1547: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1548: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1549: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1549: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1550: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1551: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1552: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1553: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1554: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1555: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1556: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1557: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1558: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1559: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1559: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1560: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1561: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1562: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1563: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1564: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1565: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1566: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1567: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1568: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1569: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1570: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1571: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1571: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1571: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1572: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1573: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1574: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1575: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1576: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1577: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1578: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1579: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1580: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1581: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1581: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1582: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1583: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

1584: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

1585: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1586: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1587: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1588: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1589: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1590: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1590: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1591: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1592: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1593: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1594: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1595: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1596: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1597: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1598: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1598: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1599: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1600: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1601: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1602: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1603: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1604: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1605: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1606: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1606: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1607: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1608: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1609: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1610: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1611: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1612: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1613: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1614: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1615: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1616: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1617: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1617: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1617: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1618: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1619: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1620: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1621: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1622: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1623: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1624: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1625: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1626: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1627: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1627: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1627: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1628: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1629: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1630: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1631: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1632: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1633: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1633: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1634: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1635: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1636: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1637: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1638: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1639: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1640: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1641: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1641: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1642: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1643: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1644: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1645: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1646: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1647: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1648: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1649: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1649: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1650: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

1650: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

1651: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1652: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1653: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1654: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1655: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1656: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1657: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1658: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1659: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1660: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

1660: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

1661: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

1662: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1663: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,51664: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1665: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1666: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

,51667: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1668: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1669: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1669: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1670: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1671: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1672: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1673: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1674: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1675: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1676: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1677: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1678: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1679: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1679: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1680: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1681: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1682: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1683: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1684: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1685: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1686: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1687: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1688: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1689: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1690: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1691: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1691: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1691: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1692: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1693: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1694: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1695: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1696: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1697: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1698: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1699: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1700: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1701: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1701: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1702: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1703: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

1704: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

1705: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1706: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1707: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1708: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1709: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

1710: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1711: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1712: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

1713: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1714: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1715: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1716: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1716: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1717: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1718: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1719: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1720: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1721: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1722: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1723: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1724: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1724: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1725: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1726: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1727: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1728: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1729: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1729: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1730: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1731: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1732: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1733: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1734: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1735: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1736: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1737: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1738: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1739: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1740: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1740: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1740: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1741: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1742: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1743: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1744: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1745: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1746: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1747: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1748: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1749: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1750: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1750: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1750: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1751: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1752: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1753: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1754: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1755: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1756: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1757: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1758: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1759: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1759: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1760: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1761: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1762: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1763: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1764: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1765: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1766: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1767: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1767: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1768: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1769: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1770: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1771: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1772: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1772: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1773: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

1773: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

1774: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1775: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1776: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1777: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1778: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1779: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1780: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

1781: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

1782: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

1783: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

1783: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

1784: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

1785: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

1786: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1787: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1788: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1789: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1789: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1790: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1791: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1792: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1793: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1794: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1795: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1796: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1797: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1798: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1799: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

1799: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

1800: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

1801: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

1802: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1803: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1804: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1805: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1806: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1807: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1808: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

1809: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

1810: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

1811: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

1811: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

1811: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

1812: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1813: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1814: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1815: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1816: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1817: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1818: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

1819: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

1820: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

1821: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

1821: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

1822: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1823: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1824: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1825: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1826: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1827: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1828: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1829: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1830: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1830: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1831: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1832: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1833: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1834: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1835: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1836: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1837: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1838: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1838: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1839: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

1840: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

1841: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1842: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1843: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

1843: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

1844: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

1845: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1846: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1847: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1848: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1849: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1850: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1851: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

1852: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

1853: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

1854: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

1854: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

1854: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

1855: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1856: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1857: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1858: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1859: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1860: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1861: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

1862: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

1863: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

1864: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

1864: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

1864: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

1865: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1866: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1867: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1868: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1869: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1870: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1871: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1872: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1873: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1873: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1874: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1875: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1876: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1877: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1878: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1879: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

1880: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1881: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

1881: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

1882: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

1883: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

1884: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1885: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1886: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

1886: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

1887: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

1888: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

1889: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

1889: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

1890: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

1891: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

1892: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

1892: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

1893: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

1894: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

1895: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

1895: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

1896: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

1896: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

1896: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

1897: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

1898: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

1899: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1900: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1901: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1902: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1903: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1904: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1905: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1906: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1906: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1906: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1907: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1908: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1908: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1909: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1910: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1911: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1912: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1913: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1914: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1915: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1916: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1917: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1918: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1919: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1920: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1921: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1922: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1923: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1924: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1925: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1926: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1927: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1928: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

1928: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

1929: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

1930: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

1931: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1932: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1933: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1934: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1935: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1936: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1937: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1938: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1938: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1938: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1939: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1940: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1940: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1941: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1942: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1943: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1944: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1945: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1946: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1947: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1948: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

1949: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1950: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1951: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

1952: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

1953: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

1954: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

1955: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1956: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

1957: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

1958: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1959: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1960: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

1960: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

1961: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

1962: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

1963: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1964: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

1965: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

1966: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

1967: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

1968: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

1969: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1970: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1971: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1972: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,51973: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

1974: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

1974: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

1974: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

1975: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

1976: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

1976: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

1977: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

1978: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

1979: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

1980: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

1981: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

1982: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1983: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

1984: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

1985: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

1986: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

1987: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

1988: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

1989: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

1990: proc 5 (CM:1) PromelaModel.pml:138 (state 39) [(((status==ini)&&(clientInReqRep.message==failGetWtr)))]

1991: proc 5 (CM:1) PromelaModel.pml:139 (state 40) [CMtoclients[clientConnecting]!disconn]

1992: proc 5 (CM:1) PromelaModel.pml:140 (state 41) [numClientsConnected = (numClientsConnected-1)]

1992: proc 5 (CM:1) PromelaModel.pml:141 (state 42) [clientsConnected[numClientsConnected] = 0]

1992: proc 5 (CM:1) PromelaModel.pml:142 (state 43) [status = idle]

1993: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

1994: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

1994: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

1995: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1996: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

1997: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

1998: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

1999: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2000: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2001: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2001: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2002: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2003: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2004: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2005: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2006: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2007: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2008: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2009: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2010: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2010: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2010: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2011: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2012: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2013: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2014: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2015: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2016: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2017: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2017: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2018: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2019: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2020: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2021: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2022: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2023: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2023: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2024: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2025: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2026: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2027: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2028: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2029: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2030: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2031: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2031: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2032: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2033: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2034: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2035: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2036: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2037: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2038: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2039: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2039: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2039: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2040: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2041: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2042: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2043: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2044: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2045: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2046: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2046: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2046: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2047: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2048: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2049: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2050: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2051: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2052: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2052: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2053: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2054: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2055: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2056: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2057: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2058: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2059: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2060: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2060: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2061: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

2061: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

2062: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2063: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2064: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2065: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2066: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2067: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2068: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

2068: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

2069: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

2070: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

2071: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2072: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2073: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2074: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2075: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2076: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2077: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2078: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2078: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2079: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2080: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2081: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2082: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2083: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2084: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2085: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2085: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2086: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2087: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2088: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2089: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2090: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2091: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2092: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2093: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2094: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2094: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2094: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2095: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2096: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2097: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2098: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2099: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2100: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2101: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2101: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2102: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2103: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2104: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2105: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2106: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2107: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2107: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2108: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2109: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2110: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2111: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2112: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2113: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2114: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2115: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2115: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2116: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2117: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2118: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2119: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2120: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2121: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2122: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2123: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2123: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2123: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2124: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2125: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2126: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2127: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2128: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2129: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2130: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2130: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2130: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2131: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2132: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2133: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2134: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2135: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2136: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2136: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2137: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2138: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2139: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2140: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2141: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

2142: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2143: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2144: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2145: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

2145: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

2146: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

2147: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

2148: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

2148: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

2149: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

2150: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

2151: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

2151: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

2152: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

2152: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

2152: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

2153: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

2154: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

2155: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2156: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2157: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2158: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2159: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2160: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2161: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2162: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2162: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2162: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2163: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2164: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2164: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2165: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2166: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2167: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2168: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2169: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2170: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2171: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2172: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2173: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2174: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2175: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2176: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2177: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2178: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2179: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2180: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2181: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2182: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2183: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2184: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

2184: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

2185: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

2186: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

2187: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2188: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2189: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2190: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2191: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2192: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2193: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2194: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2194: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2194: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2195: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2196: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2196: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2197: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2198: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2199: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2200: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2201: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2202: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2203: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2204: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2205: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2206: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2207: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2208: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2209: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2210: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2211: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2212: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2213: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2214: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2215: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2216: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2217: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2218: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2219: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2220: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

2220: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

2221: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

2222: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

2223: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2224: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2225: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2226: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2227: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2228: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2229: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2230: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2231: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2231: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2232: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2233: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2234: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2235: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2236: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2237: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2238: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2238: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2239: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2240: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2241: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2242: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2243: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2244: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2245: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2246: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2247: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2247: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2247: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2248: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2249: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2250: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2251: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2252: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2253: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2254: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2254: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2255: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2256: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2257: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2258: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2259: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2260: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2260: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2261: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2262: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2263: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2264: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2265: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2266: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2267: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2268: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2268: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2269: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2270: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2271: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2272: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2273: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2274: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2275: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2276: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2276: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2276: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2277: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2278: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2279: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2280: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2281: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2282: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2283: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2283: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2283: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2284: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2285: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2286: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2287: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2288: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2289: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2289: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2290: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2291: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2292: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2293: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2294: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2295: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2296: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2297: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2297: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2298: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

2298: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

2299: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2300: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2301: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2302: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2303: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2304: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2305: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

2305: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

2306: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

2307: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2308: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2309: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2310: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

2311: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2312: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2312: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2313: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2314: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2315: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2316: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2317: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2318: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2319: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2319: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2320: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2321: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2322: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2323: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2324: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2325: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2326: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2327: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2328: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2328: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2328: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2329: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2330: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2331: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2332: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2333: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2334: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2335: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2335: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2336: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2337: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2338: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2339: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2340: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2341: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2342: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2343: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2344: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2344: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2345: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2346: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2347: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2348: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2349: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2350: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2351: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2352: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2352: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2353: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2354: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2355: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2356: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2357: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2358: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2359: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2360: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2360: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2360: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2361: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2362: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2363: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2364: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2365: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2366: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2367: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2367: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2367: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2368: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2369: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2370: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2371: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2372: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2373: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2373: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2374: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2375: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2376: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2377: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2378: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2379: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2380: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2381: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2381: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2382: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

2382: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

2383: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2384: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2385: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2386: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2387: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2388: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2389: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

2389: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

2390: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

2391: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2392: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2393: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2394: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2395: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2396: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2397: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2398: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2399: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

2400: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2401: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2401: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2402: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2403: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2404: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2405: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2406: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2407: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2408: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2408: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2409: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2410: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2411: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2412: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2413: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2414: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2415: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2416: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2417: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2417: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2417: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2418: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2419: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2420: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2421: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2422: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2423: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2424: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2424: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2425: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2426: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2427: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2428: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2429: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2430: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2430: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2431: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2432: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2433: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2434: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2435: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2436: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2437: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2438: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2438: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2439: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2440: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2441: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2442: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2443: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2444: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2445: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2446: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2446: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2446: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2447: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2448: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2449: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2450: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2451: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2452: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2453: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2453: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2453: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2454: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2455: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2456: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2457: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2458: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2459: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2459: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2460: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2461: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2462: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2463: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2464: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2465: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

,0,152466: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2467: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2468: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2469: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

2470: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

2471: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2472: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2472: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2473: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

2473: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

2474: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2475: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2476: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2477: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2478: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2479: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2480: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

2480: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

2481: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

2482: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2483: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

2484: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2485: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2486: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2487: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2487: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2488: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2489: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2490: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2491: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2492: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2493: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2494: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2494: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2495: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2496: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2497: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2498: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2499: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2500: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2501: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2502: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2503: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2503: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2503: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2504: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2505: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2506: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2507: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2508: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2509: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2510: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2510: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2511: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2512: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2513: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2514: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2515: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2516: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2517: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2518: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2519: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2519: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2520: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2521: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2522: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2523: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2524: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2525: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2526: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2527: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2527: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2528: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2529: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2530: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2531: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2532: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2533: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2534: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2535: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2535: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2535: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2536: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2537: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2538: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2539: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2540: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2541: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2542: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2542: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2542: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2543: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2544: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2545: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2546: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2547: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2548: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2548: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2549: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2550: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2551: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2552: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2553: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2554: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2555: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2556: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2556: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2557: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

2557: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

2558: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2559: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2560: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2561: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

2562: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

2563: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

2564: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

2564: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

2565: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

2566: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

2567: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2568: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2569: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2570: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2571: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2572: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2572: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2573: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2574: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2575: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2576: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2577: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2578: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2579: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2579: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2580: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2581: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2582: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2583: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2584: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2585: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2586: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2587: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2588: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2588: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2588: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2589: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2590: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2591: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2592: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2593: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2594: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2595: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2595: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2596: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2597: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2598: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2599: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2600: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2601: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2601: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2602: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2603: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2604: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2605: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2606: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2607: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2608: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2609: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2609: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2610: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

2611: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2612: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2613: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2614: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

2615: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

2616: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

2617: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

2617: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

2617: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

2618: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2619: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2620: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2621: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

2622: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

2623: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

2624: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

2624: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

2624: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

2625: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2626: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2627: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2628: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2629: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2630: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

2630: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

2631: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

2632: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

2633: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2634: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2635: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

2636: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2637: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2638: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

2638: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

2639: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

2640: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

2641: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

2641: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

2642: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

2643: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

2644: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

2644: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

2645: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

2645: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

2645: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

2646: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

2647: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

2648: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2649: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2650: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2651: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2652: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2653: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2654: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2655: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2655: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2655: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2656: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2657: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2657: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2658: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2659: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2660: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2661: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2662: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2663: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2664: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2665: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2666: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2667: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2668: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2669: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2670: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2671: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2672: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2673: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2674: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2675: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2676: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2677: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

2677: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

2678: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

2679: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

2680: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2681: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2682: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2683: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2684: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2685: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2686: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2687: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2687: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2687: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2688: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2689: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2689: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2690: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2691: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2692: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2693: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2694: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2695: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2696: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2697: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2698: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2699: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2700: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2701: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2702: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2703: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2704: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2705: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2706: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

2707: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2708: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2709: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

2710: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

2711: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

2711: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

2712: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

2713: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

2714: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2715: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2716: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2717: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2718: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2719: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2720: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2721: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2722: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2722: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2722: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2723: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2724: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2724: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2725: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2726: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2727: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2728: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2729: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2730: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2731: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2732: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2733: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2734: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2735: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2736: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2737: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2738: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2739: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2740: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2741: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

2742: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2743: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2744: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2745: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

2746: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

2747: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

2747: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

2748: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

2749: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

2750: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2751: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2752: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2753: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2754: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2755: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2756: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2757: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2758: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2758: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2758: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2759: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2760: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2760: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2761: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2762: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2763: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2764: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2765: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2766: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2767: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2768: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2769: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2770: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2771: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2772: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2773: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2774: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2775: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2776: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2777: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2778: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2779: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2780: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

2781: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2782: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2783: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

2784: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

2785: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

2785: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

2786: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

2787: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

2788: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2789: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2790: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2791: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2792: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2793: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2794: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2795: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2795: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2795: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2796: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2797: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2797: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2798: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2799: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2800: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2801: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2802: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2803: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2804: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2805: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2806: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2807: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2808: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2809: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2810: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2811: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2812: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2813: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2814: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2815: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2816: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

2817: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2818: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2819: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

2820: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

2821: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

2821: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

2822: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

2823: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

2824: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2825: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2826: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2827: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2828: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2829: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2830: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2831: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2831: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2831: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2832: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2833: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2833: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2834: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2835: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2836: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2837: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2838: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2839: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2840: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2841: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

2842: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2843: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2844: proc 5 (CM:1) PromelaModel.pml:138 (state 39) [(((status==ini)&&(clientInReqRep.message==failGetWtr)))]

2845: proc 5 (CM:1) PromelaModel.pml:139 (state 40) [CMtoclients[clientConnecting]!disconn]

2846: proc 5 (CM:1) PromelaModel.pml:140 (state 41) [numClientsConnected = (numClientsConnected-1)]

2846: proc 5 (CM:1) PromelaModel.pml:141 (state 42) [clientsConnected[numClientsConnected] = 0]

2846: proc 5 (CM:1) PromelaModel.pml:142 (state 43) [status = idle]

2847: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2848: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2849: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2850: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2851: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2852: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2853: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2854: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2855: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2856: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2857: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2857: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2857: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2858: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2859: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2859: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2860: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2861: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2862: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2863: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2864: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2865: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2866: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2867: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2868: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2869: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2870: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2871: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2872: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2873: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2874: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2875: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2876: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2877: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2878: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2879: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2880: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2881: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2882: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2883: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2884: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2885: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2886: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2887: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2888: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2889: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2890: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2891: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2892: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2893: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2894: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2895: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2896: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2897: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2898: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2899: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2900: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2901: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2902: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2903: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2904: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2905: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2906: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

2907: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

2908: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2909: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

2910: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

2911: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

2912: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

2913: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2914: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2915: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

2915: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

2916: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

2917: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

2918: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2919: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2920: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

2920: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

2920: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

2921: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

2922: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

2922: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

2923: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

2924: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

2925: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

2926: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

2927: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

2928: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2929: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2930: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2931: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2932: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2933: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

2934: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

2935: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

2936: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

2937: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2938: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

2939: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

2940: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2941: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2942: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

2942: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

2943: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

2944: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

2945: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

2946: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

2947: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

2948: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

2948: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

2949: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2950: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2951: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2952: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2953: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2954: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2955: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

2956: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

2957: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

2958: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

2958: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

2959: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

2960: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

2961: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2962: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2963: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2964: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2965: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2966: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2967: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

2968: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

2969: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

2970: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

2970: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

2970: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

2971: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2972: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2973: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2974: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2975: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2976: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2977: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

2978: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

2979: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

2980: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

2980: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

2981: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2982: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2983: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2984: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2985: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2986: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2986: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2987: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2988: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2989: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2990: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2991: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

2992: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

2993: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

2994: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

2994: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

2995: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

2996: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

2997: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

2998: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

2999: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3000: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3001: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3002: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3002: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3003: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3004: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3005: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3006: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3007: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3008: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3009: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3010: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3011: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3012: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3013: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3013: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3013: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3014: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3015: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3016: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3017: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3018: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3019: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3020: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3021: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3022: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3023: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3023: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3023: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3024: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3025: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3026: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3027: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3028: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3029: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3029: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3030: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3031: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3032: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3033: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3034: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3035: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3036: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3037: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3037: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3038: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3039: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3040: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3041: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3042: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3043: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3044: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3045: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3045: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3046: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

3046: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

3047: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3048: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3049: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3050: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3051: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3052: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3053: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3054: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3055: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3056: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

3056: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

3057: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

3058: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

3059: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3060: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3061: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3062: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3062: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3063: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3064: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3065: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3066: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3067: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3068: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3069: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3070: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3071: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3072: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3072: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3073: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3074: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3075: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3076: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3077: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3078: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3079: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3080: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3081: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3082: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3083: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3084: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3084: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3084: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3085: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3086: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3087: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3088: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3089: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3090: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3091: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3092: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3093: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3094: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3094: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3095: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3096: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3097: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3098: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3099: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3100: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3101: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3102: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3103: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3103: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3104: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3105: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3106: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3107: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3108: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3109: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

3110: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3111: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3111: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3112: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3113: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3114: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3115: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3116: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

3116: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

3117: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

3118: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

3119: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

3120: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

3121: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

3122: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

3123: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

3124: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

3125: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

3126: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

3126: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

3126: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

3127: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

3128: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

3129: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

3130: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

3131: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

3132: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

3133: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

3134: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

3135: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

3136: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

3136: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

3137: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3138: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

3139: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

3140: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3141: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3142: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

3142: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

3143: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

3144: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

3145: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3146: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

3147: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

3148: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3149: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3150: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

3150: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

3151: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

3152: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

3153: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3154: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

3155: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

3156: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3157: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3158: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

3158: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

3159: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

3159: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

3160: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

3161: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

3162: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

3163: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

3164: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

3165: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

3166: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

3167: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

3168: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

3169: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

3169: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

3170: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

3171: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

3172: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3173: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3174: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3175: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3175: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3176: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3177: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3178: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3179: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3180: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3181: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3182: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3183: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3184: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3185: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3185: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3186: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3187: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3188: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3189: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3190: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3191: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3192: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3193: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3194: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3195: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3196: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3197: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3197: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3197: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3198: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3199: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3200: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3201: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3202: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3203: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3204: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3205: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3206: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3207: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3207: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3208: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3209: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3210: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3211: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3212: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3213: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3213: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3214: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3215: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3216: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3217: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3218: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3219: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3220: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3221: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3222: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3223: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3224: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3224: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3225: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3226: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3227: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3228: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3229: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3229: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3230: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3231: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3232: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3233: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3234: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3235: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3236: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3237: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3238: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3239: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3240: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3240: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3240: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3241: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3242: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3243: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3244: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3245: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3246: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3247: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3248: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3249: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3250: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3250: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3250: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3251: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3252: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3253: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3254: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3255: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3256: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3257: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3258: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3259: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3259: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3260: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3261: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3262: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3263: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3264: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3265: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3266: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3267: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3267: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3268: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3269: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3270: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3271: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3272: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

3272: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

3273: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

3274: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

3275: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

3275: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

3276: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

3277: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

3278: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

3278: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

3279: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

3280: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

3281: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

3281: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

3282: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

3282: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

3282: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

3283: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

3284: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

3285: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3286: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3287: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3288: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3289: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3290: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3291: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3292: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3293: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3293: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3293: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3294: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3295: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3296: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3296: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3297: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3298: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3299: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3300: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3301: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3302: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3303: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3304: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3305: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3306: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3307: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3308: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3309: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3310: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3311: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3312: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3313: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3314: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3315: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3316: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

3316: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

3317: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

3318: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3319: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3320: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3321: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3322: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3323: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3324: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

3325: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3326: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3326: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3326: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3327: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3328: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3328: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3329: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3330: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3331: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3332: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3333: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3334: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3335: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3336: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3337: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3338: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3339: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3340: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3341: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3342: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3343: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3344: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3345: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3346: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3347: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3348: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

3349: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

3350: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

3350: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

3351: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

3352: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

3353: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3354: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3355: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3356: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3357: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3358: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3359: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3360: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3361: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3361: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3361: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3362: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3363: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3363: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3364: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3365: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3366: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3367: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3368: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3369: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3370: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3371: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3372: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3373: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3374: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3375: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3376: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3377: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3378: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3379: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3380: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3381: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3382: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3383: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

3384: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

3385: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

3385: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

3386: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

3387: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

3388: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3389: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3390: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3391: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3392: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3393: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3394: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3395: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3396: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3396: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3396: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3397: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3398: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3398: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3399: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3400: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3401: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3402: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3403: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3404: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3405: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3406: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3407: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3408: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3409: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3410: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3411: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3412: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3413: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3414: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3415: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3416: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3417: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3418: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

3419: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

3420: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

3420: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

3421: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

3422: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

3423: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3424: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3425: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3426: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3427: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3428: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3429: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3430: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3431: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3432: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3432: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3432: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3433: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3434: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3434: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3435: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3436: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3437: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3438: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3439: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3440: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3441: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3442: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3443: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3444: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3445: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3446: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3447: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3448: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3449: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3450: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3451: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3452: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3453: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3454: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

3455: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

3456: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3457: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3458: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

3458: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

3459: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

3460: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3461: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3462: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3463: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

3464: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3465: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3465: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3466: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3467: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3468: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3469: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3470: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3471: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3472: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3472: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3473: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3474: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3475: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3476: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3477: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3478: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3479: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3480: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3481: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3481: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3481: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3482: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3483: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3484: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3485: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3486: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3487: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3488: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3488: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3489: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3490: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3491: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3492: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3493: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3494: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3494: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3495: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3496: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3497: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3498: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3499: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3500: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3501: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3502: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3502: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3503: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3504: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3505: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3506: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3507: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3508: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3509: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3510: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3510: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3510: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3511: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3512: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3513: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3514: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3515: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3516: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3517: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3517: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3517: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3518: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3519: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3520: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3521: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3522: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3523: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3523: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3524: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3525: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3526: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3527: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3528: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3529: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3530: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3531: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

3531: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

3532: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

3533: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

3534: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

3534: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

3535: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

3536: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

3537: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

3537: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

3538: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

3538: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

3538: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

3539: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

3540: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

3541: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3542: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3543: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3544: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3545: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3546: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3547: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3548: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3548: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3548: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3549: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3550: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3550: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3551: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3552: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3553: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3554: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3555: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3556: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3557: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3558: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3559: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3560: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3561: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3562: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3563: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3564: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3565: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3566: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3567: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3568: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3569: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3570: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

3570: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

3571: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

3572: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

3573: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3574: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3575: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3576: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3577: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3578: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3579: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3580: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3581: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3581: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3581: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3582: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3583: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3583: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3584: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3585: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3586: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3587: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3588: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3589: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3590: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3591: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3592: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3593: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3594: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3595: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3596: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3597: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3598: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3599: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3600: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3601: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3602: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3603: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3604: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3605: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

3606: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

3607: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3608: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

3608: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

3609: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

3610: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

3611: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3612: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3613: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3614: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3615: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,53616: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3617: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3618: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3618: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3619: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3620: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3621: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3622: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3623: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3624: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3625: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3625: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3626: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3627: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3628: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3629: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3630: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3631: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3632: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3633: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3634: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3634: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3634: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3635: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3636: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3637: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3638: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3639: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3640: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3641: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3641: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3642: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3643: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

3644: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

3645: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3646: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3647: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3648: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3649: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3650: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3650: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3651: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3652: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3653: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3654: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3655: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3656: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3657: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3658: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3658: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3659: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3660: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3661: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3662: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3663: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3664: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3665: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3666: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3666: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3666: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3667: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3668: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3669: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3670: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3671: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3672: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3673: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3673: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3673: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3674: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3675: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3676: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3677: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3678: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3679: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3679: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3680: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3681: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3682: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3683: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3684: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3685: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3686: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3687: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3687: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3688: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

3688: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

3689: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3690: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3691: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3692: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3693: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3694: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3695: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

3695: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

3696: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

3697: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3698: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3699: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3700: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,53701: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3702: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

3703: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3704: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3704: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3704: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3705: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3706: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3706: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3707: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3708: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3709: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3710: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3711: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3712: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3713: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3714: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3715: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3716: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3717: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3718: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3719: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3720: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3721: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3722: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3723: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3724: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3725: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3726: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

3727: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

3728: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

3728: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

3729: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

3730: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

3731: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3732: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3732: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3733: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3734: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3735: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3736: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3737: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3738: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3739: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3739: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3740: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3741: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3742: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3743: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3744: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3745: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3746: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3747: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3748: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3748: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3748: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3749: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3750: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3751: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3752: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3753: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3754: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3755: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3755: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3756: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3757: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

3758: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

3759: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3760: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3761: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3762: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3763: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3764: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3764: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3765: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3766: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3767: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3768: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3769: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3770: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3771: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3772: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3772: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3773: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3774: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3775: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3776: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3777: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3778: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3779: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3780: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3780: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3780: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3781: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3782: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3783: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3784: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3785: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3786: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3787: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3787: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3787: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3788: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3789: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3790: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3791: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3792: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3793: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3793: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3794: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3795: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3796: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3797: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3798: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3799: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3800: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3801: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3801: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3802: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

3802: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

3803: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3804: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3805: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3806: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3807: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3808: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3809: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

3809: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

3810: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

3811: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

3812: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3813: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3814: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3815: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3816: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

3817: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3818: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3819: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3820: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3821: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

,53822: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3823: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

3824: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

3824: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

3824: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

3825: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

3826: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

3826: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

3827: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

3828: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

3829: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

3830: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

3831: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

3832: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3833: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

3834: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3835: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

3836: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3837: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3838: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3839: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3840: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

3841: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

3842: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

3843: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

3844: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3845: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3846: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

3847: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3848: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3849: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

3850: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

3851: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

3851: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

3852: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

3853: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

3854: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3855: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3855: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3856: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3857: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3858: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3859: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3860: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3861: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3862: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3862: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3863: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3864: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3865: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3866: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3867: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3868: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3869: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3870: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3871: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3871: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3871: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3872: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3873: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3874: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3875: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3876: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3877: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3878: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3878: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3879: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3880: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3881: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3882: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3883: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3884: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3884: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3885: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3886: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3887: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3888: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3889: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3890: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3891: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3892: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3892: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3893: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3894: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3895: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3896: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3897: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3898: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3899: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3900: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3900: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3900: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3901: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3902: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3903: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3904: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3905: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3906: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3907: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3907: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3907: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3908: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3909: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3910: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3911: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3912: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3913: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3913: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3914: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3915: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3916: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3917: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3918: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3919: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3920: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3921: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3921: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3922: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

3922: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

3923: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3924: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3925: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3926: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

3927: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

3928: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

3929: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

3929: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

3930: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

3931: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

3932: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3933: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

3934: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

3935: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

3936: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

3937: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

3938: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

3938: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

3939: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3940: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3941: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3942: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

3943: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

3944: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

3945: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

3945: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

3946: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

3947: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

3948: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3949: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3950: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3951: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

3952: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

3953: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

3954: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

3954: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

3954: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

3955: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3956: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3957: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3958: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

3959: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

3960: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

3961: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

3961: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

3962: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3963: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3964: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3965: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3966: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3967: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3967: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3968: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

3969: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

3970: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3971: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

3972: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

3973: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3974: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3975: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

3975: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

3976: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

3977: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3978: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3979: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3980: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

3981: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

3982: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

3983: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

3983: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

3983: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

3984: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3985: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3986: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3987: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

3988: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

3989: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

3990: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

3990: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

3990: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

3991: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

3992: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

3993: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

3994: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

3995: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

3996: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

3996: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

3997: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

3998: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

3999: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4000: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4001: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

4002: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4003: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4004: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

4004: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

4005: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

4006: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

4007: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

4007: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

4008: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

4009: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

4010: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

4010: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

4011: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

4011: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

4011: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

4012: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

4013: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

4014: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4015: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4016: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4017: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4018: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4019: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4020: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4021: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4021: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4021: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4022: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4023: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4023: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4024: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4025: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4026: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4027: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4028: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4029: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4030: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4031: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4032: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4033: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4034: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

4035: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

4036: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

4037: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

4038: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4039: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4040: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4041: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4042: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4043: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

4043: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

4044: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

4045: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

4046: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4047: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4048: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4049: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4050: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4051: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4052: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4053: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4054: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4054: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4054: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4055: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4056: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4056: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4057: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4058: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4059: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4060: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4061: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4062: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4063: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4064: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4065: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4066: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4067: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

4068: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

4069: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

4070: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

4071: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4072: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4073: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4074: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4075: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4076: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4077: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

4078: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

4079: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4080: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4081: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

4082: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

4083: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4084: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4085: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

4085: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

4086: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

4087: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

4088: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4089: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4090: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4091: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4092: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4093: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4094: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4095: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4095: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4096: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4097: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4098: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4099: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4100: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4101: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4102: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4102: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4103: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4104: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4105: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4106: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4107: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4108: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4109: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4110: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4111: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4111: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4111: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4112: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4113: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4114: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4115: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4116: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4117: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4118: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4118: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4119: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4120: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4121: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4122: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4123: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4124: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4124: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4125: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4126: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4127: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4128: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4129: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4130: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4131: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4132: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4132: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4133: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

4134: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4135: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4136: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4137: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4138: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4139: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4140: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

4140: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

4140: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

4141: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4142: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4143: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4144: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4145: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4146: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4147: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

4147: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

4147: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

4148: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4149: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4150: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4151: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4152: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4153: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4153: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4154: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

4155: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

4156: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4157: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4158: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

4159: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4160: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4161: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4162: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

4162: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

4163: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

4164: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

4165: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

4165: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

4166: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

4167: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

4168: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

4168: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

4169: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

4169: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

4169: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

4170: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

4171: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

4172: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4173: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4174: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4175: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4176: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4177: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4178: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4179: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4180: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4180: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4180: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4181: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4182: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4183: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4183: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4184: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4185: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4186: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4187: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4188: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4189: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4190: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4191: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4192: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4193: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4194: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

4195: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

4196: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

4197: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

4198: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4199: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4200: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4201: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4202: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4203: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

4203: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

4204: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

4205: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4206: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4207: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4208: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

,0,154209: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4210: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

4211: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4212: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4213: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4213: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4213: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4214: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4215: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4215: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4216: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4217: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4218: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4219: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4220: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4221: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4222: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

4223: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

4224: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4225: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4226: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4227: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4228: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4229: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

4230: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

4231: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

4232: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

4233: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4234: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4235: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4236: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4237: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4238: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4239: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

4239: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

4240: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

4241: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

4242: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4243: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4243: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4244: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4245: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4246: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4247: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4248: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4249: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4250: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4250: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4251: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4252: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4253: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4254: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4255: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4256: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4257: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4258: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4259: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4259: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4259: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4260: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4261: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4262: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4263: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4264: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4265: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4266: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4266: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4267: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4268: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4269: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4270: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4271: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4272: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4273: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4274: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4275: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4275: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4276: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4277: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4278: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4279: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4280: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4281: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4281: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4282: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

4283: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4284: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4285: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4286: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4287: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4288: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4289: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

4289: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

4289: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

4290: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4291: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4292: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4293: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4294: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4295: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4296: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

4296: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

4296: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

4297: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4298: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4299: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4300: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4301: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4302: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4302: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4303: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

4304: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

4305: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4306: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4307: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

4308: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4309: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4310: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

4310: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

4311: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

4312: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

4313: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

4313: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

4314: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

4315: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

4316: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

4316: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

4317: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

4317: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

4317: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

4318: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

4319: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

4320: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4321: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4322: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4323: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4324: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4325: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4326: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4327: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4327: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4327: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4328: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4329: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4329: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4330: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4331: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4332: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4333: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4334: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4335: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4336: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4337: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4338: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4339: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4340: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

4341: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

4342: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

4343: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

4344: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4345: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4346: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4347: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4348: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4349: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

4349: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

4350: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

4351: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

4352: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4353: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4354: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4355: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4356: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4357: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4358: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4359: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4359: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4359: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4360: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4361: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4361: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4362: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4363: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4364: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4365: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4366: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4367: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4368: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4369: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

4370: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4371: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4372: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

4372: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

4373: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

4374: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

4375: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4376: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4377: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

4378: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4379: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4380: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

4380: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

4380: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

4381: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4382: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4383: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4384: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4385: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4386: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4387: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

4387: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

4388: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4389: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4390: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4391: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4392: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4393: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4393: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4394: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

4395: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

4396: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4397: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4398: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4399: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4400: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4401: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4401: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4402: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

4402: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

4403: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4404: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4405: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4406: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4407: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4408: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4409: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

4409: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

4410: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

4411: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

4412: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

4413: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

4414: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

4415: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4416: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4417: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

4417: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

4417: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

4418: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

4419: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

4419: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

4420: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

4421: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

4422: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

4423: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

4424: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

4425: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4426: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4427: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4428: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4429: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4430: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

4431: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

4432: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

4433: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

4434: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4435: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4436: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4437: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4438: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4439: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

4439: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

4440: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

4441: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

4442: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4443: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4444: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4445: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4445: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4446: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4447: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4448: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4449: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4450: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4451: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4452: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4453: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4454: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4455: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4455: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4456: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4457: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4458: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4459: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4460: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4461: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4462: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4463: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4464: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4465: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4466: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4467: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4467: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4467: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4468: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4469: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4470: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4471: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4472: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4473: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4474: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4475: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4476: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4477: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4477: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4478: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4479: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4480: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4481: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4482: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4483: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4483: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4484: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4485: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4486: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4487: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4488: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

4489: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4490: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4491: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

4491: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

4492: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

4493: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4494: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4495: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

4496: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4497: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4498: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

,64499: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4500: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4501: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

4501: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

4501: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

4502: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4503: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4504: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4505: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4506: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4507: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4508: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4509: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4510: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4511: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

4511: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

4512: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4513: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4514: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4515: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4516: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4517: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4517: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4518: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

4519: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

4520: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4521: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4522: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4523: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4524: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4525: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4525: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4526: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

4527: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

4528: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4529: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4530: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4531: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4532: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4533: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4533: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4534: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4535: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4536: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4537: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4538: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4539: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4540: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4541: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4541: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4542: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

4542: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

4543: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4544: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4545: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4546: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4547: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4548: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4549: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4550: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4551: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4552: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

4552: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

4553: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

4554: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

4555: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4556: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4557: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4558: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4558: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4559: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4560: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4561: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4562: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4563: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4564: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4565: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4566: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4567: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4568: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4568: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4569: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4570: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4571: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4572: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4573: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4574: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4575: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4576: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4577: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4578: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4579: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4580: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4580: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4580: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4581: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4582: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4583: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4584: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4585: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4586: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4587: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4588: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4589: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4590: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4590: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4591: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4592: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4593: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4594: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4595: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4596: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4596: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4597: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4598: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4599: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4600: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4601: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4602: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4603: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4604: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4604: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4605: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

4606: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4607: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4608: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4609: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4610: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4611: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4612: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

,74613: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4614: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4615: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

4615: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

4615: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

4616: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4617: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4618: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4619: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4620: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4621: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4622: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4623: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4624: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4625: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

4625: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

4625: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

4626: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4627: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4628: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4629: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4630: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4631: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4631: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4632: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

4633: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

4634: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4635: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4636: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4637: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4638: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4639: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4639: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4640: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

4641: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

4642: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4643: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4644: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4645: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4646: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4647: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4647: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4648: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4649: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4650: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4651: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4652: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4653: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4654: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4655: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4655: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4656: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

4656: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

4657: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

4658: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

4659: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

4660: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

4661: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

4662: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

4663: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

4664: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

4665: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

4666: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

4666: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

4667: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

4668: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

4669: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4670: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4671: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4672: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4672: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4673: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4674: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4675: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4676: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4677: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4678: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4679: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4680: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4681: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4682: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4682: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4683: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4684: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4685: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4686: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4687: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4688: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4689: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4690: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4691: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4692: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4693: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4694: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4694: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4694: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4695: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4696: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4697: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4698: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4699: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4700: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4701: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4702: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4703: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4704: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4704: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4705: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4706: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4707: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4708: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4709: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4710: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4710: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4711: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4712: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4713: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4714: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4715: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4716: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4717: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4718: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4718: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4719: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

4720: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4721: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4722: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4723: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4724: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4725: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4726: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

,74727: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4728: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4729: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

4729: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

4729: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

4730: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4731: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4732: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4733: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4734: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4735: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4736: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4737: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4738: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4739: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

4739: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

4739: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

4740: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4741: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4742: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4743: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4744: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4745: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4745: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4746: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

4747: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

4748: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4749: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4750: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4751: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4752: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4753: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4753: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4754: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

4755: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

4756: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4757: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4758: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

4759: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4760: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4761: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

4761: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

4762: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

4763: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4764: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4765: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

4766: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4767: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4768: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

,64769: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

4770: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

4771: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

4771: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

4771: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

4772: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4773: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4774: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4775: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4776: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4777: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4778: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

4779: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

4780: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

4781: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

4781: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

4782: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4783: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4784: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4785: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4786: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4787: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4787: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4788: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

4789: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

4790: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4791: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4792: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4793: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4794: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4795: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4795: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4796: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

4797: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

4798: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4799: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4800: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4801: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4802: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4803: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

4804: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

4805: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4806: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

4807: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

4808: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4809: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4810: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

4810: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

4811: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

4811: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

4812: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4813: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4814: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4815: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4816: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4817: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4818: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

4819: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

4820: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

4821: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

4821: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

4822: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

4823: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

4824: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4825: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4826: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4827: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4827: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4828: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4829: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4830: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4831: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4832: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4833: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4834: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4835: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4836: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4837: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4837: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4838: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4839: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4840: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4841: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4842: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4843: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4844: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4845: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4846: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4847: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4848: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4849: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4849: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4849: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4850: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4851: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4852: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4853: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4854: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4855: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4856: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4857: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4858: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4859: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4859: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4860: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4861: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4862: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4863: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4864: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4865: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4865: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4866: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4867: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4868: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4869: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4870: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4871: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4872: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4873: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4873: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4874: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4875: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4876: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4877: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4878: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4879: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4880: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4881: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4881: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4882: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

4883: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4884: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4885: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4886: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4887: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4888: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4889: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

4890: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

4891: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

4892: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

4892: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

4892: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

4893: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4894: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4895: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4896: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4897: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4898: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4899: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

4900: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

4901: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

4902: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

4902: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

4902: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

4903: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4904: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4905: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4906: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4907: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4908: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

4908: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

4909: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

4909: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

4910: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

4911: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

4912: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

4913: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

4914: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

4915: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

4916: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

4917: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

4918: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

4919: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

4919: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

4920: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

4921: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

4922: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4923: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4924: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4925: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4926: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4927: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

4928: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

4929: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4930: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

4931: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

4932: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4933: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4934: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

4935: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4936: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4937: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,54938: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4939: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,54940: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

4941: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

4942: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

4943: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4944: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

4944: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

4945: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4946: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4947: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4948: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4949: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4950: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4951: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

4952: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

4953: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

4954: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

4954: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

4955: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

4956: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

4957: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4958: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4959: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4960: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4961: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4962: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4963: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

4964: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

4965: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

4966: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

4966: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

4966: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

4967: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4968: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4969: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4970: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4971: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4972: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4973: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

4974: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

4975: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

4976: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

4976: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

4977: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4978: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

4979: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

4980: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4981: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4982: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4983: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

4984: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

4985: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4986: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4987: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

4988: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4989: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4990: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4991: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4991: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

4992: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

4993: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

4994: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

4995: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

4996: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

4997: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

4998: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

4999: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

4999: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5000: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5001: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5002: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5003: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5004: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5005: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5005: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5006: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5007: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5008: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5009: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5010: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5011: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5012: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5013: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5014: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5015: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5016: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5016: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5016: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5017: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5018: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5019: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5020: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5021: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5022: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5023: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5024: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5025: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5026: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5026: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5026: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5027: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5028: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

5029: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5030: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5031: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5032: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5033: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5034: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

5035: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5036: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5037: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5038: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5039: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

5040: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5041: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5041: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5042: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5043: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5044: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5045: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5046: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

5046: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

5047: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

5048: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

5049: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

5049: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

5050: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

5051: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

5052: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

5052: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

5053: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

5054: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

5055: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

5055: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

5056: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

5056: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

5056: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

5057: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

5058: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

5059: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5060: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5061: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5062: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5063: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5064: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5065: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5066: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5066: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5066: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5067: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5068: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5068: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5069: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5070: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5071: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5072: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5073: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5074: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5075: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5076: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5077: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5078: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5079: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5080: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5081: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5082: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5083: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5084: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5085: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5086: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5087: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5088: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

5088: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

5089: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

5090: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

5091: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5092: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5093: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

5094: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

5095: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5096: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5097: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5098: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5099: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5100: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5101: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5102: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5103: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5104: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5104: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5104: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5105: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5106: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5106: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5107: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5108: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5109: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5110: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5111: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5112: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5113: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5114: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5115: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5116: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5117: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5118: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5119: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5120: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5121: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5122: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5123: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

5124: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5125: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5126: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

5127: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

5128: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

5128: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

5129: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

5130: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

5131: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5132: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5133: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5134: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5135: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5136: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5137: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5138: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5139: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5139: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5139: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5140: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5141: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5141: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5142: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5143: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5144: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5145: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5146: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5147: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5148: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5149: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5150: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5151: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5152: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5153: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5154: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5155: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5156: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5157: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5158: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

5159: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5160: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5161: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

5162: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

5163: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

5163: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

5164: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

5165: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

5166: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5167: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5168: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5169: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5170: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5171: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5172: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5173: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5174: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5175: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5175: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5175: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5176: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5177: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5177: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5178: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5179: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5180: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5181: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5182: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5183: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5184: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5185: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5186: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5187: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5188: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5189: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5190: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5191: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5192: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5193: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5194: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

5195: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5196: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5197: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

5198: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

5199: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

5199: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

5200: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

5201: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

5202: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5203: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5204: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5205: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5206: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5207: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5208: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5209: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5209: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5209: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5210: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5211: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5211: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5212: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5213: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5214: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5215: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5216: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5217: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5218: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5219: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

5220: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

5221: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5222: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5223: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5224: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5225: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5226: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5227: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5228: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5229: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5230: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5231: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

5232: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

5233: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5234: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5235: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5236: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5237: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5238: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5239: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5240: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5241: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5242: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5243: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5244: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5245: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5246: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

5247: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

5248: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5249: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5250: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5251: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5252: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5253: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5254: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5255: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5256: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5257: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5258: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

5259: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

5260: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5261: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5262: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5263: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5264: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5265: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5266: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5267: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

5267: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

5268: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

5269: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

5270: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5271: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5272: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5272: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5272: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5273: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5274: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5274: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5275: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5276: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5277: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5278: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5279: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5280: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5281: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5282: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5283: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5284: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5285: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5286: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5287: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5288: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5289: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5290: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5291: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5292: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5293: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5294: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

5294: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

5295: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

5296: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

5297: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5298: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5299: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5300: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5301: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

5301: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

5302: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5303: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5304: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5305: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5306: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5307: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5308: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5309: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5310: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5311: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

5311: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

5312: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

5313: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

5314: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5315: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5316: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5317: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5318: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5319: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5320: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5321: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5322: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5323: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

5323: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

5323: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

5324: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5325: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5326: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5327: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5328: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5329: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5330: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5331: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5332: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5333: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

5333: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

5334: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5335: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5336: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5337: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5338: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5339: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5339: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5340: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5341: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5342: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5343: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5344: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5345: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5346: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5347: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5347: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5348: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5349: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5350: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5351: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5352: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5353: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5354: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5355: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5355: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5356: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5357: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5358: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5359: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5360: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5361: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5362: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5363: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5364: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5365: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5366: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5366: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5366: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5367: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5368: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5369: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5370: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5371: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5372: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5373: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5374: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5375: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5376: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5376: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5376: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5377: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5378: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5379: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5380: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5381: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5382: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5382: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5383: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5384: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5385: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5386: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5387: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5388: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5389: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5390: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5390: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5391: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5392: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5393: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5394: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5395: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5396: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5397: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5398: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5398: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5399: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

5399: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

5400: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5401: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5402: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5403: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5404: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5405: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5406: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5407: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5408: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5409: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

5409: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

5410: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

5411: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5412: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5413: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

5414: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5415: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

5415: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

5416: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5417: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5418: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5419: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5420: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5421: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5422: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5423: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5424: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5425: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

5425: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

5426: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

5427: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

5428: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5429: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5430: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5431: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5432: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5433: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5434: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5435: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5436: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5437: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

5437: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

5437: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

5438: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5439: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5440: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5441: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5442: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5443: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5444: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5445: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5446: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5447: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

5447: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

5448: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5449: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5450: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5451: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5452: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5453: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5454: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5455: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5456: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5456: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5457: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5458: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5459: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5460: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5461: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5462: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5463: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5464: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5464: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5465: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5466: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5467: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5468: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5469: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5470: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5470: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5471: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5472: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5473: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5474: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5475: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5476: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5477: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5478: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5479: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5480: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5481: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5481: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5481: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5482: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5483: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5484: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5485: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5486: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5487: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5488: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5489: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5490: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5491: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5491: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5491: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5492: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5493: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

5494: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

5495: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5496: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5497: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5498: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5499: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5500: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5500: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5501: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5502: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5503: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5504: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5505: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5506: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5507: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5508: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5508: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5509: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5510: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5511: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5512: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5513: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5514: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5515: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5516: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5516: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5517: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

5517: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

5518: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5519: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5520: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5521: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5522: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5523: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5524: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5525: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5526: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5527: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

5527: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

5528: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

5529: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

5530: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5531: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5532: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,55533: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5534: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5535: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

5535: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

5536: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5537: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5538: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5539: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5540: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5541: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5542: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5543: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5544: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5545: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

5545: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

5546: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

5547: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

5548: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5549: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5550: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5551: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5552: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5553: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5554: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5555: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5556: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5557: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

5557: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

5557: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

5558: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5559: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5560: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5561: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5562: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5563: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5564: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5565: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5566: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5567: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

5567: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

5568: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5569: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

5570: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

5571: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5572: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5573: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5574: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5575: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5576: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5576: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5577: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5578: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5579: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5580: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5581: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5582: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5583: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5584: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5584: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5585: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5586: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5587: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5588: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5589: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5590: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5591: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5592: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5592: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5593: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5594: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5595: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5596: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5597: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5598: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5599: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5600: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5601: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5602: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5603: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5603: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5603: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5604: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5605: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5606: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5607: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5608: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5609: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5610: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5611: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5612: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5613: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5614: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5615: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5616: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5617: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5618: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5618: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5618: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5619: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5620: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5621: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5622: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5622: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5623: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5624: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5625: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5626: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5627: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5628: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

5629: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5630: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5630: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5631: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5632: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5633: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5634: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5635: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

5635: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

5636: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

5637: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

5638: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

5638: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

5639: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

5640: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

5641: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

5641: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

5642: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

5643: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

5644: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

5644: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

5645: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

5645: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

5645: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

5646: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

5647: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

5648: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5649: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5650: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5651: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5652: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5653: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5654: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5655: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5656: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5656: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5656: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5657: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5658: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5659: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5659: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5660: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5661: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5662: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5663: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5664: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5665: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5666: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5667: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5668: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5669: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5670: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5671: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5672: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5673: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5674: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5675: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5676: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5677: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5678: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5679: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

5679: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

5680: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

5681: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5682: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5683: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5684: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5685: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5686: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5687: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

5688: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5689: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5690: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5691: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5691: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5691: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5692: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5693: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5693: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5694: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5695: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5696: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5697: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5698: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5699: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5700: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5701: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5702: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5703: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5704: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5705: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5706: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5707: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5708: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5709: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5710: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

5711: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5712: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5713: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

5714: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

5715: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

5715: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

5716: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

5717: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

5718: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5719: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5720: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5721: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5722: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5723: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5724: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5725: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5726: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5727: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

5727: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

5727: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

5728: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

5729: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

5729: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

5730: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

5731: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

5732: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

5733: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

5734: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

5735: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5736: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5737: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5738: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5739: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5740: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

5741: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

5742: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

5743: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

5744: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5745: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5746: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5747: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5748: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5749: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

5750: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

5751: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5752: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5753: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

5753: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

5754: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

5755: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

5756: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5757: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5758: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5759: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5760: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5761: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

5761: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

5762: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5763: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5764: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5765: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5766: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5767: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5768: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

5768: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

5769: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

5770: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

5771: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5772: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5773: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5774: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5775: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5776: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5777: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

5777: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

5777: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

5778: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5779: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5780: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5781: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5782: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5783: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5784: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

5784: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

5785: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5786: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5787: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5788: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5789: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5790: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5790: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5791: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5792: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5793: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5794: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5795: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5796: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5797: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5798: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5798: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5799: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5800: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5801: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5802: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5803: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5804: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5805: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5806: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5806: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5806: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5807: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5808: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5809: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5810: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5811: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5812: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5813: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5813: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5813: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5814: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5815: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5816: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5817: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5818: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5819: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5819: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5820: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5821: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5822: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5823: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5824: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5825: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5826: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5827: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5827: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5828: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

5828: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

5829: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5830: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5831: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5832: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5833: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5834: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5835: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

5835: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

5836: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

5837: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5838: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5839: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5840: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5841: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

5842: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5843: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

5843: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

5844: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5845: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5846: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5847: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5848: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5849: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5850: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

5850: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

5851: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

5852: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

5853: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5854: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5855: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5856: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5857: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5858: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5859: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

5859: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

5859: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

5860: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5861: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5862: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5863: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5864: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5865: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5866: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

5866: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

5867: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5868: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5869: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5870: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5871: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5872: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5872: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5873: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5874: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5875: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5876: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5877: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5878: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5879: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5880: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5880: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5881: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5882: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5883: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5884: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5885: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5886: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5887: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5888: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5888: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5888: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5889: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5890: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5891: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5892: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5893: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5894: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5895: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5895: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5895: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5896: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5897: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5898: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5899: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5900: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5901: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5901: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5902: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

5903: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

5904: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5905: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5906: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5907: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5908: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

5909: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5910: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

5911: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5912: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

5913: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5914: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

5915: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

5916: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5917: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5918: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5918: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

5919: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

5919: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

5920: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5921: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5922: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5923: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

5924: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

5925: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

5926: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

5926: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

5927: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

5928: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5929: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

5930: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

5931: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

5932: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5933: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5934: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

5935: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

,55936: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

5937: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5938: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

5938: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

5939: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5940: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5941: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5942: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

5943: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

5944: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

5945: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

5945: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

5946: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

5947: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

5948: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5949: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5950: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5951: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

5952: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

5953: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

5954: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

5954: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

5954: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

5955: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5956: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5957: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5958: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

5959: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

5960: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

5961: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

5961: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

5962: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

5963: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

5964: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

5965: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5966: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5967: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5968: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5969: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5970: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5970: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5971: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

5972: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

5973: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5974: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

5975: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

5976: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5977: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5978: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

5978: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

5979: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

5980: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5981: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5982: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5983: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

5984: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

5985: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

5986: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

5986: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

5986: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

5987: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5988: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5989: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5990: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

5991: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

5992: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

5993: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

5993: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

5993: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

5994: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

5995: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

5996: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

5997: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

5998: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

5999: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

5999: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

6000: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

6001: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

6002: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6003: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6004: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6005: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6006: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6007: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6008: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

6008: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

6009: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

6010: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

6011: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

6011: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

6012: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

6013: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

6014: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

6014: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

6015: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

6015: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

6015: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

6016: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

6017: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

6018: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6019: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6020: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6021: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6022: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6023: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6024: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6025: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6025: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6025: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6026: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6027: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6027: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6028: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6029: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6030: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6031: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6032: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6033: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6034: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6035: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6036: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6037: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6038: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6039: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6040: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6041: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6042: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6043: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6044: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6045: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6046: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6047: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

6047: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

6048: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

6049: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

6050: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6051: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6052: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6053: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6054: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6055: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6056: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6057: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6058: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6058: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6058: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6059: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6060: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6060: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6061: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6062: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6063: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6064: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6065: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6066: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6067: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

6068: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

6069: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6070: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6071: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6072: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6073: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6074: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6075: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6076: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6077: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6078: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6079: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6080: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6081: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6082: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6083: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

6084: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

6085: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

6085: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

6086: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

6087: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

6088: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6089: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6090: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6091: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6092: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6093: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6094: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6095: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6095: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6095: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6096: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6097: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6097: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6098: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6099: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6100: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6101: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6102: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6103: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6104: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6105: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6106: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6107: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6108: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6109: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6110: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6111: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6112: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6113: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6114: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6115: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6116: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6117: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6118: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6119: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

6120: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

6121: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

6121: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

6122: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

6123: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

6124: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6125: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6126: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6127: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6128: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6129: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6130: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6131: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6131: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6131: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6132: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6133: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6133: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6134: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6135: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6136: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6137: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6138: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6139: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6140: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6141: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6142: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6143: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6144: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6145: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6146: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6147: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6148: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6149: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6150: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6151: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6152: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6153: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6154: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

6155: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

6156: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

6156: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

6157: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

6158: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

6159: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6160: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6161: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6162: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6163: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6164: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6165: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6166: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6166: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6166: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6167: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6168: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6168: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6169: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6170: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6171: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6172: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6173: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6174: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6175: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6176: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

6177: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6178: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6179: proc 5 (CM:1) PromelaModel.pml:138 (state 39) [(((status==ini)&&(clientInReqRep.message==failGetWtr)))]

6180: proc 5 (CM:1) PromelaModel.pml:139 (state 40) [CMtoclients[clientConnecting]!disconn]

6181: proc 5 (CM:1) PromelaModel.pml:140 (state 41) [numClientsConnected = (numClientsConnected-1)]

6181: proc 5 (CM:1) PromelaModel.pml:141 (state 42) [clientsConnected[numClientsConnected] = 0]

6181: proc 5 (CM:1) PromelaModel.pml:142 (state 43) [status = idle]

6182: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6183: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6184: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6185: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6186: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6187: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6188: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6189: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6190: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6191: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6191: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6191: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6192: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6193: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6193: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6194: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6195: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6196: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6197: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6198: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6199: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6200: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6201: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6202: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

,0,146203: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6204: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6205: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

6206: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

6207: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6208: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6209: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6210: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6211: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6212: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6213: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6214: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6215: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6216: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6217: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6218: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6219: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6220: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

,0,126221: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6222: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6223: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

6224: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

6225: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6226: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

6226: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

6227: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

6228: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

6229: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6230: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6231: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6232: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6233: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6234: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6235: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6236: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6237: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6237: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6237: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6238: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6239: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6239: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6240: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6241: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6242: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6243: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6244: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6245: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6246: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6247: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6248: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6249: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6250: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6251: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6252: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6253: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6254: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6255: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6256: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6257: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6258: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6259: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

6260: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

6261: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

6261: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

6262: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

6263: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

6264: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6265: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6266: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6267: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6268: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6269: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6270: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6271: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6272: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6272: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6272: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6273: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6274: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6274: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6275: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6276: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6277: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6278: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6279: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6280: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6281: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

6282: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6283: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6284: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

6285: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

6286: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6287: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6288: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

6288: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

6289: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6290: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6291: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6292: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6293: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6294: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6295: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6296: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6297: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6298: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

6298: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

6298: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

6299: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6300: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6301: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6302: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6303: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6304: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6305: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6306: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6307: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6308: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

6308: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

6309: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6310: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6311: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6312: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6313: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6314: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6314: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6315: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

6316: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

6317: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6318: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6319: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6320: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6321: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6322: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6322: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6323: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

6324: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

6325: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6326: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6327: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6328: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6329: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6330: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6330: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6331: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

6331: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

6332: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

6333: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

6334: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

6335: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

6336: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

6337: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

6338: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

6339: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

6340: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

6341: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

6341: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

6342: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

6343: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

6344: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6345: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6346: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6347: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6348: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

6348: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

6349: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6350: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6351: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6352: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6353: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6354: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6355: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6356: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6357: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6358: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

6358: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

6359: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

6360: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

6361: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6362: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6363: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6364: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6365: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6366: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6367: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6368: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6369: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6370: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

6370: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

6370: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

6371: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6372: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6373: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6374: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6375: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6376: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6377: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6378: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6379: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6380: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

6380: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

6381: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6382: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6383: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6384: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6385: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6386: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6386: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6387: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6388: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6389: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6390: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6391: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6392: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6393: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6394: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6394: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6395: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6396: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6397: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6398: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6399: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

6400: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6401: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6402: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

6402: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

6403: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6404: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6405: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6406: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6407: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6408: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6409: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6410: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6411: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6412: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

6412: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

6412: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

6413: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6414: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6415: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6416: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6417: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6418: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6419: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6420: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6421: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6422: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

6422: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

6423: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6424: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6425: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6426: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6427: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6428: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6428: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6429: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

6430: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

6431: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6432: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6433: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6434: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6435: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6436: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6436: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6437: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

6438: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

6439: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6440: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6441: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6442: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6443: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6444: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6444: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6445: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

6445: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

6446: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

6447: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

6448: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

6449: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

6450: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

6451: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

6452: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

6453: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

6454: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

6455: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

6455: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

6456: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

6457: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6458: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6459: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

,56460: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6461: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6462: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

6462: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

6463: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6464: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6465: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6466: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6467: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6468: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6469: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6470: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6471: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6472: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

6472: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

6473: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

6474: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

6475: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6476: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6477: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6478: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6479: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6480: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6481: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6482: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6483: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6484: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

6484: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

6484: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

6485: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6486: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6487: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6488: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6489: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6490: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6491: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6492: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6493: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6494: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

6494: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

6495: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6496: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

6497: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

6498: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6499: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6500: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6501: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6502: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6503: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6503: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6504: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6505: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6506: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6507: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6508: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6509: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6510: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6511: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6511: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6512: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6513: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6514: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6515: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6516: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

6517: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6518: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6519: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

6519: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

6520: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6521: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6522: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6523: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6524: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6525: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6526: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

6527: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

6528: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

6529: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

6529: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

6529: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

6530: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6531: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6532: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6533: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6534: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6535: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6536: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

6537: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

6538: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

6539: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

6539: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

6540: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6541: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6542: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6543: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6544: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6545: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6545: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6546: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

6547: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

6548: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6549: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6550: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

6551: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6552: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6553: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

6553: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

6554: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

6555: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

6556: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6557: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

6558: proc 2 (client:1) PromelaModel.pml:58 (state 23) [req\_rep.message = failUseOldWtr]

6559: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6560: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6561: proc 5 (CM:1) PromelaModel.pml:273 (state 155) [(((status==postrev)&&(clientInReqRep.message==failUseOldWtr)))]

6561: proc 5 (CM:1) PromelaModel.pml:274 (state 156) [numClientsReportSuccUseOldWtr = 0]

6562: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

6563: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

6564: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

6564: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

6565: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

6566: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

6567: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

6567: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

6568: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

6569: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

6570: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

6570: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

6571: proc 5 (CM:1) PromelaModel.pml:280 (state 161) [((dummy2==numClientsConnected))]

6571: proc 5 (CM:1) PromelaModel.pml:281 (state 162) [dummy2 = 0]

6571: proc 5 (CM:1) PromelaModel.pml:284 (state 167) [numClientsConnected = 0]

6572: proc 5 (CM:1) PromelaModel.pml:285 (state 168) [WCPstatus = enable]

6573: proc 5 (CM:1) PromelaModel.pml:286 (state 169) [status = idle]

6574: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6575: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6576: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6577: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6578: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6579: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6580: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6581: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6581: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6581: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6582: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6583: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6583: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6584: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6585: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6586: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6587: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6588: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6589: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6590: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6591: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6592: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6593: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6594: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6595: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6596: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6597: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6598: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6599: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6600: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6601: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6602: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6603: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

6603: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

6604: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

6605: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

6606: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6607: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6608: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6609: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6610: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6611: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6612: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6613: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6613: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6613: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6614: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6615: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6615: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6616: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6617: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6618: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6619: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6620: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6621: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6622: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6623: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6624: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6625: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6626: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6627: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6628: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6629: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6630: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6631: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6632: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6633: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6634: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6635: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

6635: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

6636: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

6637: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

6638: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6639: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6640: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6641: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6642: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6643: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6644: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6645: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

6645: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

6646: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6647: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6648: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6649: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6650: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6651: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6652: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

6652: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

6653: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

6654: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

6655: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6656: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6657: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6658: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6659: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6660: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6661: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

6661: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

6661: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

6662: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6663: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6664: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6665: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6666: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6667: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6668: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

6668: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

6669: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6670: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6671: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6672: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6673: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6674: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6674: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6675: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6676: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6677: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6678: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6679: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6680: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6681: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6682: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6682: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6683: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

6684: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

6685: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

6686: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

6687: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

6688: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

6689: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

6690: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

6690: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

6690: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

6691: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

6692: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

6693: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

6694: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

6695: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

6696: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

6697: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

6697: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

6697: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

6698: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6699: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6700: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6701: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6702: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6703: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

6703: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

6704: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

6705: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

6706: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6707: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6708: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6709: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6710: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6711: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

6711: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

6712: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

6712: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

6713: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

6714: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

6715: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

6716: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

6717: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

6718: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

6719: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

6719: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

6720: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

6721: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

6722: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6723: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6724: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6725: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6726: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

6726: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

6727: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6728: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6729: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6730: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6731: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6732: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6733: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

6733: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

6734: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

6735: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

6736: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6737: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6738: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6739: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6740: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6741: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6742: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

6742: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

6742: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

6743: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6744: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6745: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6746: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6747: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6748: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6749: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

6749: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

6750: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6751: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6752: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6753: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6754: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6755: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6755: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6756: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6757: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6758: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6759: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6760: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6761: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6762: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6763: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6763: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6764: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

6765: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

6766: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

6767: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

6768: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

6769: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

6770: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

6771: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

6771: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

6771: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

6772: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

6773: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

6774: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

6775: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

6776: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

6777: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

6778: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

6778: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

6778: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

6779: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6780: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6781: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6782: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6783: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6784: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

6784: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

6785: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

6786: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

6787: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6788: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6789: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6790: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6791: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6792: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

6793: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

6794: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6795: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6796: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

6796: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

6797: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

6797: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

6798: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

6799: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

6800: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

6801: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

6802: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

6803: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

6804: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

6804: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

6805: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

6806: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6807: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6808: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6809: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

,56810: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6811: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6812: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

6812: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

6813: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6814: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6815: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6816: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

6817: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

6818: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

6819: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

6819: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

6820: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

6821: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

6822: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6823: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6824: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6825: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

6826: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

6827: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

6828: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

6828: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

6828: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

6829: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6830: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6831: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6832: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

6833: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

6834: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

6835: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

6835: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

6836: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6837: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

6838: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

6839: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6840: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6841: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6842: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6843: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6844: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6844: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6845: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

6846: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

6847: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6848: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6849: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6850: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6851: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6852: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

6852: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

6853: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

6854: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

6855: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

6856: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

6857: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

6858: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

6859: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

6860: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

6860: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

6860: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

6861: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

6862: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

6863: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

6864: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

6865: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

6866: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

6867: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

6867: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

6867: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

6868: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6869: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6870: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6871: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6872: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6873: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

6873: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

6874: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

6875: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

6876: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6877: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6878: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6879: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6880: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6881: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

6881: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

6882: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

6883: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

6884: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

6884: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

6885: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

6886: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

6887: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

6887: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

6888: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

6888: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

6888: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

6889: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

6890: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

6891: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6892: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6893: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6894: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6895: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6896: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6897: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6898: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6898: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6898: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6899: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6900: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6900: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6901: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6902: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6903: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6904: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6905: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6906: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6907: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6908: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6909: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6910: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6911: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6912: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6913: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6914: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6915: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6916: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6917: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6918: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6919: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6920: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

6920: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

6921: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

6922: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

6923: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6924: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6925: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6926: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6927: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6928: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6929: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6930: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6930: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6930: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6931: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6932: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6932: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6933: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6934: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6935: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6936: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6937: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6938: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6939: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6940: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6941: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6942: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6943: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6944: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6945: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6946: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6947: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6948: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6949: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

6950: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6951: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6952: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

6953: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

6954: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

6954: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

6955: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

6956: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

6957: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6958: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

6959: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

6960: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

6961: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6962: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6963: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6964: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6965: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

6965: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

6965: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

6966: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

6967: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

6967: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

6968: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

6969: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

6970: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

6971: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

6972: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

6973: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6974: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

6975: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

6976: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6977: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6978: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

6979: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

6980: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

6981: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

6982: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

6983: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

6984: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

6985: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

6986: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

6987: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6988: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6989: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

6990: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

6991: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

6992: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

6993: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

6993: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

6994: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

6995: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

6996: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

6997: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

6998: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

6998: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

6999: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7000: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7001: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7002: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7003: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7004: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7005: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

7005: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

7006: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

7007: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

7008: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7009: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7010: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7011: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7012: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7013: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7014: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

7014: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

7014: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

7015: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7016: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7017: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7018: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7019: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7020: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7021: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

7021: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

7022: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7023: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7024: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7025: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7026: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7027: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7028: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7029: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7030: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7030: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7031: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7032: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7033: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7034: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7035: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7036: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7036: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7037: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

7038: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7039: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7040: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7041: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7042: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7043: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7044: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

7044: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

7044: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

7045: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7046: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7047: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7048: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7049: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7050: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7051: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

7051: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

7051: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

7052: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7053: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7054: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7055: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7056: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7057: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7057: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7058: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

7059: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

7060: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7061: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7062: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7063: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7064: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7065: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7065: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7066: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

7066: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

7067: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

7068: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

7069: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

7070: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

7071: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

7072: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

7073: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

7073: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

7074: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

7075: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7076: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

7077: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7078: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

7078: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

7079: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7080: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7081: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7082: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7083: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7084: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7085: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

7085: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

7086: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

7087: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

7088: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7089: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7090: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7091: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7092: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7093: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7094: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

7094: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

7094: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

7095: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7096: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7097: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7098: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7099: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7100: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7101: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

7101: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

7102: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7103: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7104: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7105: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7106: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7107: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7107: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7108: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7109: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7110: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7111: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7112: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

7113: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7114: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7115: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7116: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

7116: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

7117: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

7118: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7119: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7120: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

7121: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7122: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7123: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

7123: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

7123: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

7124: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7125: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7126: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7127: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7128: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7129: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7130: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

7130: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

7131: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7132: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7133: proc 4 (client:1) PromelaModel.pml:58 (state 23) [req\_rep.message = failUseOldWtr]

7134: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7135: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7136: proc 5 (CM:1) PromelaModel.pml:273 (state 155) [(((status==postrev)&&(clientInReqRep.message==failUseOldWtr)))]

7136: proc 5 (CM:1) PromelaModel.pml:274 (state 156) [numClientsReportSuccUseOldWtr = 0]

7137: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

7138: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

7139: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

7139: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

7140: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

,227141: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

7142: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

7142: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

7143: proc 5 (CM:1) PromelaModel.pml:280 (state 161) [((dummy2==numClientsConnected))]

7143: proc 5 (CM:1) PromelaModel.pml:281 (state 162) [dummy2 = 0]

7143: proc 5 (CM:1) PromelaModel.pml:284 (state 167) [numClientsConnected = 0]

7144: proc 5 (CM:1) PromelaModel.pml:285 (state 168) [WCPstatus = enable]

7145: proc 5 (CM:1) PromelaModel.pml:286 (state 169) [status = idle]

7146: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7147: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7148: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7149: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7150: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7151: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7152: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7153: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7153: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7153: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7154: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7155: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7155: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7156: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7157: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7158: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7159: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7160: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7161: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7162: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7163: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7164: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7165: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7166: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7167: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7168: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7169: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7170: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7171: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7172: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7173: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7174: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7175: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

7175: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

7176: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

7177: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

7178: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7179: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7180: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

7181: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7182: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7183: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

7184: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

7185: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7186: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7187: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7188: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7189: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7190: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7191: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7192: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7193: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

,0,157194: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7195: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7196: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7197: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7198: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7198: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7198: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7199: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7200: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7200: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7201: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7202: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7203: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7204: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7205: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7206: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7207: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

7208: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

7209: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7210: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

7211: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7212: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7213: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7214: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7215: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7216: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

7217: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7218: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7219: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7220: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

,0,157221: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7222: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7223: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7224: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7225: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7226: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7227: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7228: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

7229: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

7230: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7231: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7232: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7233: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7234: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7235: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7236: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7237: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7238: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

,0,157239: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7240: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7241: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

7242: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

7243: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

7243: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

7244: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

7245: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

7246: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7247: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7247: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7247: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7248: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7249: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7249: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7250: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7251: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7252: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7253: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7254: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7255: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7256: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7257: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7258: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7259: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7260: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7261: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7262: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7263: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

,1,157264: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7265: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7266: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7267: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7268: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7269: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7270: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7271: proc 2 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7272: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7273: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7274: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

7275: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

7276: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7277: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7278: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7279: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7280: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7281: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

,0,117282: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7283: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7284: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

7285: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

7286: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7287: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

7288: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

7289: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

7289: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

7290: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

7291: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

7292: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7293: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7294: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7295: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7296: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7297: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7298: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7299: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7299: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7299: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7300: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7301: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7301: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7302: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7303: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7304: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7305: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7306: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7307: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7308: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7309: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7310: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7311: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7312: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7313: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7314: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7315: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7316: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7317: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7318: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7319: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7320: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7321: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

7321: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

7322: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

7323: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

7324: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7325: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7326: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7327: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7328: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7329: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7330: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7331: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

7331: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

7332: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7333: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7334: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7335: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7336: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7337: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7338: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

7338: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

7339: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

7340: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

7341: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7342: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7343: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7344: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7345: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7346: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7347: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

7347: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

7347: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

7348: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7349: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7350: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7351: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7352: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7353: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7354: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

7354: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

7355: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7356: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7357: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7358: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7359: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7360: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7360: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7361: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7362: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7363: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7364: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7365: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7366: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7367: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7368: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7368: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7369: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

7370: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7371: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7372: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7373: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7374: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7375: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7376: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

7376: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

7376: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

7377: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7378: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7379: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7380: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7381: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7382: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7383: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

7383: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

7383: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

7384: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7385: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7386: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7387: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7388: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7389: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7389: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7390: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

7391: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

7392: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7393: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7394: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7395: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7396: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7397: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7397: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7398: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

7398: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

7399: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

7400: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

7401: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

7402: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

7403: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

7404: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

7405: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

7405: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

7406: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

7407: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7408: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7409: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

7410: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7411: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7412: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

7412: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

7413: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7414: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7415: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7416: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7417: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7418: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7419: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

7419: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

7420: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

7421: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

7422: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7423: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7424: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7425: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7426: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7427: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7428: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

7428: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

7428: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

7429: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7430: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7431: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7432: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7433: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7434: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7435: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

7435: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

7436: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7437: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7438: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7439: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7440: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7441: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7441: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7442: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7443: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7444: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7445: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7446: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7447: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7448: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7449: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7449: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7450: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

7451: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7452: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7453: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7454: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7455: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7456: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7457: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

7457: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

7457: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

7458: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7459: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7460: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7461: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7462: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7463: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7464: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

7464: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

7464: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

7465: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7466: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7467: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7468: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7469: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7470: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7470: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7471: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

7472: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

7473: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7474: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7475: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7476: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7477: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7478: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

7479: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

7480: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7481: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7482: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7482: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7483: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

7483: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

7484: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

7485: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

7486: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

7487: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

7488: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

7489: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

7490: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

7490: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

7491: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

7492: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7493: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7494: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7495: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

,57496: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7497: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7498: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

7498: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

7499: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7500: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7501: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7502: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7503: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7504: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7505: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

7505: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

7506: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

7507: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

7508: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7509: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7510: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7511: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7512: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7513: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7514: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

7514: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

7514: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

7515: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7516: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7517: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7518: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7519: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7520: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7521: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

7521: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

7522: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7523: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

7524: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

7525: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7526: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7527: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7528: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7529: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7530: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7530: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7531: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7532: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7533: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7534: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7535: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7536: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7537: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7538: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7538: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7539: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

7540: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7541: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7542: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7543: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

7544: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

7545: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

7546: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

7546: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

7546: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

7547: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7548: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7549: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7550: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

7551: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

7552: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

7553: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

7553: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

7553: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

7554: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7555: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7556: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7557: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7558: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7559: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

7559: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

7560: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

7561: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

7562: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7563: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7564: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7565: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7566: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7567: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

7567: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

7568: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

7569: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

7570: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

7570: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

7571: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

7572: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

7573: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

7573: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

7574: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

7574: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

7574: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

7575: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

7576: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

7577: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7578: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7579: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7580: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7581: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7582: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7583: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7584: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7584: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7584: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7585: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7586: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7586: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7587: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7588: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7589: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7590: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7591: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7592: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7593: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7594: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7595: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7596: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7597: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7598: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7599: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7600: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7601: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7602: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7603: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7604: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7605: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7606: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

7606: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

7607: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

7608: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

7609: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7610: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7611: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7612: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7613: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7614: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7615: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7616: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7617: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7618: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7619: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7619: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7619: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7620: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7621: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7621: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7622: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7623: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7624: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7625: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7626: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7627: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7628: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

7629: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

7630: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7631: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7632: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7633: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7634: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7635: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7636: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7637: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7638: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7639: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7640: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7641: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7642: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7643: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7644: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

7645: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

7646: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

7646: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

7647: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

7648: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

7649: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7650: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7651: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7652: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7653: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7654: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7655: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7656: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7656: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7656: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7657: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7658: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7658: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7659: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7660: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7661: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7662: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7663: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7664: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7665: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7666: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7667: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7668: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7669: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7670: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7671: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7672: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7673: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7674: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7675: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7676: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7677: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7678: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7679: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7680: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

7681: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

7682: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

7682: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

7683: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

7684: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

7685: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7686: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7687: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7688: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7689: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7690: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7691: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7692: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7692: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7692: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7693: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7694: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7694: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7695: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7696: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7697: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7698: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7699: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7700: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7701: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7702: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7703: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7704: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7705: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7706: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7707: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7708: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7709: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7710: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7711: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7712: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7713: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7714: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7715: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

7716: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

7717: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

7717: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

7718: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

7719: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

7720: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7721: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7722: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7723: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7724: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7725: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7726: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7727: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7727: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7727: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7728: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7729: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7729: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7730: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7731: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7732: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7733: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7734: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7735: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7736: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7737: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

7738: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7739: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7740: proc 5 (CM:1) PromelaModel.pml:138 (state 39) [(((status==ini)&&(clientInReqRep.message==failGetWtr)))]

7741: proc 5 (CM:1) PromelaModel.pml:139 (state 40) [CMtoclients[clientConnecting]!disconn]

7742: proc 5 (CM:1) PromelaModel.pml:140 (state 41) [numClientsConnected = (numClientsConnected-1)]

7742: proc 5 (CM:1) PromelaModel.pml:141 (state 42) [clientsConnected[numClientsConnected] = 0]

7742: proc 5 (CM:1) PromelaModel.pml:142 (state 43) [status = idle]

7743: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7744: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7745: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7746: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7747: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7748: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7749: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7750: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7750: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7750: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7751: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7752: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7752: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7753: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7754: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7755: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7756: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7757: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7758: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7759: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7760: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7761: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7762: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7763: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

7764: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

7765: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7766: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7767: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7768: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7769: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7770: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7771: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7772: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7773: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7774: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7775: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

7776: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7777: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7778: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

7779: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7780: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7781: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

7782: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7783: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

7784: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

7785: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

7785: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

7786: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

7787: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

7788: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7789: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7790: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7791: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7792: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7793: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7794: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7795: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7795: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7795: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7796: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7797: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7797: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7798: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7799: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7800: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7801: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7802: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7803: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7804: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7805: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

7806: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

7807: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7808: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7809: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

7809: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

7810: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

7811: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7812: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7813: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

7814: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7815: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7816: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

7816: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

7816: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

7817: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7818: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7819: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7820: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7821: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7822: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7823: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

7823: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

7824: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7825: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7826: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

7827: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7828: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7829: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

7829: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

7830: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

7831: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

7832: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7833: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7834: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

7835: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7836: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7837: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

7837: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

7838: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

7838: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

7839: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

7840: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

7841: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

7842: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

7843: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

7844: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

7845: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

7845: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

7846: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

7847: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

7848: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

7849: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

7850: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

7851: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7852: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7853: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

7853: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

7853: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

7854: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

7855: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

7855: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

7856: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

7857: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

7858: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

7859: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

7860: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

7861: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7862: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7863: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7864: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7865: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7866: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

7867: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

7868: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

7869: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

7870: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7871: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

7872: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

7873: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7874: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7875: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

7875: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

7876: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

7877: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

7878: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7879: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7880: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7881: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7882: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

7882: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

7883: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7884: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7885: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7886: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7887: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7888: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7889: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7890: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7891: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7892: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

7892: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

7893: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

7894: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

7895: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7896: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7897: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7898: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7899: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7900: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7901: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

7902: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

7903: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

7904: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

7904: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

7904: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

7905: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7906: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7907: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7908: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7909: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7910: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7911: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

7912: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

7913: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

7914: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

7914: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

7915: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7916: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7917: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7918: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7919: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7920: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7920: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7921: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7922: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7923: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7924: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7925: proc 3 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

7926: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7927: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7928: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

7928: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

7929: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

7930: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7931: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7932: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

7933: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7934: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7935: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

,67936: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

7937: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

7938: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

7938: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

7938: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

7939: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7940: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7941: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7942: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7943: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7944: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7945: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

7946: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

7947: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

7948: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

7948: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

7949: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7950: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7951: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

7952: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7953: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7954: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

7954: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

7955: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

7956: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

7957: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7958: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7959: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

7960: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7961: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7962: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

7962: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

7963: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

7964: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

7965: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7966: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

7967: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

7968: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7969: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7970: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

7970: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

7971: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

7972: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

7973: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

7974: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

7975: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

7976: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

7977: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

7978: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

7978: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

7979: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

7979: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

7980: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

7981: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

7982: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

7983: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

7984: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

7985: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

7986: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

7987: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

7988: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

7989: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

7989: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

7990: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

7991: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

7992: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

7993: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

7994: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

7995: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

7995: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

7996: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

7997: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

7998: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

7999: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8000: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8001: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8002: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8003: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8004: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8005: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8005: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8006: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8007: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8008: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8009: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8010: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8011: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8012: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8013: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8014: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8015: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8016: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8017: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8017: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8017: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8018: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8019: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8020: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8021: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8022: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8023: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8024: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8025: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8026: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8027: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8027: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8028: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8029: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8030: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8031: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8032: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8033: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8033: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8034: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8035: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8036: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8037: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8038: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8039: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8040: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8041: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8041: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8042: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

8043: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8044: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8045: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8046: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8047: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8048: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8049: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

,78050: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8051: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8052: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

8052: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

8052: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

8053: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8054: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8055: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8056: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8057: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8058: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8059: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8060: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8061: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8062: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

8062: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

8062: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

8063: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8064: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8065: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8066: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8067: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8068: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8068: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8069: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8070: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8071: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8072: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8073: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8074: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8075: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8076: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8076: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8077: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8078: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8079: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8080: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8081: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8082: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8083: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8084: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8084: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8085: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8086: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8087: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8088: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8089: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8090: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8091: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8092: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8092: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8093: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

8093: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

8094: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8095: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8096: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8097: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8098: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8099: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8100: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8101: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8102: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8103: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

8103: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

8104: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

8105: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8106: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8107: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

8108: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8109: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8109: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8110: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8111: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8112: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8113: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8114: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8115: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8116: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8117: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8118: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8119: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8119: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8120: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8121: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8122: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8123: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8124: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8125: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8126: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8127: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8128: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8129: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8130: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8131: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8131: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8131: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8132: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8133: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8134: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8135: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8136: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8137: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8138: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8139: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8140: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8141: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8141: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8142: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8143: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8144: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8145: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8146: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8147: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8147: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8148: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8149: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8150: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8151: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8152: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8153: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8154: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8155: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8155: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8156: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

8157: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8158: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8159: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8160: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8161: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8162: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8163: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

,78164: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8165: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8166: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

8166: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

8166: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

8167: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8168: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8169: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8170: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8171: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8172: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8173: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8174: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8175: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8176: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

8176: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

8176: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

8177: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8178: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8179: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8180: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8181: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8182: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8182: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8183: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8184: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8185: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8186: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8187: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8188: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8189: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8190: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8190: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8191: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8192: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8193: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8194: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8195: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

8196: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8197: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8198: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

8198: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

8199: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8200: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8201: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8202: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8203: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8204: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8205: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

,68206: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8207: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8208: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

8208: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

8208: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

8209: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8210: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8211: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8212: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8213: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8214: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8215: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8216: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8217: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8218: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

8218: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

8219: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8220: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8221: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8222: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8223: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8224: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8224: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8225: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8226: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8227: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8228: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8229: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8230: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8231: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8232: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8232: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8233: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8234: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8235: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8236: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8237: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8238: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8239: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8240: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

8241: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

8242: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8243: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8244: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8245: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8246: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8247: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8247: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8248: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

8248: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

8249: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8250: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8251: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8252: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8253: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8254: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8255: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8256: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8257: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8258: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

8258: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

8259: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

8260: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8261: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8262: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

8263: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8264: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8264: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8265: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8266: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8267: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8268: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8269: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8270: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8271: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8272: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8273: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8274: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8274: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8275: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8276: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8277: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8278: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8279: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8280: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8281: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8282: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8283: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8284: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8285: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8286: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8286: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8286: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8287: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8288: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8289: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8290: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8291: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8292: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8293: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8294: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8295: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8296: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8296: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8297: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8298: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8299: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8300: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8301: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8302: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8302: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8303: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8304: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8305: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8306: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8307: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8308: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8309: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8310: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8310: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8311: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8312: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8313: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8314: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8315: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8316: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8317: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8318: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8318: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8319: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

8320: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8321: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8322: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8323: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8324: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8325: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8326: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8327: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8328: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8329: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

8329: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

8329: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

8330: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8331: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8332: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8333: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8334: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8335: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8336: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8337: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8338: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8339: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

8339: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

8339: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

8340: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8341: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8342: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8343: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8344: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8345: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8345: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8346: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

8346: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

8347: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8348: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8349: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8350: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8351: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8352: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8353: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8354: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8355: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8356: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

8356: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

8357: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

8358: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

8359: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8360: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8361: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8362: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8363: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8364: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

8365: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

8366: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8367: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8368: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8369: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8370: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8371: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8372: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58373: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8374: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58375: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8376: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8377: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

,58378: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8379: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

8380: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8381: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8381: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8382: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8383: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8384: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8385: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8386: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8387: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8388: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8389: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8390: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8391: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8391: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8392: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8393: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8394: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8395: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8396: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8397: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8398: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8399: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8400: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8401: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8402: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8403: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8403: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8403: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8404: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8405: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8406: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8407: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8408: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8409: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8410: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8411: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8412: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8413: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8413: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8414: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8415: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8416: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8417: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8418: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8419: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8420: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8421: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8422: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8423: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8424: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8425: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8425: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8426: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8427: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8428: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8429: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8430: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8431: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8432: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8433: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8434: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8435: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

8436: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8437: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8438: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8439: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

8439: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

8440: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8441: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8442: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8443: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8444: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8445: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8446: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8447: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8448: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8449: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

8449: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

8449: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

8450: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8451: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8452: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8453: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8454: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8455: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8456: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8457: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8458: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8459: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

8459: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

8460: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8461: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8462: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8463: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8464: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8465: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8465: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8466: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8467: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8468: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8469: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8470: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8470: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8471: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8472: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8473: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8474: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8475: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8476: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8477: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8478: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8478: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8479: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8480: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8481: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8482: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8483: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8484: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8485: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8486: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8486: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8487: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

8487: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

8488: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8489: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8490: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8491: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8492: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8493: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8494: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8495: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8496: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8497: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

8497: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

8498: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

8499: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

8500: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8501: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8502: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58503: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8504: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8505: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8505: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8506: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8507: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8508: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8509: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8510: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8511: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8512: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8513: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8514: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8515: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8515: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8516: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8517: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8518: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8519: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8520: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8521: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8522: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8523: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8524: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8525: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8526: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8527: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8527: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8527: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8528: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8529: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8530: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8531: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8532: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8533: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8534: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8535: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8536: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8537: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8537: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8538: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8539: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8540: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8541: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8542: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8543: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8544: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8545: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8546: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8546: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8547: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8548: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8549: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8550: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8551: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8552: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8553: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8554: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8554: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8555: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

8556: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8557: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8558: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8559: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8560: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8561: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8562: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

,78563: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8564: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8565: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

8565: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

8565: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

8566: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8567: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8568: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8569: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8570: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8571: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8572: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8573: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8574: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8575: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

8575: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

8575: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

8576: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8577: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8578: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8579: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8580: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8581: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8581: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8582: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8583: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8584: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8585: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8586: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8587: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8588: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8589: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8589: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8590: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8591: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8592: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8593: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8594: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8595: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8596: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8597: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8597: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8598: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8599: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8600: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8601: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8602: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8603: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8604: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8605: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8605: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8606: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

8606: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

8607: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8608: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8609: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8610: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8611: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8612: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8613: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8614: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8615: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8616: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

8616: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

8617: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

8618: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

8619: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8620: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8621: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58622: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8623: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8624: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8624: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8625: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8626: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8627: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8628: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8629: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8630: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8631: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8632: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8633: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8634: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8634: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8635: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8636: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8637: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8638: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8639: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8640: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8641: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8642: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8643: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8644: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8645: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8646: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8646: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8646: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8647: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8648: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8649: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8650: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8651: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8652: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8653: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8654: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8655: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8656: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8656: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8657: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8658: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8659: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8660: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8661: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8662: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8663: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8664: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8665: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8665: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8666: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8667: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8668: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8669: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8670: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8671: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8672: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8673: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8673: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8674: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

8675: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8676: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8677: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8678: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8679: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8680: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8681: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

,78682: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8683: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8684: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

8684: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

8684: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

8685: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8686: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8687: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8688: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8689: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8690: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8691: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8692: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8693: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8694: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

8694: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

8694: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

8695: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8696: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8697: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8698: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8699: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8700: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8700: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8701: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8702: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8703: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8704: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8705: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8706: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8707: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8708: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8708: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8709: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

8710: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

8711: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8712: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8713: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

8714: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8715: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8716: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

8716: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

8717: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8718: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8719: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8720: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8721: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8722: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8723: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

,68724: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8725: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8726: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

8726: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

8726: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

8727: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8728: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8729: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8730: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8731: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8732: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8733: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8734: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8735: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8736: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

8736: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

8737: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8738: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8739: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8740: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8741: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8742: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8742: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8743: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8744: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8745: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8746: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8747: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8748: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8749: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8750: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8750: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8751: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8752: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8753: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8754: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8755: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8756: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8757: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8758: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

8759: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

8760: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8761: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8762: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8763: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8764: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8765: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8765: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8766: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

8766: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

8767: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8768: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8769: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8770: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8771: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8772: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8773: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

8774: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

8775: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

8776: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

8776: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

8777: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

8778: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

8779: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8780: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8781: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58782: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8783: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8784: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8784: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8785: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8786: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8787: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8788: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8789: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8790: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8791: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8792: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8793: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8794: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8794: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8795: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8796: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8797: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8798: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8799: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8800: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8801: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8802: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8803: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8804: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8805: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8806: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8806: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8806: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8807: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8808: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8809: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8810: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8811: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8812: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8813: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8814: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8815: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8816: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8816: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8817: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8818: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8819: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8820: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8821: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8822: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8823: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8824: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8825: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8825: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8826: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8827: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8828: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8829: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8830: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8831: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8832: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8833: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8833: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8834: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8835: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8836: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8837: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8838: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8839: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8840: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8841: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8841: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8842: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

8843: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8844: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8845: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8846: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8847: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8848: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8849: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

8850: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

8851: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

8852: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

8852: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

8852: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

8853: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8854: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8855: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8856: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8857: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8858: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8859: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

8860: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

8861: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

8862: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

8862: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

8862: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

8863: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8864: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8865: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8866: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8867: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8868: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

8868: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

8869: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

8869: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

8870: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8871: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8872: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8873: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8874: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8875: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8876: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

8877: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

8878: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

8879: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

8879: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

8880: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

8881: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

8882: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8883: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8884: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8885: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8886: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8887: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

8888: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

8889: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8890: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

8891: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

8892: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8893: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8894: proc 5 (CM:1) PromelaModel.pml:288 (state 170) [else]

8895: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8896: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8897: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58898: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8899: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,58900: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8901: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8902: proc 5 (CM:1) PromelaModel.pml:288 (state 171) [(1)]

,58903: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

8904: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

8905: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8906: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

8906: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

8907: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8908: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8909: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8910: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8911: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8912: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8913: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

8914: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

8915: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

8916: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

8916: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

8917: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

8918: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

8919: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8920: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8921: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8922: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8923: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8924: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8925: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

8926: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

8927: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

8928: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

8928: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

8928: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

8929: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8930: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8931: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8932: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8933: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8934: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8935: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

8936: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

8937: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

8938: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

8938: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

8939: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8940: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8941: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8942: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8943: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8944: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8945: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8946: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8947: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8948: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8949: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8950: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8950: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8951: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8952: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8953: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

8954: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

8955: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8956: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8957: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

8958: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8959: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8960: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

8961: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

8962: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

8963: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8964: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

8964: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

8965: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

8966: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

8967: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8968: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8969: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

8969: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

8970: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8971: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8972: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8973: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8974: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8975: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8976: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

8977: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

8978: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

8979: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

8979: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

8979: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

8980: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8981: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8982: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8983: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8984: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8985: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8986: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

8987: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

8988: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

8989: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

8989: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

8990: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8991: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

8992: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

8993: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

8994: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

8995: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

8995: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

8996: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

8997: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

8998: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

8999: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

9000: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

9001: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9002: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9003: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

9003: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

9004: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

9005: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

9006: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9007: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

9008: proc 2 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

9009: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9010: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9011: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

9011: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

9012: proc 5 (CM:1) PromelaModel.pml:255 (state 138) [((numClientsReportSuccUseOldWtr==numClientsConnected))]

9012: proc 5 (CM:1) PromelaModel.pml:256 (state 139) [status = idle]

9013: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

9014: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

9015: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

9016: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

9017: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

9018: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

9019: proc 5 (CM:1) PromelaModel.pml:258 (state 140) [((dummy2!=numClientsConnected))]

9020: proc 5 (CM:1) PromelaModel.pml:259 (state 141) [clientsStatus[clientsConnected[dummy2]] = idle]

9021: proc 5 (CM:1) PromelaModel.pml:260 (state 142) [dummy2 = (dummy2+1)]

9022: proc 5 (CM:1) PromelaModel.pml:261 (state 143) [((dummy2==numClientsConnected))]

9022: proc 5 (CM:1) PromelaModel.pml:262 (state 144) [dummy2 = 0]

9023: proc 5 (CM:1) PromelaModel.pml:265 (state 149) [WCPstatus = enable]

9024: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9025: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9026: proc 5 (CM:1) PromelaModel.pml:266 (state 150) [numClientsReportSuccUseOldWtr = 0]

,59027: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9028: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9029: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9030: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

9030: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

9031: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9032: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9033: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9034: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9035: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9036: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9037: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9038: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9039: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9040: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

9040: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

9041: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

9042: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

9043: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9044: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9045: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9046: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9047: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9048: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9049: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9050: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9051: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9052: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

9052: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

9052: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

9053: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9054: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9055: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9056: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9057: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9058: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9059: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9060: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9061: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9062: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

9062: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

9063: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9064: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

9065: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

9066: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9067: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9068: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9069: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9070: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9071: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9071: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9072: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9073: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9074: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9075: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9076: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9077: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9078: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9079: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9079: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9080: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9081: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9082: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9083: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9084: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9085: proc 2 (client:1) PromelaModel.pml:44 (state 11) [req\_rep.message = failGetWtr]

9086: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9087: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9088: proc 5 (CM:1) PromelaModel.pml:192 (state 81) [((clientInReqRep.message==failGetWtr))]

9088: proc 5 (CM:1) PromelaModel.pml:193 (state 82) [numClientsReportSuccGetWtr = 0]

9089: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

9090: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

9091: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

9092: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

9093: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

9094: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

9095: proc 5 (CM:1) PromelaModel.pml:195 (state 83) [((dummy2!=numClientsConnected))]

9096: proc 5 (CM:1) PromelaModel.pml:196 (state 84) [CMtoclients[clientsConnected[dummy2]]!useOldWtr]

9097: proc 5 (CM:1) PromelaModel.pml:197 (state 85) [dummy2 = (dummy2+1)]

9098: proc 5 (CM:1) PromelaModel.pml:198 (state 86) [((dummy2==numClientsConnected))]

9098: proc 5 (CM:1) PromelaModel.pml:199 (state 87) [dummy2 = 0]

9098: proc 5 (CM:1) PromelaModel.pml:202 (state 92) [status = postrev]

9099: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

9100: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

9101: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

9102: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

9103: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

9104: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

9105: proc 5 (CM:1) PromelaModel.pml:204 (state 93) [((dummy2!=numClientsConnected))]

9106: proc 5 (CM:1) PromelaModel.pml:205 (state 94) [clientsStatus[clientsConnected[dummy2]] = postrev]

9107: proc 5 (CM:1) PromelaModel.pml:206 (state 95) [dummy2 = (dummy2+1)]

9108: proc 5 (CM:1) PromelaModel.pml:207 (state 96) [((dummy2==numClientsConnected))]

9108: proc 5 (CM:1) PromelaModel.pml:208 (state 97) [dummy2 = 0]

9109: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9110: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

9111: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9112: proc 4 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

9113: proc 4 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

9114: proc 4 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9115: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9116: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

9117: proc 3 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

9118: proc 3 (client:1) PromelaModel.pml:57 (state 22) [req\_rep.message = succUseOldWtr]

9119: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9120: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

9120: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

9121: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

9122: proc 3 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9123: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9124: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

9125: proc 2 (client:1) PromelaModel.pml:55 (state 21) [((CMInmessage==useOldWtr))]

9126: proc 2 (client:1) PromelaModel.pml:58 (state 23) [req\_rep.message = failUseOldWtr]

9127: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9128: proc 5 (CM:1) PromelaModel.pml:252 (state 136) [(((status==postrev)&&(clientInReqRep.message==succUseOldWtr)))]

9128: proc 5 (CM:1) PromelaModel.pml:253 (state 137) [numClientsReportSuccUseOldWtr = (numClientsReportSuccUseOldWtr+1)]

9129: proc 5 (CM:1) PromelaModel.pml:267 (state 151) [((numClientsReportSuccUseOldWtr!=numClientsConnected))]

9130: proc 5 (CM:1) PromelaModel.pml:268 (state 152) [(1)]

9131: proc 2 (client:1) PromelaModel.pml:60 (state 26) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9132: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9133: proc 5 (CM:1) PromelaModel.pml:273 (state 155) [(((status==postrev)&&(clientInReqRep.message==failUseOldWtr)))]

9133: proc 5 (CM:1) PromelaModel.pml:274 (state 156) [numClientsReportSuccUseOldWtr = 0]

9134: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

9135: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

9136: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

9136: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

9137: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

9138: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

9139: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

9139: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

9140: proc 5 (CM:1) PromelaModel.pml:276 (state 157) [((dummy2!=numClientsConnected))]

9141: proc 5 (CM:1) PromelaModel.pml:277 (state 158) [CMtoclients[clientsConnected[dummy2]]!disconn]

9142: proc 5 (CM:1) PromelaModel.pml:278 (state 159) [clientsConnected[dummy2] = 0]

9142: proc 5 (CM:1) PromelaModel.pml:279 (state 160) [dummy2 = (dummy2+1)]

9143: proc 5 (CM:1) PromelaModel.pml:280 (state 161) [((dummy2==numClientsConnected))]

9143: proc 5 (CM:1) PromelaModel.pml:281 (state 162) [dummy2 = 0]

9143: proc 5 (CM:1) PromelaModel.pml:284 (state 167) [numClientsConnected = 0]

9144: proc 5 (CM:1) PromelaModel.pml:285 (state 168) [WCPstatus = enable]

9145: proc 5 (CM:1) PromelaModel.pml:286 (state 169) [status = idle]

9146: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9147: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9148: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9149: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9150: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9151: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9152: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9153: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9154: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9154: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9154: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9155: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9156: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9157: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9157: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9158: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9159: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9160: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9161: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9162: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9163: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9164: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9165: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9166: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9167: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9168: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9169: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9170: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9171: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9172: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9173: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9174: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9175: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9176: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9177: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

9177: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

9178: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

9179: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9180: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9181: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9182: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9183: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9184: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9185: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

9186: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9187: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9187: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9187: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9188: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9189: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9189: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9190: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9191: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9192: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9193: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9194: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9195: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9196: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9197: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9198: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9199: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9200: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9201: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9202: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9203: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9204: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9205: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9206: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9207: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9208: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9209: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9210: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9211: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9211: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9212: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9213: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9214: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9215: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9216: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9217: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9218: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9219: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9220: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9221: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9222: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9222: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9222: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9223: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9224: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9224: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9225: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9226: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9227: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9228: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9229: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9230: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9231: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9232: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9233: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9234: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9235: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9236: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9237: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9238: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9239: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9240: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9241: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9242: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9243: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9244: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9245: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9246: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9246: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9247: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9248: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9249: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9250: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9251: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9252: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9253: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9254: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9255: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9256: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9257: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9257: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9257: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9258: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9259: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9259: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9260: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9261: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9262: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9263: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9264: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9265: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9266: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9267: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9268: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9269: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9270: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9271: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9272: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9273: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9274: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9275: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9276: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9277: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9278: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9279: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

9279: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

9280: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

9281: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

9282: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9283: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9284: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

9284: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

9285: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9286: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9287: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9288: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9289: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9290: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9291: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

9291: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

9292: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

9293: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

9294: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9295: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9296: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9297: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9298: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9299: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9300: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

9300: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

9300: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

9301: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9302: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9303: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9304: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9305: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9306: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9307: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

9307: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

9308: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9309: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9310: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9311: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9312: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9313: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9313: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9314: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9315: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9316: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9317: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9318: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9319: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9320: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9321: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9321: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9322: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

9323: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9324: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9325: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9326: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9327: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9328: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9329: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

9329: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

9329: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

9330: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9331: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9332: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9333: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9334: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9335: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9336: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

9336: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

9336: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

9337: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9338: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9339: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9340: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9341: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9342: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9342: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9343: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

9344: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

9345: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9346: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9347: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9348: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9349: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9350: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9350: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9351: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

9351: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

9352: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

9353: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

9354: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

9355: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

9356: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

9357: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

9358: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

9358: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

9359: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

9360: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

9361: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9362: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9363: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9364: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9365: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

9365: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

9366: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9367: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9368: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9369: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9370: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9371: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9372: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

9372: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

9373: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

9374: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

9375: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9376: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9377: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9378: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9379: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9380: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9381: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

9381: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

9381: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

9382: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9383: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9384: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9385: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9386: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9387: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9388: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

9388: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

9389: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9390: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9391: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9392: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9393: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9394: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9394: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9395: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9396: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9397: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9398: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9399: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9400: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9401: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9402: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9402: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9403: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

9404: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9405: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9406: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9407: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9408: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9409: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9410: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

9410: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

9410: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

9411: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9412: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9413: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9414: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9415: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9416: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9417: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

9417: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

9417: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

9418: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9419: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9420: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9421: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9422: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9423: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9423: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9424: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

9425: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

9426: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9427: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9428: proc 3 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9429: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9430: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9431: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9431: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9432: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

9432: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

9433: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

9434: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

9435: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

9436: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

9437: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

9438: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

9439: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

9439: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

9440: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

9441: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9442: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9443: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

,59444: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9445: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

9446: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9447: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9448: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9449: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

9449: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

9450: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9451: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9452: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9453: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9454: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9455: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9456: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

9456: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

9457: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

9458: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

9459: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9460: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9461: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9462: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9463: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9464: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9465: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

9465: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

9465: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

9466: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9467: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9468: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9469: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9470: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9471: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9472: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

9472: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

9473: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9474: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9475: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9476: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9477: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

9478: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

9479: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9480: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9481: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9482: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9483: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9484: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9484: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9485: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9486: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9487: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9488: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9489: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9490: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9491: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9492: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9492: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9493: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

9494: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9495: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9496: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9497: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9498: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9499: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9500: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

9500: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

9500: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

9501: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9502: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9503: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9504: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9505: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9506: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9507: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

9507: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

9507: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

9508: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9509: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9510: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9511: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9512: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9513: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9513: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9514: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

9515: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

9516: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9517: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9518: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9519: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9520: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9521: proc 5 (CM:1) PromelaModel.pml:235 (state 121) [(((status==postupd)&&(clientInReqRep.message==failUseNewWtr)))]

9521: proc 5 (CM:1) PromelaModel.pml:236 (state 122) [numClientsReportSuccUseNewWtr = 0]

9522: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

9523: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

9524: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

9524: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

9525: proc 5 (CM:1) PromelaModel.pml:238 (state 123) [((dummy2!=numClientsConnected))]

9526: proc 5 (CM:1) PromelaModel.pml:239 (state 124) [CMtoclients[clientsConnected[dummy2]]!disconn]

9527: proc 5 (CM:1) PromelaModel.pml:240 (state 125) [clientsConnected[dummy2] = 0]

9527: proc 5 (CM:1) PromelaModel.pml:241 (state 126) [dummy2 = (dummy2+1)]

9528: proc 5 (CM:1) PromelaModel.pml:242 (state 127) [((dummy2==numClientsConnected))]

9528: proc 5 (CM:1) PromelaModel.pml:243 (state 128) [dummy2 = 0]

9528: proc 5 (CM:1) PromelaModel.pml:246 (state 133) [numClientsConnected = 0]

9529: proc 5 (CM:1) PromelaModel.pml:247 (state 134) [WCPstatus = enable]

9530: proc 5 (CM:1) PromelaModel.pml:248 (state 135) [status = idle]

9531: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9532: proc 4 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9533: proc 4 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9534: proc 4 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9535: proc 4 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9536: proc 4 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9537: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9538: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9538: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9538: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9539: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9540: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9540: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9541: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9542: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9543: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9544: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9545: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9546: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9547: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9548: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9549: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9550: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9551: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9552: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9553: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9554: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9555: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9556: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9557: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9558: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9559: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9560: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

9560: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

9561: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

9562: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

9563: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9564: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9565: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9566: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9567: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9568: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9569: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9570: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9571: proc 2 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9572: proc 2 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9573: proc 2 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9574: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9574: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9574: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9575: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9576: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9576: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9577: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9578: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9579: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9580: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9581: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9582: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9583: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9584: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9585: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9586: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9587: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9588: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9589: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9590: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9591: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9592: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9593: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9594: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9595: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9596: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9597: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9598: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9598: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9599: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9600: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9601: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9602: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9603: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9604: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9605: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9606: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9607: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9608: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9609: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9609: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9609: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9610: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9611: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9611: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9612: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9613: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9614: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9615: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9616: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9617: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9618: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9619: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9620: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9621: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9622: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9623: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9624: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9625: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9626: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9627: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9628: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9629: proc 2 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9630: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9631: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9632: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9633: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9634: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9634: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9635: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9636: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9637: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9638: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9639: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9640: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9641: proc 2 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9642: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9643: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9644: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9644: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9644: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9645: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9646: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9646: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9647: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9648: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9649: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9650: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9651: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9652: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9653: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9654: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9655: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9656: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9657: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9658: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9659: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9660: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9661: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9662: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9663: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9664: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9665: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9666: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9667: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9668: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9669: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9670: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9671: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9672: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9673: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9674: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9675: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9676: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9677: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9678: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9679: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9680: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9681: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9682: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9683: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9684: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9685: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9686: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9687: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9688: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9689: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9690: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9691: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9692: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9693: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9694: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9695: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9696: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9697: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9698: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9699: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9700: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9701: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9702: proc 5 (CM:1) PromelaModel.pml:146 (state 44) [(((status==postini)&&(clientInReqRep.message==succUseNewWtr)))]

9702: proc 5 (CM:1) PromelaModel.pml:147 (state 45) [status = idle]

9703: proc 5 (CM:1) PromelaModel.pml:148 (state 46) [clientsStatus[clientConnecting] = idle]

9704: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9705: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9706: proc 5 (CM:1) PromelaModel.pml:149 (state 47) [WCPstatus = enable]

9707: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9708: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9709: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9709: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9709: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9710: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9711: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9711: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9712: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9713: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9714: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9715: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9716: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9717: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9718: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

9719: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9720: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9721: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9722: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9723: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9724: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

9725: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9726: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9727: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9728: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9729: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9730: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9731: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9732: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9733: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9734: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9735: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9736: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9737: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9737: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9738: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9739: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9740: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9741: proc 5 (CM:1) PromelaModel.pml:296 (state 175) [(((status==idle)&&(WCPInMessage==reqUpdate)))]

9741: proc 5 (CM:1) PromelaModel.pml:297 (state 176) [status = preupd]

9742: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9743: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9744: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9745: proc 5 (CM:1) PromelaModel.pml:299 (state 177) [((dummy!=numClientsConnected))]

9746: proc 5 (CM:1) PromelaModel.pml:300 (state 178) [clientsStatus[clientsConnected[dummy]] = preupd]

9747: proc 5 (CM:1) PromelaModel.pml:301 (state 179) [dummy = (dummy+1)]

9748: proc 5 (CM:1) PromelaModel.pml:302 (state 180) [((dummy==numClientsConnected))]

9748: proc 5 (CM:1) PromelaModel.pml:303 (state 181) [dummy = 0]

9749: proc 5 (CM:1) PromelaModel.pml:307 (state 186) [WCPstatus = disable]

9750: proc 5 (CM:1) PromelaModel.pml:91 (state 5) [((status==preupd))]

9751: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9752: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9753: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9754: proc 5 (CM:1) PromelaModel.pml:93 (state 6) [((dummy!=numClientsConnected))]

9755: proc 5 (CM:1) PromelaModel.pml:94 (state 7) [CMtoclients[clientsConnected[dummy]]!getNewWtr]

9756: proc 5 (CM:1) PromelaModel.pml:95 (state 8) [dummy = (dummy+1)]

9757: proc 5 (CM:1) PromelaModel.pml:96 (state 9) [((dummy==numClientsConnected))]

9757: proc 5 (CM:1) PromelaModel.pml:97 (state 10) [dummy = 0]

9757: proc 5 (CM:1) PromelaModel.pml:100 (state 15) [status = upd]

9758: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9759: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9760: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9761: proc 5 (CM:1) PromelaModel.pml:102 (state 16) [((dummy!=numClientsConnected))]

9762: proc 5 (CM:1) PromelaModel.pml:103 (state 17) [clientsStatus[clientsConnected[dummy]] = upd]

9763: proc 5 (CM:1) PromelaModel.pml:104 (state 18) [dummy = (dummy+1)]

9764: proc 5 (CM:1) PromelaModel.pml:105 (state 19) [((dummy==numClientsConnected))]

9764: proc 5 (CM:1) PromelaModel.pml:106 (state 20) [dummy = 0]

9765: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9766: proc 4 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9767: proc 4 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9768: proc 4 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9769: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9770: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9770: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9771: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9772: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9773: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9774: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9775: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9776: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9777: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9778: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9779: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9780: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9781: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9782: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9783: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9784: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9785: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9786: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9787: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9788: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9789: proc 2 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9790: proc 2 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9791: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9792: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9793: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9794: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9795: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9796: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9797: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9798: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9799: proc 2 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9800: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9801: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9801: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9802: proc 5 (CM:1) PromelaModel.pml:167 (state 56) [((numClientsReportSuccGetWtr==numClientsConnected))]

9803: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9804: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9805: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9806: proc 5 (CM:1) PromelaModel.pml:169 (state 57) [((dummy2!=numClientsConnected))]

9807: proc 5 (CM:1) PromelaModel.pml:170 (state 58) [CMtoclients[clientsConnected[dummy2]]!useNewWtr]

9808: proc 5 (CM:1) PromelaModel.pml:171 (state 59) [dummy2 = (dummy2+1)]

9809: proc 5 (CM:1) PromelaModel.pml:172 (state 60) [((dummy2==numClientsConnected))]

9809: proc 5 (CM:1) PromelaModel.pml:173 (state 61) [dummy2 = 0]

9809: proc 5 (CM:1) PromelaModel.pml:176 (state 66) [status = postupd]

9810: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9811: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9812: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9813: proc 5 (CM:1) PromelaModel.pml:178 (state 67) [((dummy2!=numClientsConnected))]

9814: proc 5 (CM:1) PromelaModel.pml:179 (state 68) [clientsStatus[clientsConnected[dummy2]] = postupd]

9815: proc 5 (CM:1) PromelaModel.pml:180 (state 69) [dummy2 = (dummy2+1)]

9816: proc 5 (CM:1) PromelaModel.pml:181 (state 70) [((dummy2==numClientsConnected))]

9816: proc 5 (CM:1) PromelaModel.pml:182 (state 71) [dummy2 = 0]

9816: proc 5 (CM:1) PromelaModel.pml:185 (state 76) [numClientsReportSuccGetWtr = 0]

9817: proc 4 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9818: proc 4 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9819: proc 4 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9820: proc 4 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9821: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9822: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9822: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9823: proc 5 (CM:1) PromelaModel.pml:229 (state 117) [((numClientsReportSuccUseNewWtr!=numClientsConnected))]

9824: proc 5 (CM:1) PromelaModel.pml:230 (state 118) [(1)]

9825: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9826: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9827: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9828: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9829: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9830: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9831: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9832: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9833: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9834: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9835: proc 2 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9836: proc 2 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9837: proc 2 (client:1) PromelaModel.pml:50 (state 16) [req\_rep.message = succUseNewWtr]

9838: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9839: proc 5 (CM:1) PromelaModel.pml:127 (state 33) [(((status!=idle)&&(clientInReqRep.message==reqConn)))]

9840: proc 5 (CM:1) PromelaModel.pml:128 (state 34) [CMtoclients[clientInReqRep.client\_id]!disconn]

9841: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9842: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9843: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9844: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9845: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9846: proc 2 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9847: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9848: proc 5 (CM:1) PromelaModel.pml:214 (state 102) [(((status==postupd)&&(clientInReqRep.message==succUseNewWtr)))]

9848: proc 5 (CM:1) PromelaModel.pml:215 (state 103) [numClientsReportSuccUseNewWtr = (numClientsReportSuccUseNewWtr+1)]

9849: proc 5 (CM:1) PromelaModel.pml:217 (state 104) [((numClientsReportSuccUseNewWtr==numClientsConnected))]

9849: proc 5 (CM:1) PromelaModel.pml:218 (state 105) [status = idle]

9850: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

9851: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

9852: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

9853: proc 5 (CM:1) PromelaModel.pml:220 (state 106) [((dummy2!=numClientsConnected))]

9854: proc 5 (CM:1) PromelaModel.pml:221 (state 107) [clientsStatus[clientsConnected[dummy2]] = idle]

9855: proc 5 (CM:1) PromelaModel.pml:222 (state 108) [dummy2 = (dummy2+1)]

9856: proc 5 (CM:1) PromelaModel.pml:223 (state 109) [((dummy2==numClientsConnected))]

9856: proc 5 (CM:1) PromelaModel.pml:224 (state 110) [dummy2 = 0]

9857: proc 5 (CM:1) PromelaModel.pml:227 (state 115) [WCPstatus = enable]

9858: proc 5 (CM:1) PromelaModel.pml:228 (state 116) [numClientsReportSuccUseNewWtr = 0]

9859: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9860: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9861: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9862: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9862: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9862: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9863: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9864: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9864: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9865: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9866: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9867: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9868: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9869: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9870: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9871: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9872: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9873: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9874: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9875: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9876: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9877: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9878: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9879: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9880: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9881: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9882: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9883: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9884: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9885: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9886: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9886: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9887: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9888: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9889: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9890: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9891: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9892: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9893: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9894: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9895: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9896: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9897: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9897: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9897: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9898: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9899: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9899: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9900: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9901: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9902: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9903: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9904: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9905: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9906: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9907: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9908: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9909: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9910: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9911: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9912: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9913: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9914: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9915: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9916: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9917: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9918: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9919: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9920: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9921: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9921: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9922: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9923: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9924: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9925: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9926: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9927: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

9928: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9929: proc 1 (WCP:1) PromelaModel.pml:319 (state 1) [((WCPstatus==enable))]

9930: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9931: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9932: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9932: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9932: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9933: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9934: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9934: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9935: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9936: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9937: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9938: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9939: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9940: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9941: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9942: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9943: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9944: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9945: proc 5 (CM:1) PromelaModel.pml:132 (state 35) [(((status==ini)&&(clientInReqRep.message==succGetWtr)))]

9946: proc 5 (CM:1) PromelaModel.pml:133 (state 36) [CMtoclients[clientConnecting]!useNewWtr]

9947: proc 5 (CM:1) PromelaModel.pml:134 (state 37) [status = postini]

9948: proc 5 (CM:1) PromelaModel.pml:135 (state 38) [clientsStatus[clientConnecting] = postini]

9949: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9950: proc 3 (client:1) PromelaModel.pml:48 (state 15) [((CMInmessage==useNewWtr))]

9951: proc 3 (client:1) PromelaModel.pml:51 (state 17) [req\_rep.message = failUseNewWtr]

9952: proc 3 (client:1) PromelaModel.pml:53 (state 20) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9953: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9954: proc 5 (CM:1) PromelaModel.pml:152 (state 48) [(((status==postini)&&(clientInReqRep.message==failUseNewWtr)))]

9955: proc 5 (CM:1) PromelaModel.pml:153 (state 49) [CMtoclients[clientConnecting]!disconn]

9956: proc 5 (CM:1) PromelaModel.pml:154 (state 50) [numClientsConnected = (numClientsConnected-1)]

9956: proc 5 (CM:1) PromelaModel.pml:155 (state 51) [clientsConnected[numClientsConnected] = 0]

9957: proc 5 (CM:1) PromelaModel.pml:156 (state 52) [WCPstatus = enable]

9958: proc 5 (CM:1) PromelaModel.pml:157 (state 53) [status = idle]

9959: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9960: proc 3 (client:1) PromelaModel.pml:37 (state 6) [((CMInmessage==disconn))]

9961: proc 3 (client:1) PromelaModel.pml:38 (state 7) [clientsStatus[client\_id] = disconn]

9962: proc 3 (client:1) PromelaModel.pml:30 (state 2) [((clientsStatus[client\_id]==disconn))]

,59963: proc 1 (WCP:1) PromelaModel.pml:320 (state 2) [WCPtoCM!reqUpdate]

9964: proc 3 (client:1) PromelaModel.pml:31 (state 3) [req\_rep.message = reqConn]

9965: proc 3 (client:1) PromelaModel.pml:32 (state 4) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9966: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9967: proc 5 (CM:1) PromelaModel.pml:117 (state 26) [(((status==idle)&&(clientInReqRep.message==reqConn)))]

9967: proc 5 (CM:1) PromelaModel.pml:118 (state 27) [clientConnecting = clientInReqRep.client\_id]

9967: proc 5 (CM:1) PromelaModel.pml:119 (state 28) [status = preini]

9968: proc 5 (CM:1) PromelaModel.pml:120 (state 29) [clientsStatus[clientConnecting] = preini]

9969: proc 5 (CM:1) PromelaModel.pml:121 (state 30) [clientsConnected[numClientsConnected] = clientConnecting]

9969: proc 5 (CM:1) PromelaModel.pml:122 (state 31) [numClientsConnected = (numClientsConnected+1)]

9970: proc 5 (CM:1) PromelaModel.pml:123 (state 32) [WCPstatus = disable]

9971: proc 5 (CM:1) PromelaModel.pml:84 (state 1) [((status==preini))]

9972: proc 5 (CM:1) PromelaModel.pml:85 (state 2) [CMtoclients[clientConnecting]!getNewWtr]

9973: proc 5 (CM:1) PromelaModel.pml:86 (state 3) [status = ini]

9974: proc 5 (CM:1) PromelaModel.pml:87 (state 4) [clientsStatus[clientConnecting] = ini]

9975: proc 3 (client:1) PromelaModel.pml:35 (state 5) [CMtoclients[client\_id]?CMInmessage]

9976: proc 3 (client:1) PromelaModel.pml:41 (state 9) [((CMInmessage==getNewWtr))]

9977: proc 3 (client:1) PromelaModel.pml:43 (state 10) [req\_rep.message = succGetWtr]

9978: proc 3 (client:1) PromelaModel.pml:46 (state 14) [clientstoCM!req\_rep.client\_id,req\_rep.message]

9979: proc 5 (CM:1) PromelaModel.pml:110 (state 25) [clientstoCM?clientInReqRep.client\_id,clientInReqRep.message]

9980: proc 5 (CM:1) PromelaModel.pml:164 (state 54) [((clientInReqRep.message==succGetWtr))]

9980: proc 5 (CM:1) PromelaModel.pml:165 (state 55) [numClientsReportSuccGetWtr = (numClientsReportSuccGetWtr+1)]

9981: proc 5 (CM:1) PromelaModel.pml:186 (state 77) [((numClientsReportSuccGetWtr!=numClientsConnected))]

9982: proc 5 (CM:1) PromelaModel.pml:187 (state 78) [(1)]

9983: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9984: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

9985: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

9986: proc 5 (CM:1) PromelaModel.pml:291 (state 174) [WCPtoCM?WCPInMessage]

9987: proc 5 (CM:1) PromelaModel.pml:309 (state 187) [else]

9988: proc 5 (CM:1) PromelaModel.pml:309 (state 188) [(1)]

spin: trail ends after 9988 steps

#processes: 6

9988: proc 5 (CM:1) PromelaModel.pml:81 (state 191)

9988: proc 4 (client:1) PromelaModel.pml:34 (state 29)

9988: proc 3 (client:1) PromelaModel.pml:34 (state 29)

9988: proc 2 (client:1) PromelaModel.pml:34 (state 29)

9988: proc 1 (WCP:1) PromelaModel.pml:315 (state 3)

9988: proc 0 (:init::1) PromelaModel.pml:330 (state 6)

6 processes created

Exit-Status 0