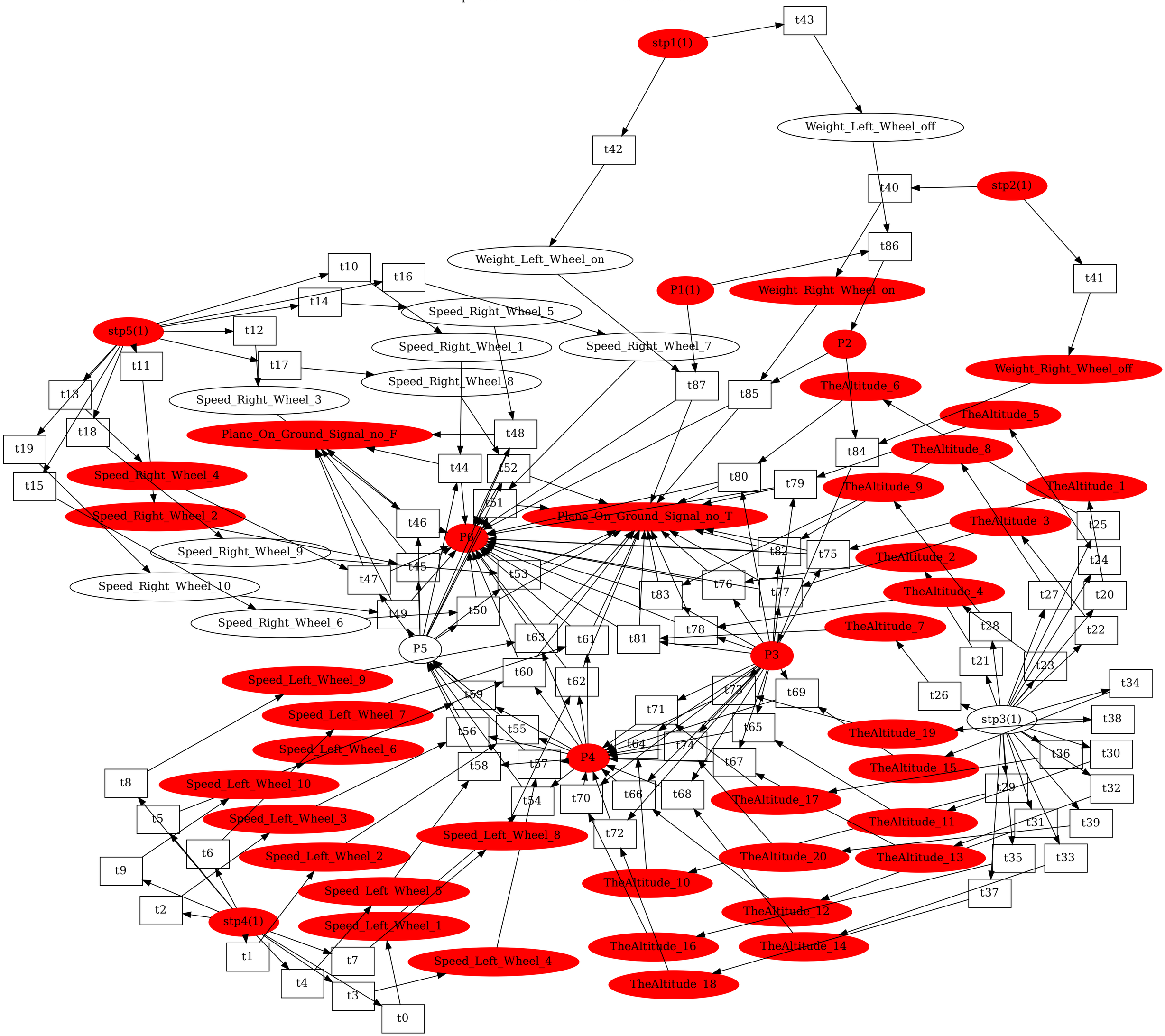
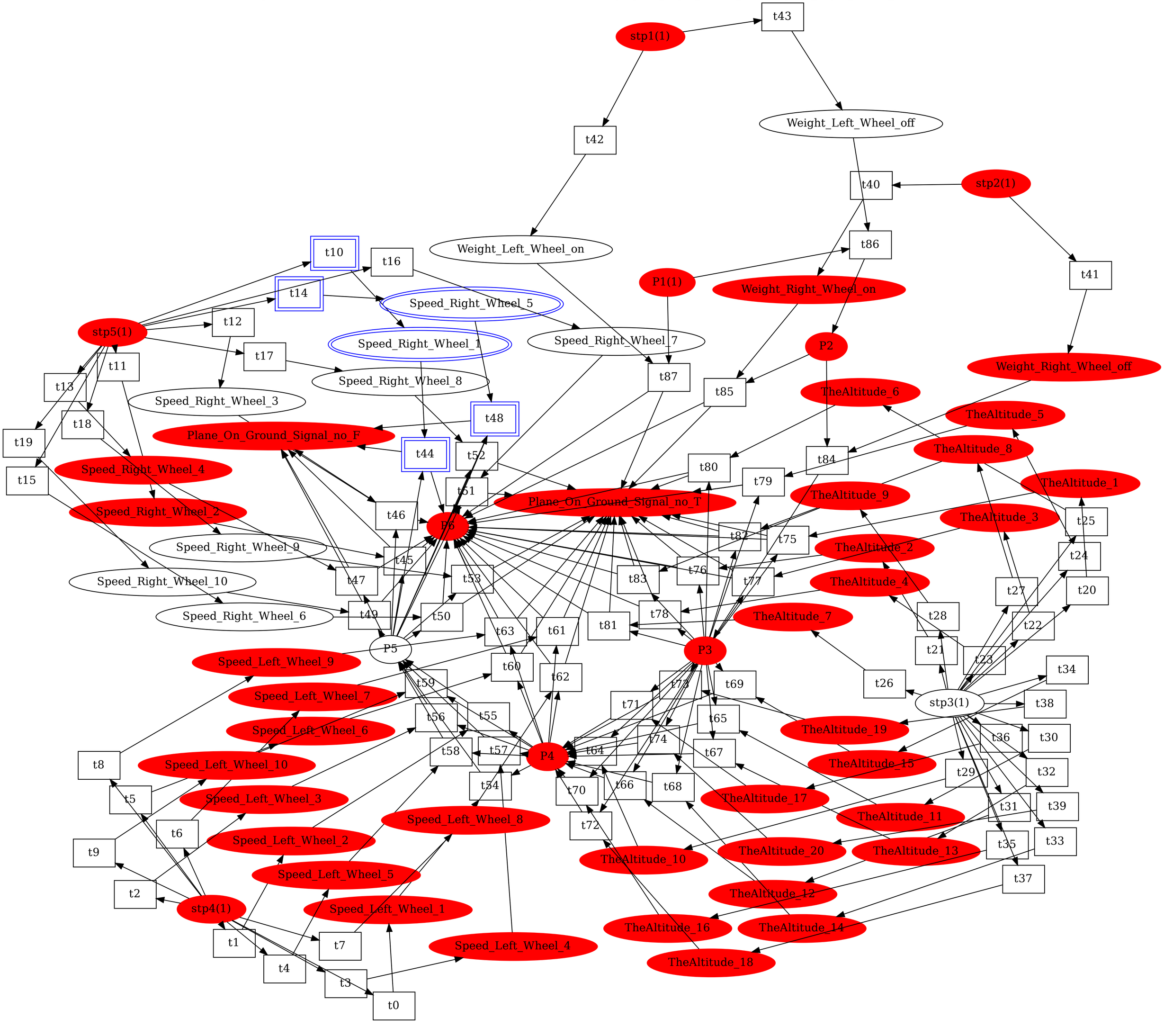
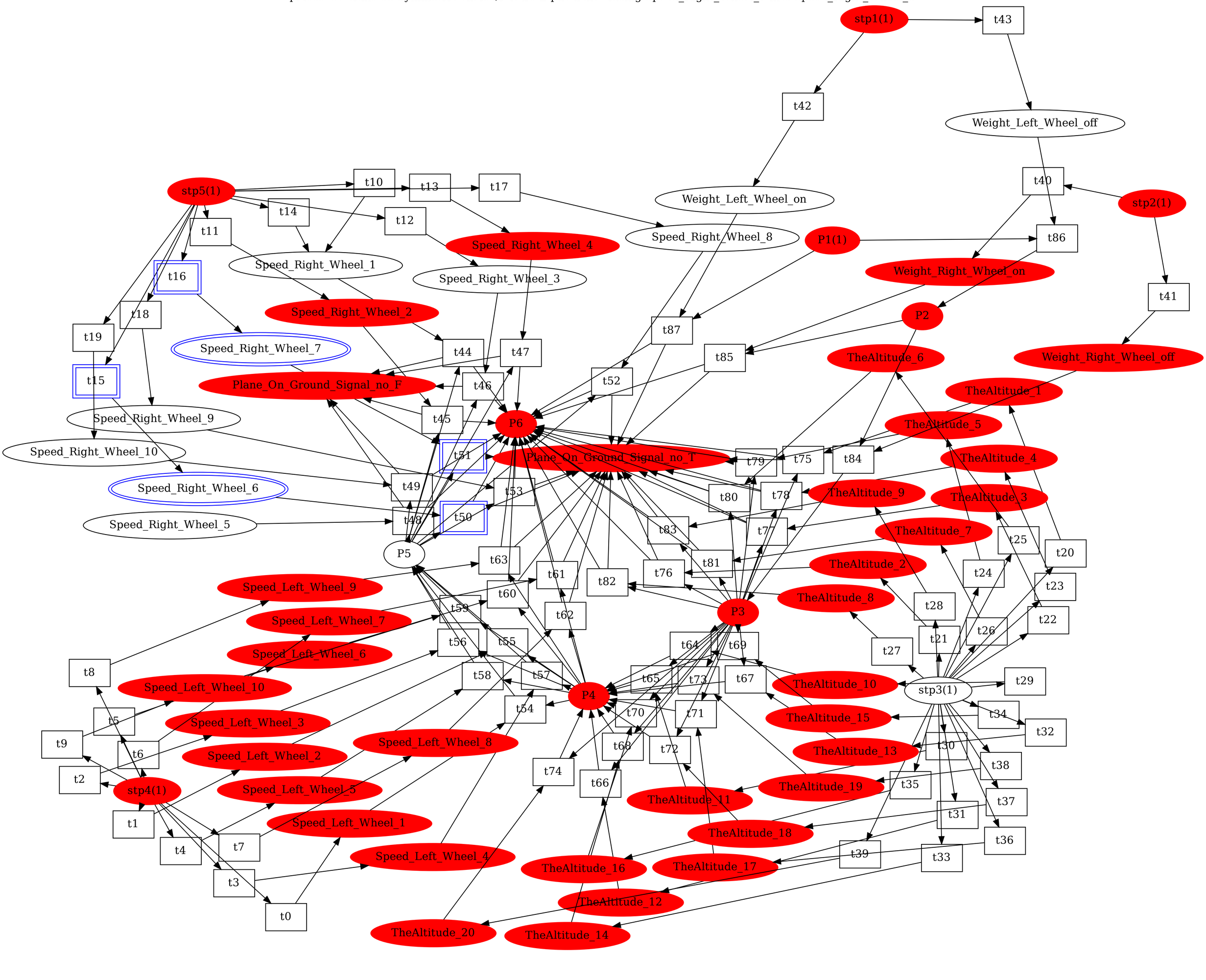
places: 57 trans:88 Before Reduction Start



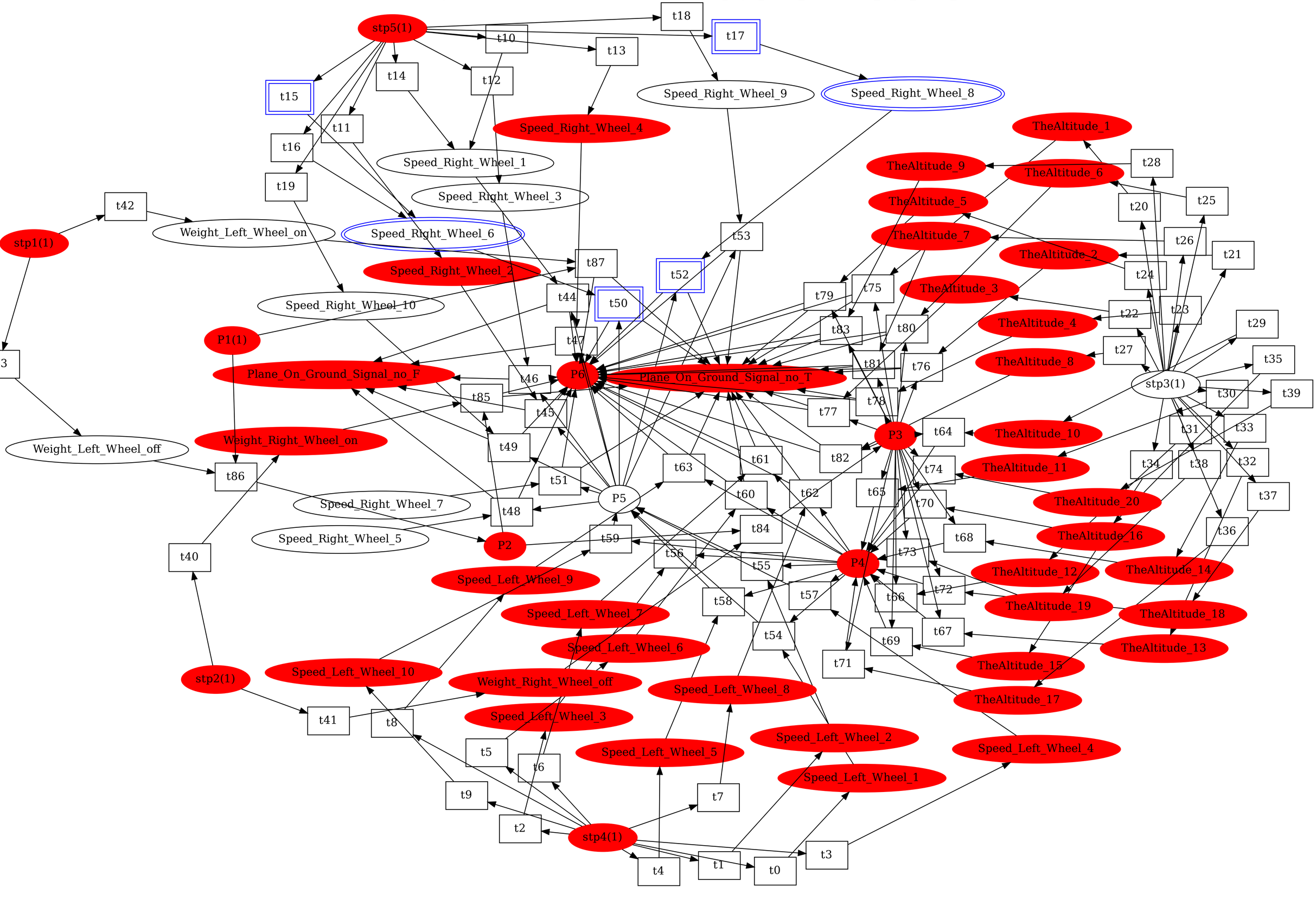
places: 57 trans:88 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_5 into Speed_Right_Wheel_1



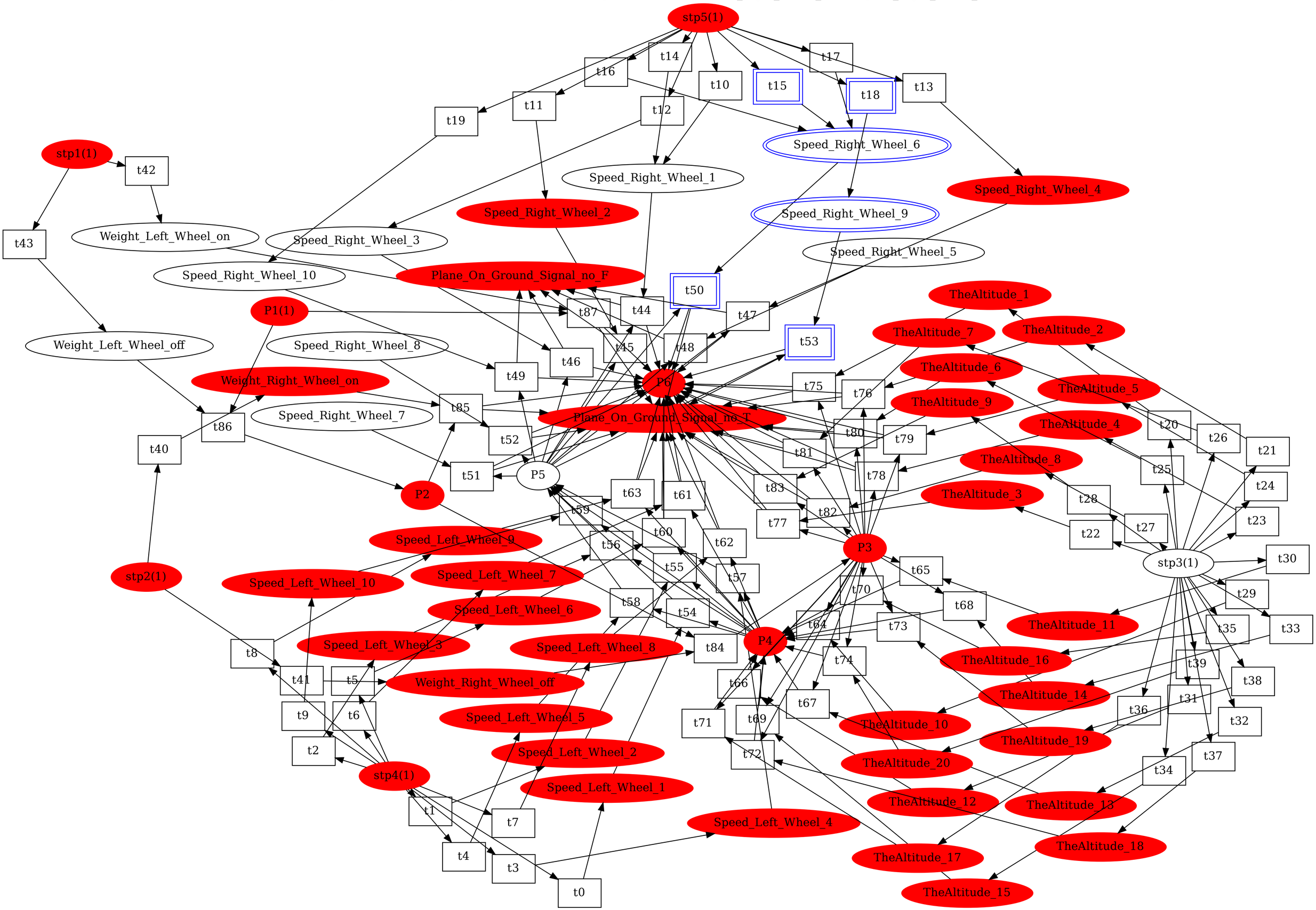
places: 57 trans:88 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_7 into Speed_Right_Wheel_6



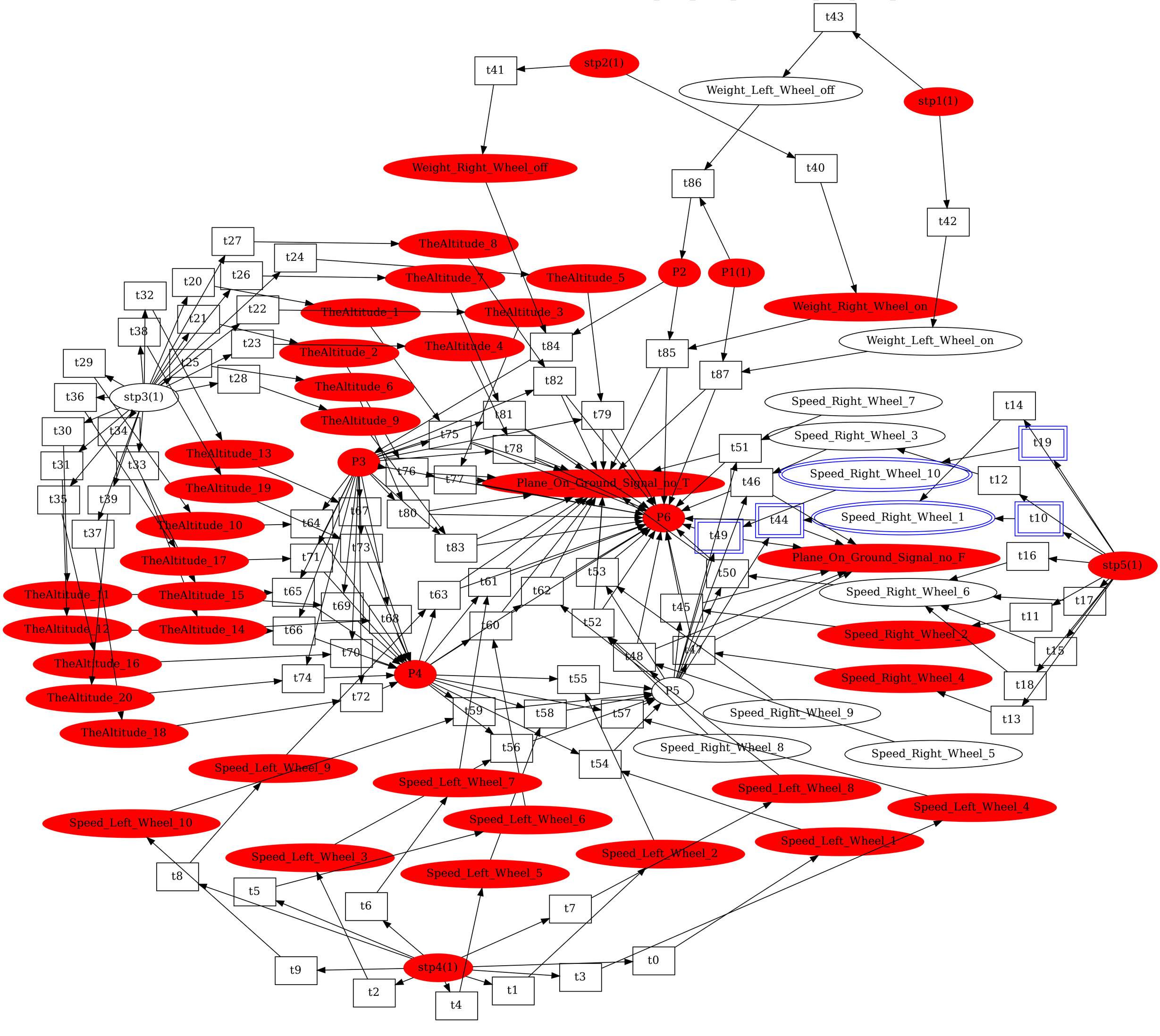
places: 57 trans:88 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_8 into Speed_Right_Wheel_6



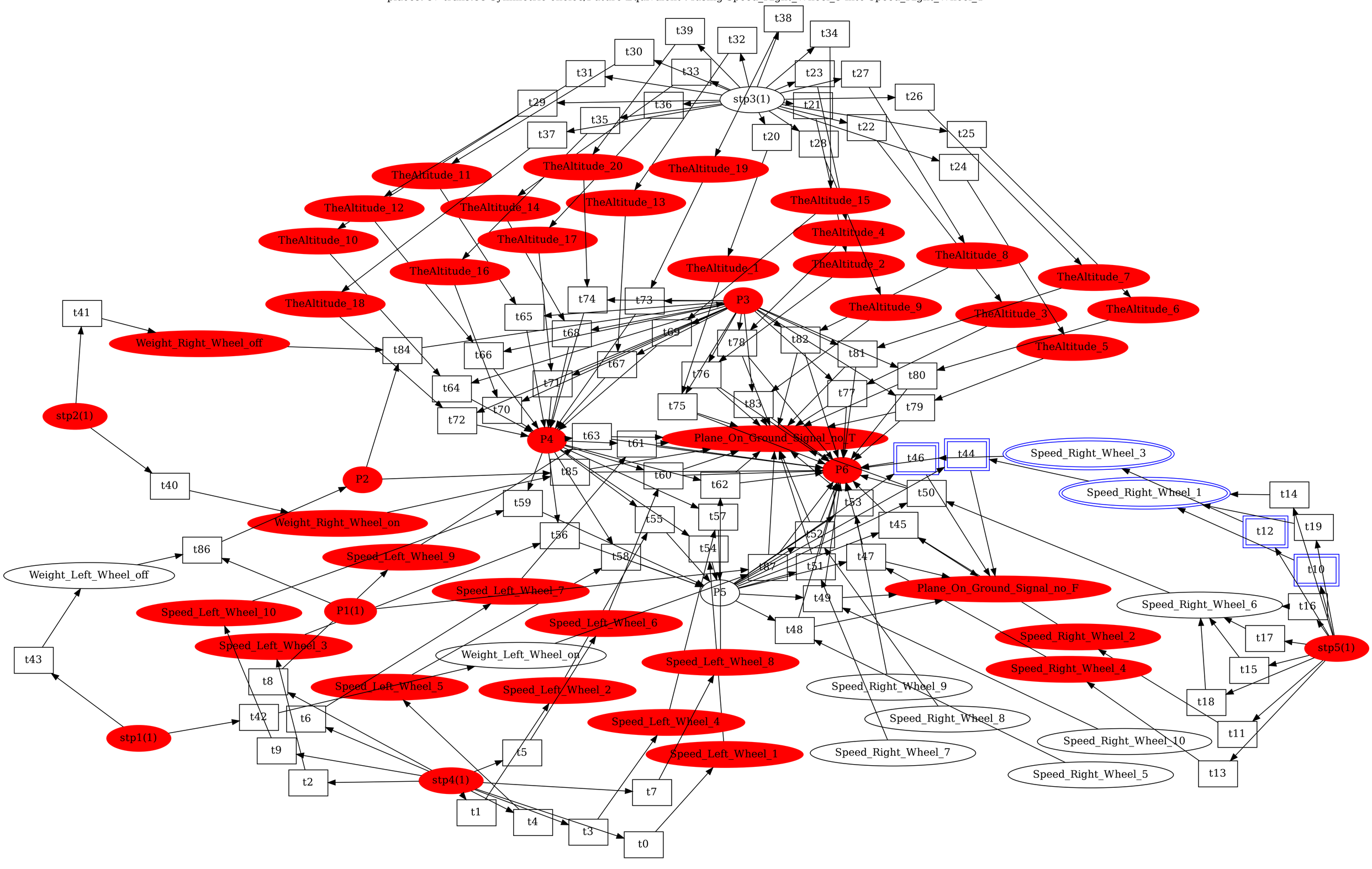
places: 57 trans:88 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_9 into Speed_Right_Wheel_6



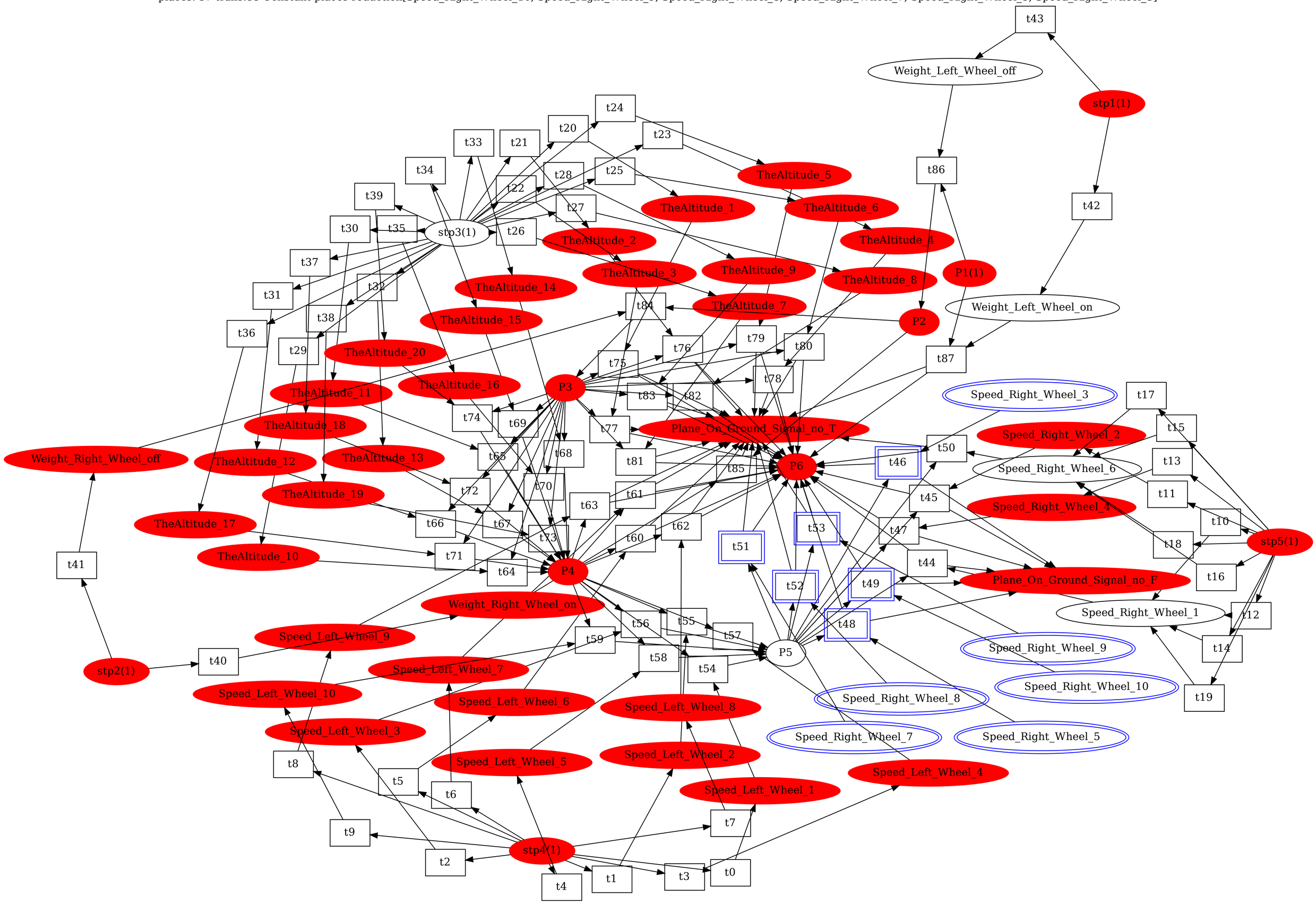
places: 57 trans:88 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_10 into Speed_Right_Wheel_1



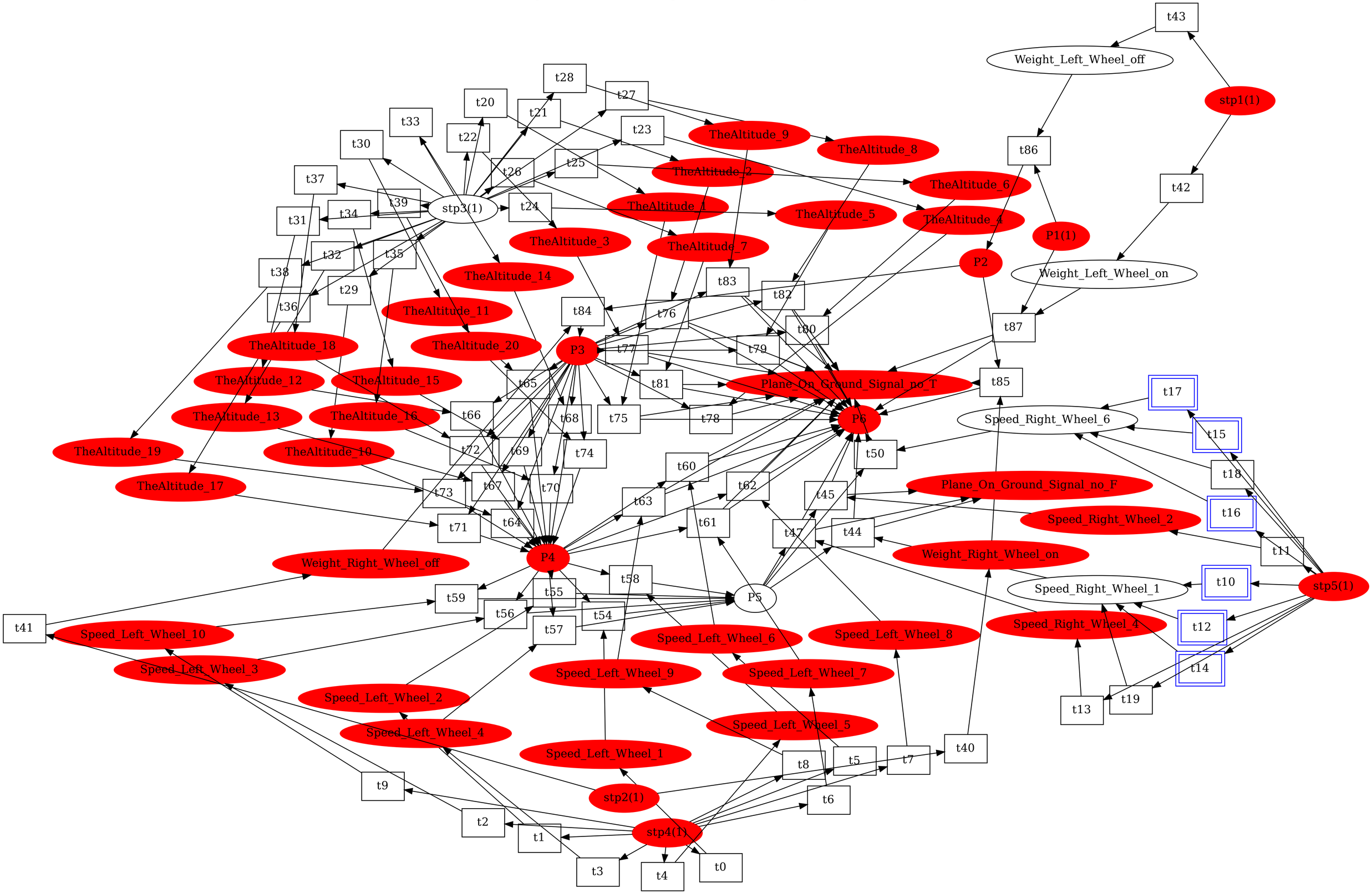
places: 57 trans:88 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_3 into Speed_Right_Wheel_1



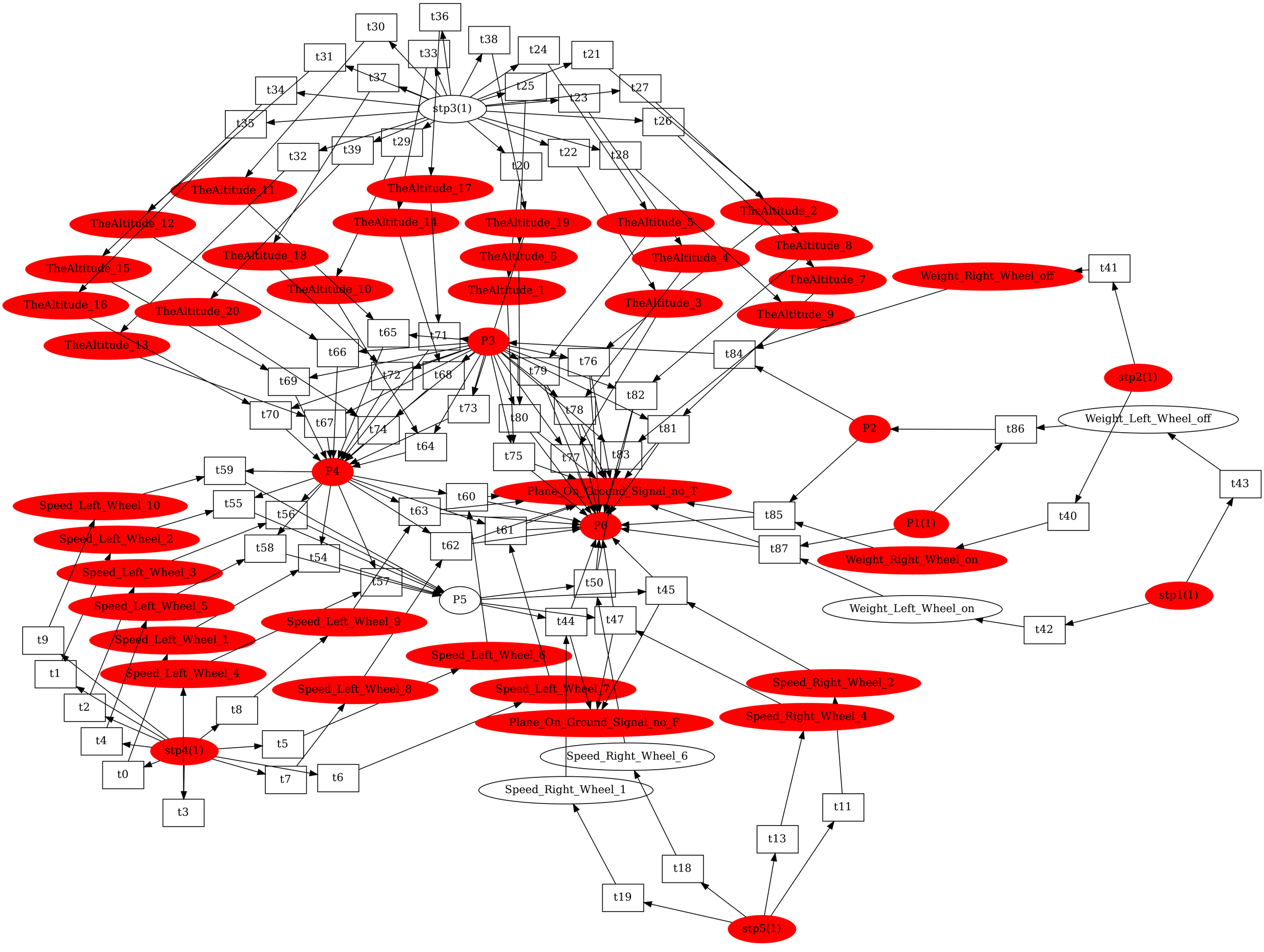
places: 57 trans:88 Constant places reduction[Speed_Right_Wheel_10, Speed_Right_Wheel_9, Speed_Right_Wheel_8, Speed_Right_Wheel_7, Speed_Right_Wheel_5, Speed_Right_Wheel_3]



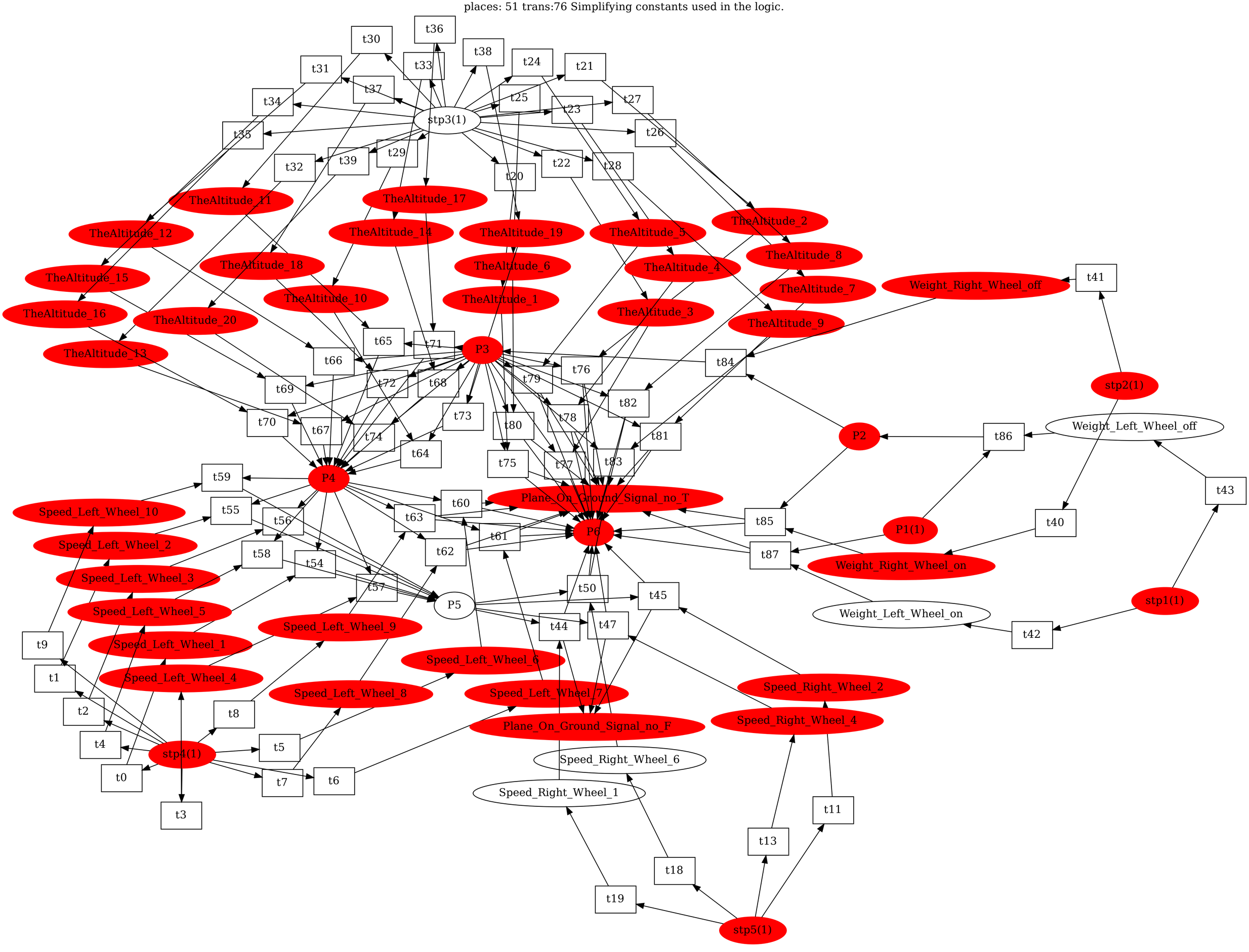
places: 51 trans:82 Unique test discarding 6 objects



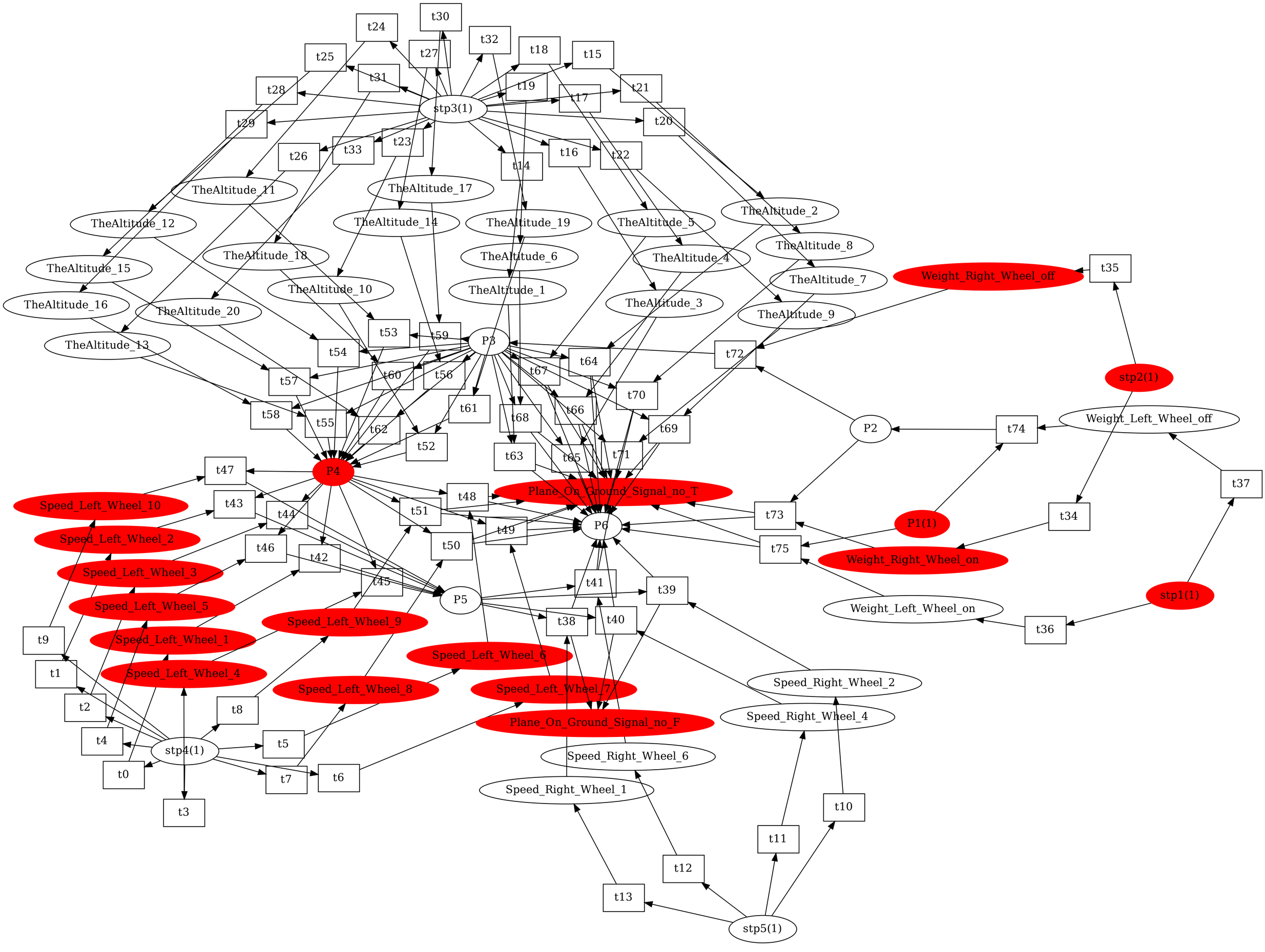
places: 51 trans:76 At convergence for reductions without SMT.



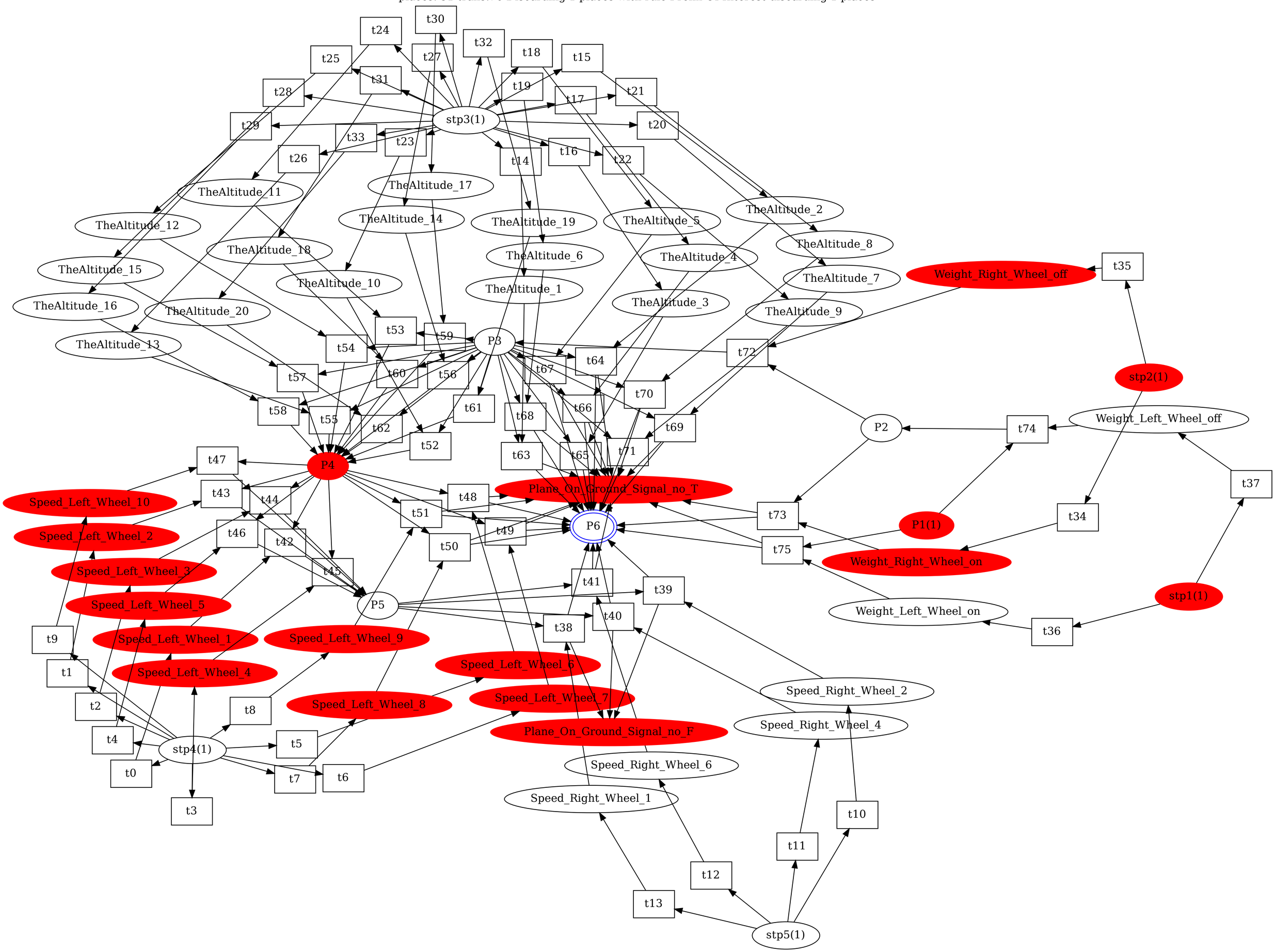
places: 51 trans:76 Simplifying constants used in the logic.

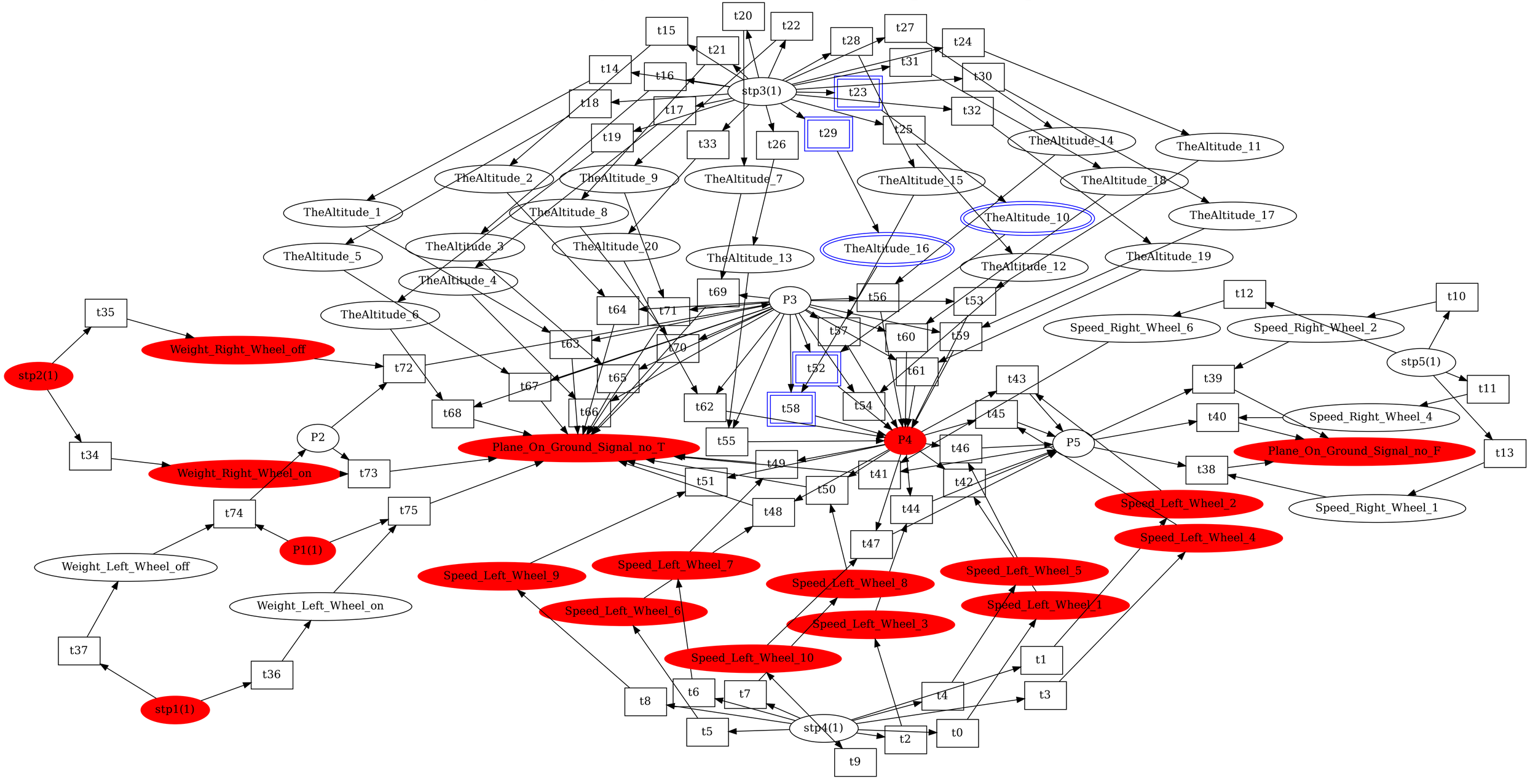


places: 51 trans:76 Before Reduction Start

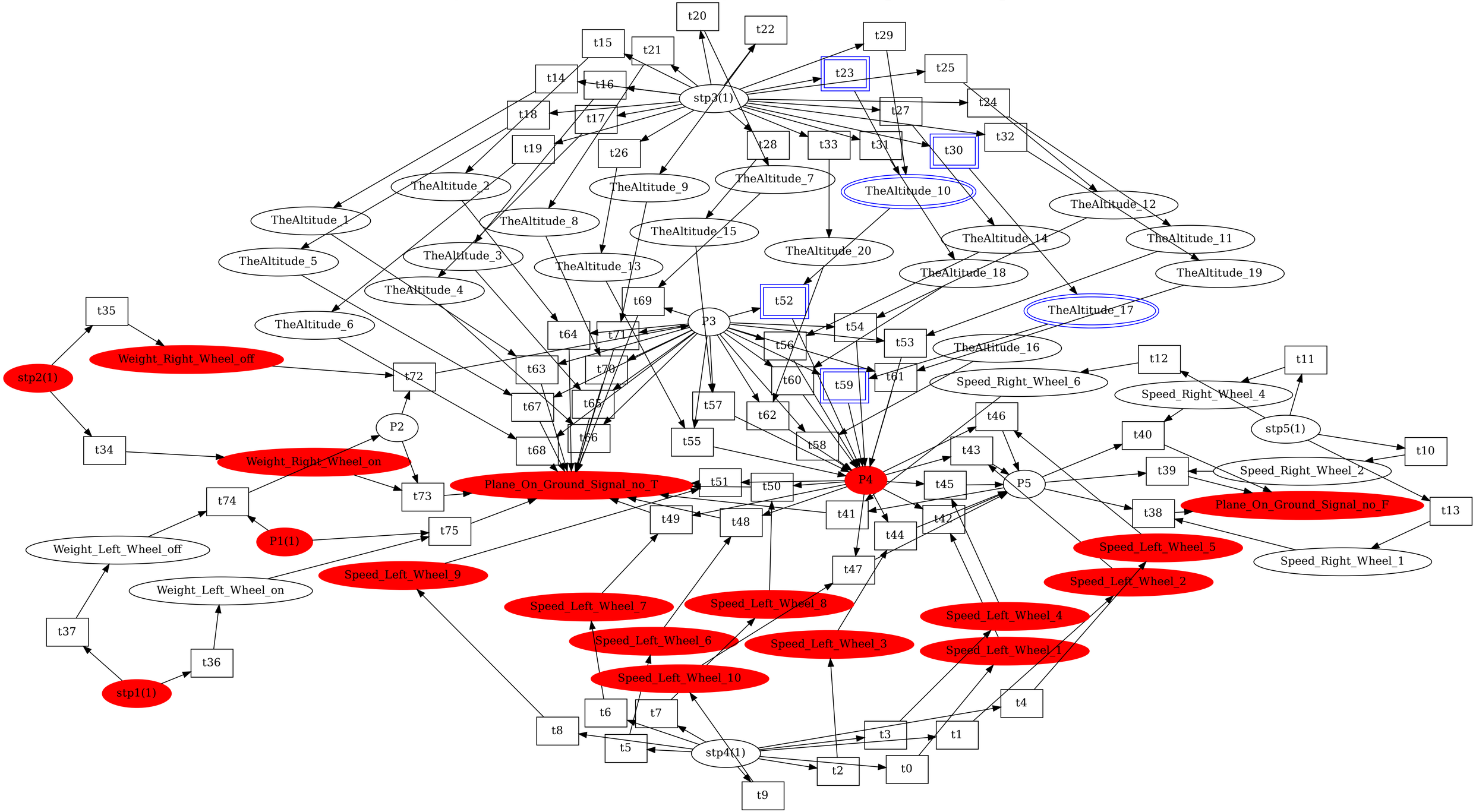


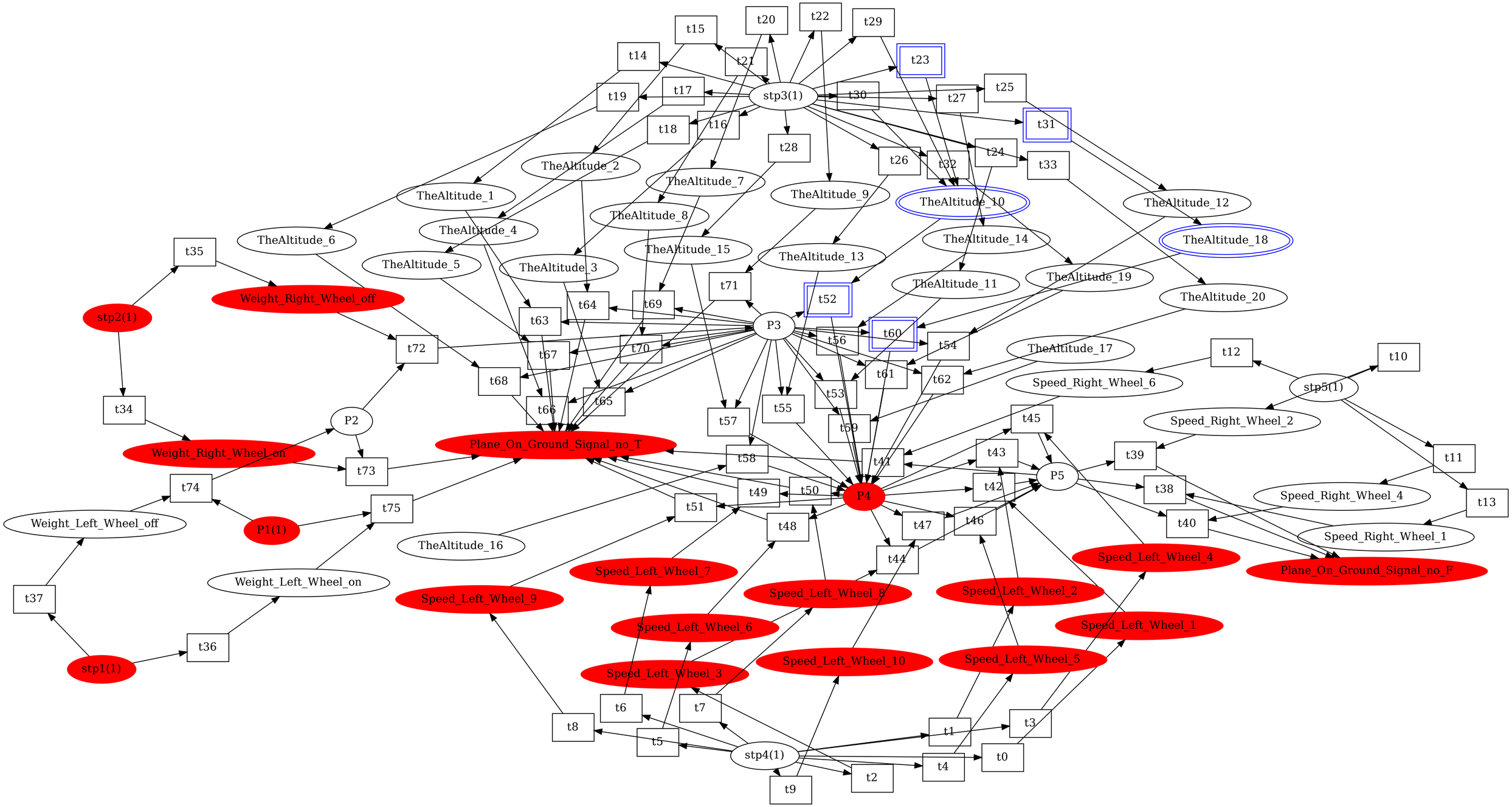
places: 51 trans:76 Discarding 1 places with rule Prefix Of Interest discarding 1 places



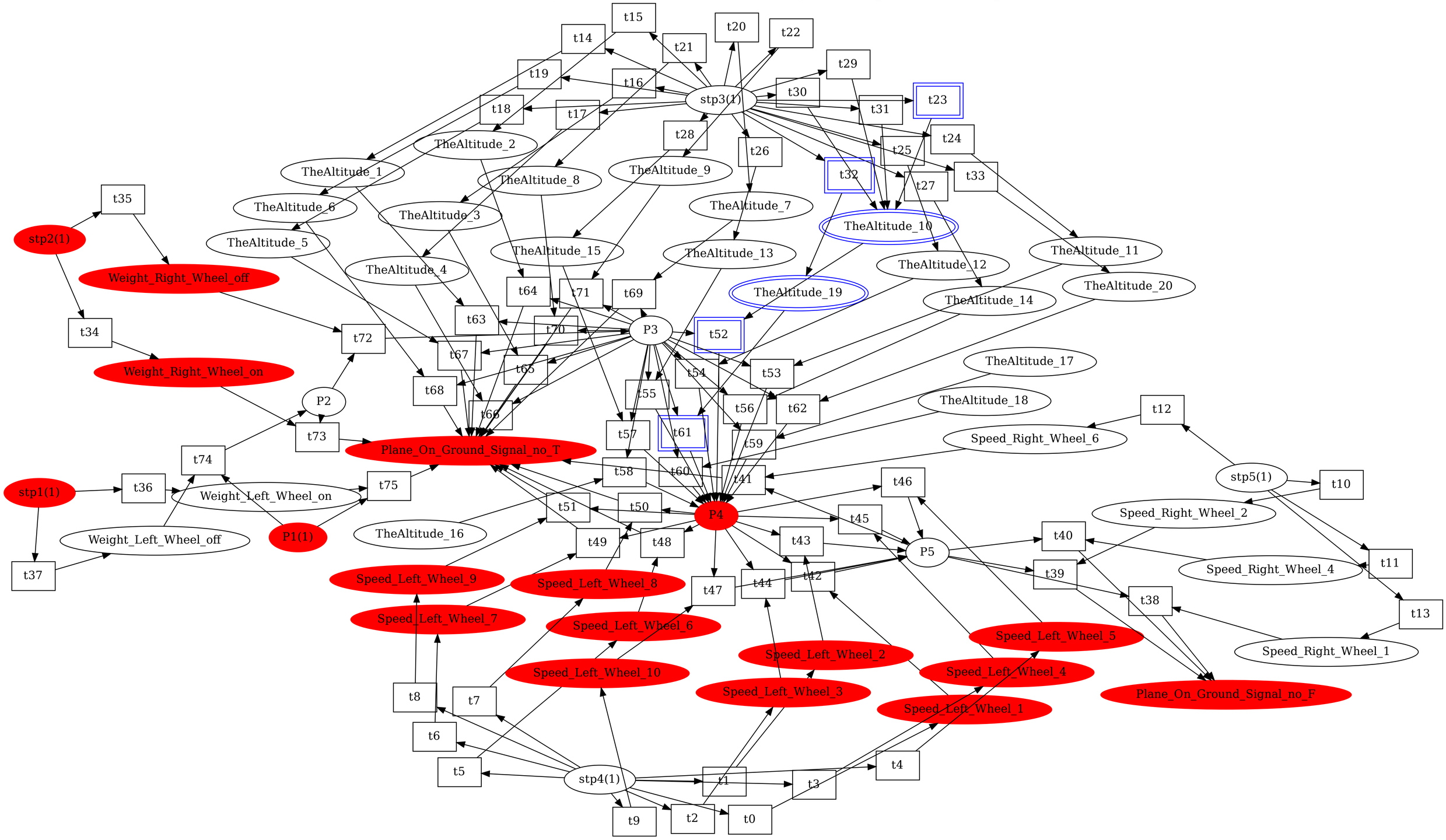

places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_16 into TheAltitude_10
t20
t22
t15
t21
t28
t27
t24
t14
t16
t31
t30
stp3(1)
t23
t18
t17
t32
t19
t33
t26
t29
t25
TheAltitude_14
TheAltitude_11
TheAltitude_2
TheAltitude_9
TheAltitude_7
TheAltitude_15
TheAltitude_18
TheAltitude_1
TheAltitude_8
TheAltitude_10
TheAltitude_17
TheAltitude_3
TheAltitude_20
TheAltitude_16
TheAltitude_13
TheAltitude_19
TheAltitude_5
TheAltitude_12
TheAltitude_4
t69
P3
t56
t53
t12
t10
t35
t64
t71
t57
t60
t59
Speed_Right_Wheel_6
Speed_Right_Wheel_2
TheAltitude_6
t63
t70
t52
t61
stp5(1)
Weight_Right_Wheel_off
t72
t65
t67
t43
t39
t11
stp2(1)
t58
t54
t45
t40
Speed_Right_Wheel_4
t68
t62
t66
P4
t46
P5
Plane_On_Ground_Signal_no_F
t13
P2
Plane_On_Ground_Signal_no_T
t55
t49
t34
t73
t51
t41
t42
t38
Weight_Right_Wheel_on
t50
Speed_Left_Wheel_2
Speed_Right_Wheel_1
t74
t75
t48
t44
Speed_Left_Wheel_4
t47
P1(1)
Weight_Left_Wheel_off
Speed_Left_Wheel_9
Speed_Left_Wheel_7
Speed_Left_Wheel_8
Speed_Left_Wheel_5
Speed_Left_Wheel_6
Speed_Left_Wheel_1
Weight_Left_Wheel_on
Speed_Left_Wheel_3
t37
t1
Speed_Left_Wheel_10
t36
t6
t7
t4
t3
t8
t5
stp4(1)
t2
t0
stp1(1)
t9

places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_17 into TheAltitude_10

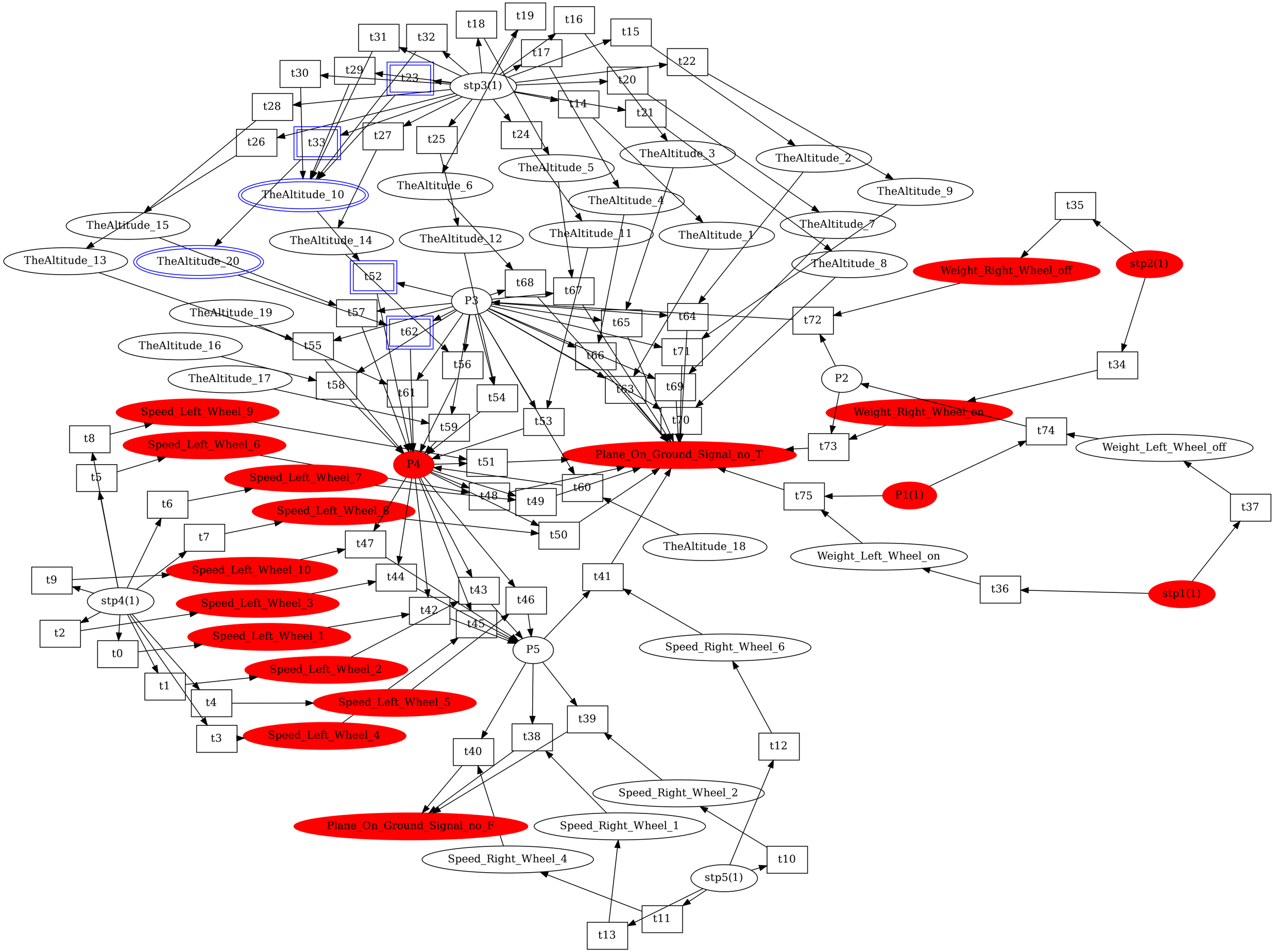



places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_18 into TheAltitude_10
t15
t20
t22
t29
t14
t21
t23
t19
t17
stp3(1)
t30
t27
t25
t18
t16
t31
t28
t26
t32
t24
t33
TheAltitude_2
TheAltitude_7
TheAltitude_1
TheAltitude_9
TheAltitude_10
TheAltitude_12
TheAltitude_8
TheAltitude_4
TheAltitude_6
TheAltitude_14
TheAltitude_18
TheAltitude_15
TheAltitude_13
TheAltitude_5
TheAltitude_3
TheAltitude_19
t35
t71
t52
TheAltitude_11
TheAltitude_20
Weight_Right_Wheel_off
t64
t69
t63
P3
t60
t56
t54
t72
t70
t67
TheAltitude_17
t12
t10
t61
t62
t68
Speed_Right_Wheel_6
stp5(1)
t34
t53
t65
t66
t55
t57
t59
t45
Speed_Right_Wheel_2
P2
Plane_On_Ground_Signal_no_T
t58
t41
t43
t39
t11
Weight_Right_Wheel_on
t73
P5
t38
t42
t49
t50
P4
Speed_Right_Wheel_4
t13
t74
t51
t40
Weight_Left_Wheel_off
t75
P1(1)
t48
t47
t46
Speed_Right_Wheel_1
TheAltitude_16
t44
Speed_Left_Wheel_4
Plane_On_Ground_Signal_no_F
Speed_Left_Wheel_7
Speed_Left_Wheel_9
Speed_Left_Wheel_8
Speed_Left_Wheel_2
Weight_Left_Wheel_on
Speed_Left_Wheel_6
Speed_Left_Wheel_1
t37
Speed_Left_Wheel_10
Speed_Left_Wheel_5
t36
Speed_Left_Wheel_3
stp1(1)
t6
t7
t8
t1
t3
t5
stp4(1)
t4
t0
t2
t9

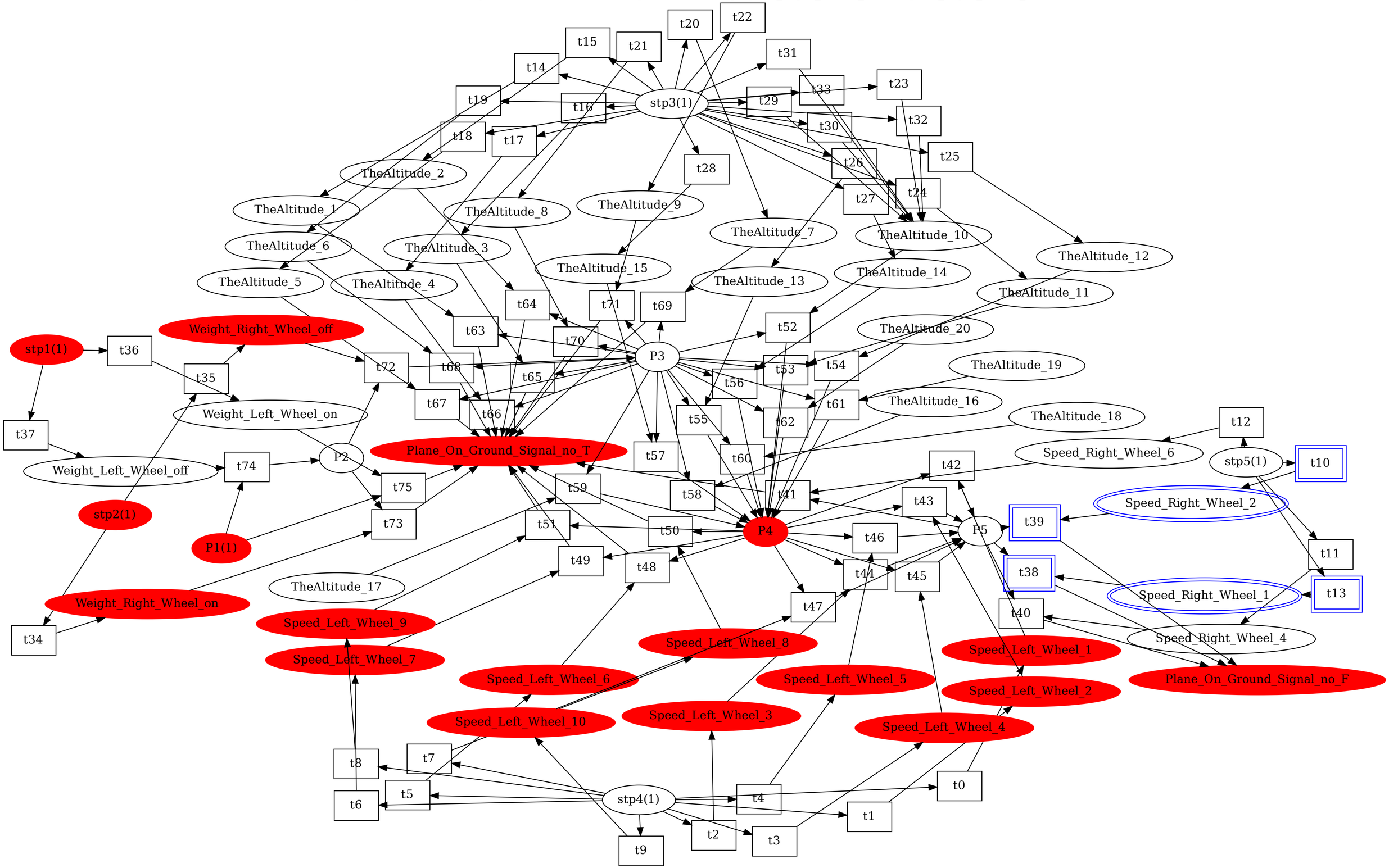
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_19 into TheAltitude_10



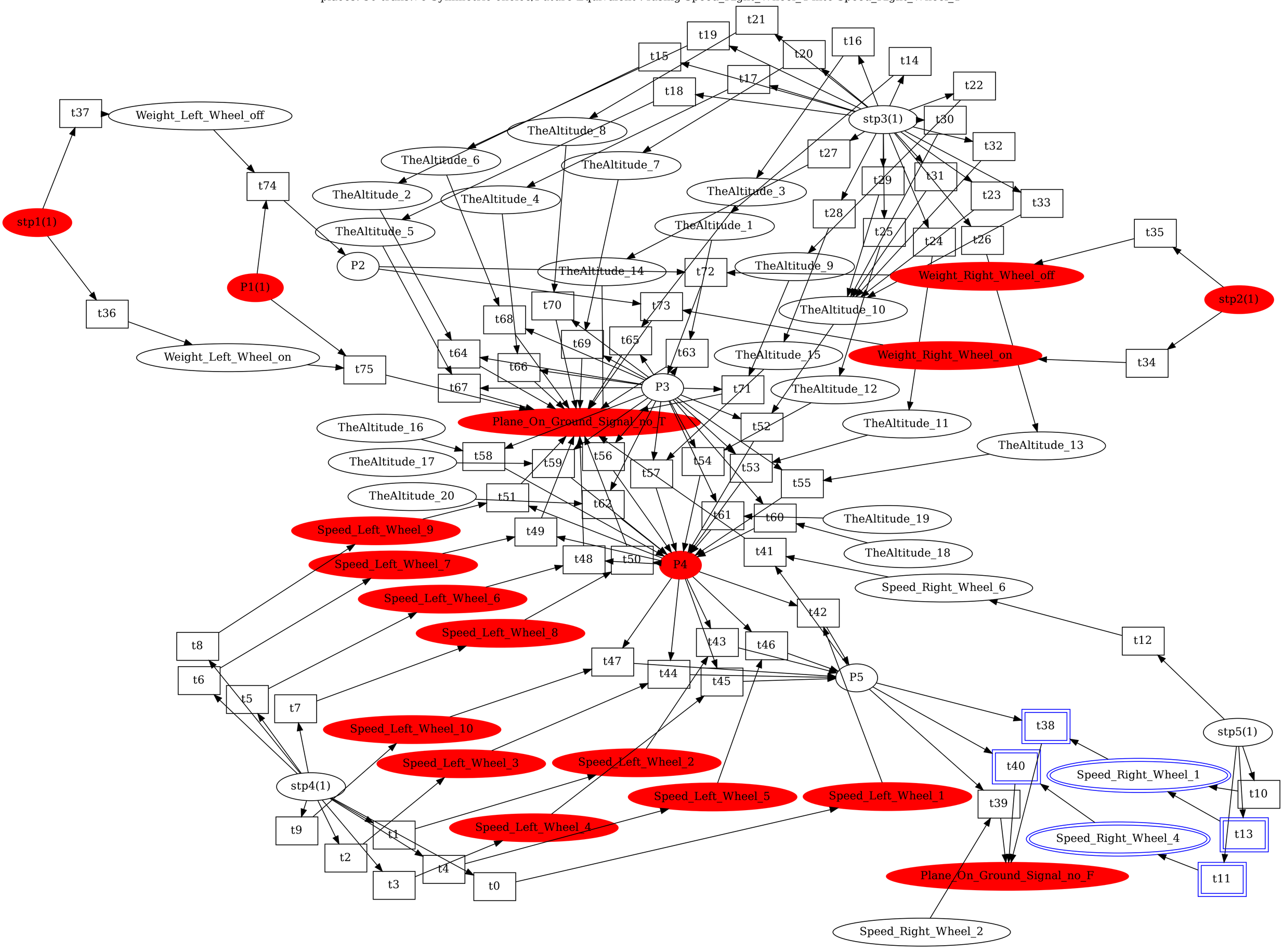
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_20 into TheAltitude_10



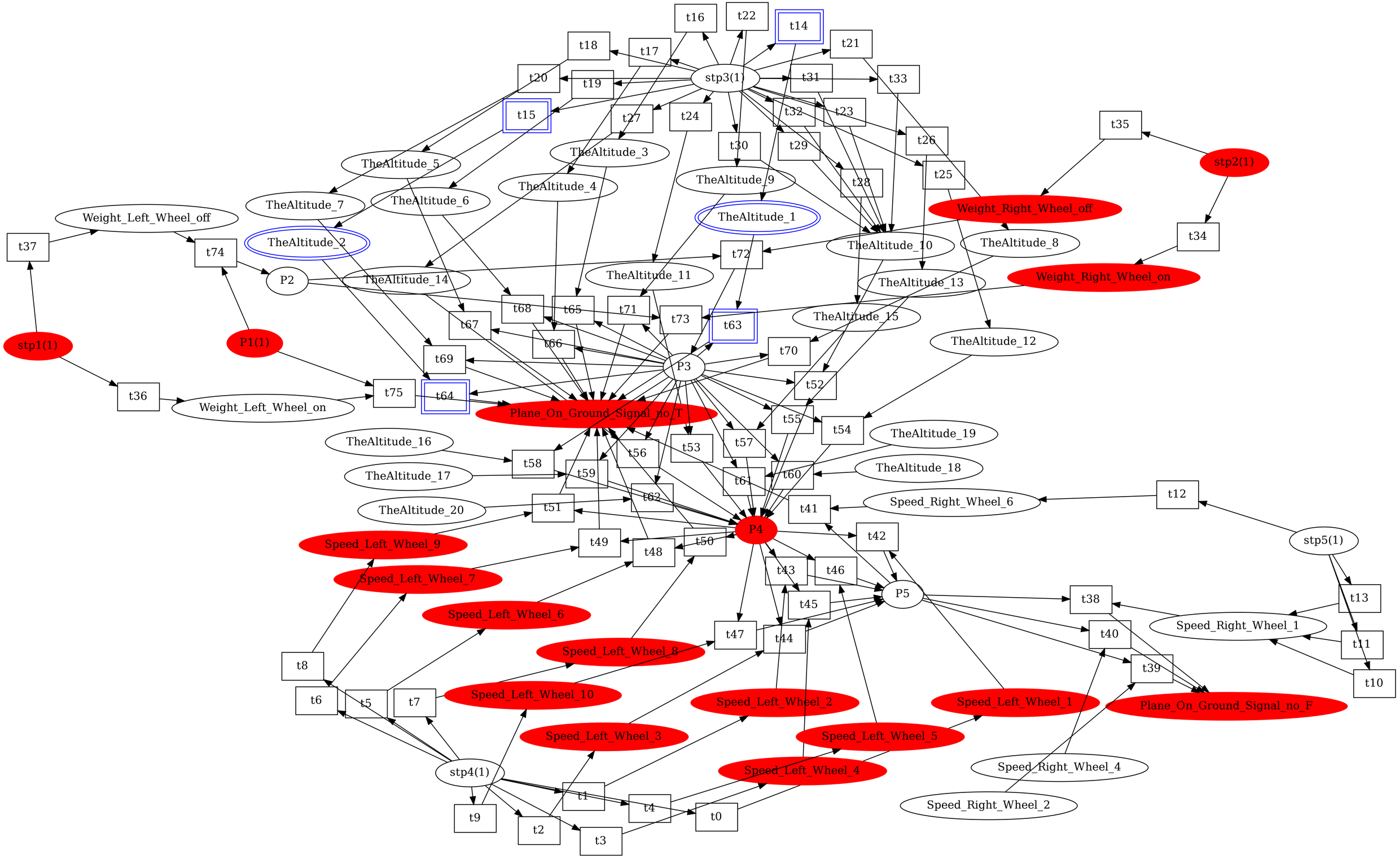
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_2 into Speed_Right_Wheel_1



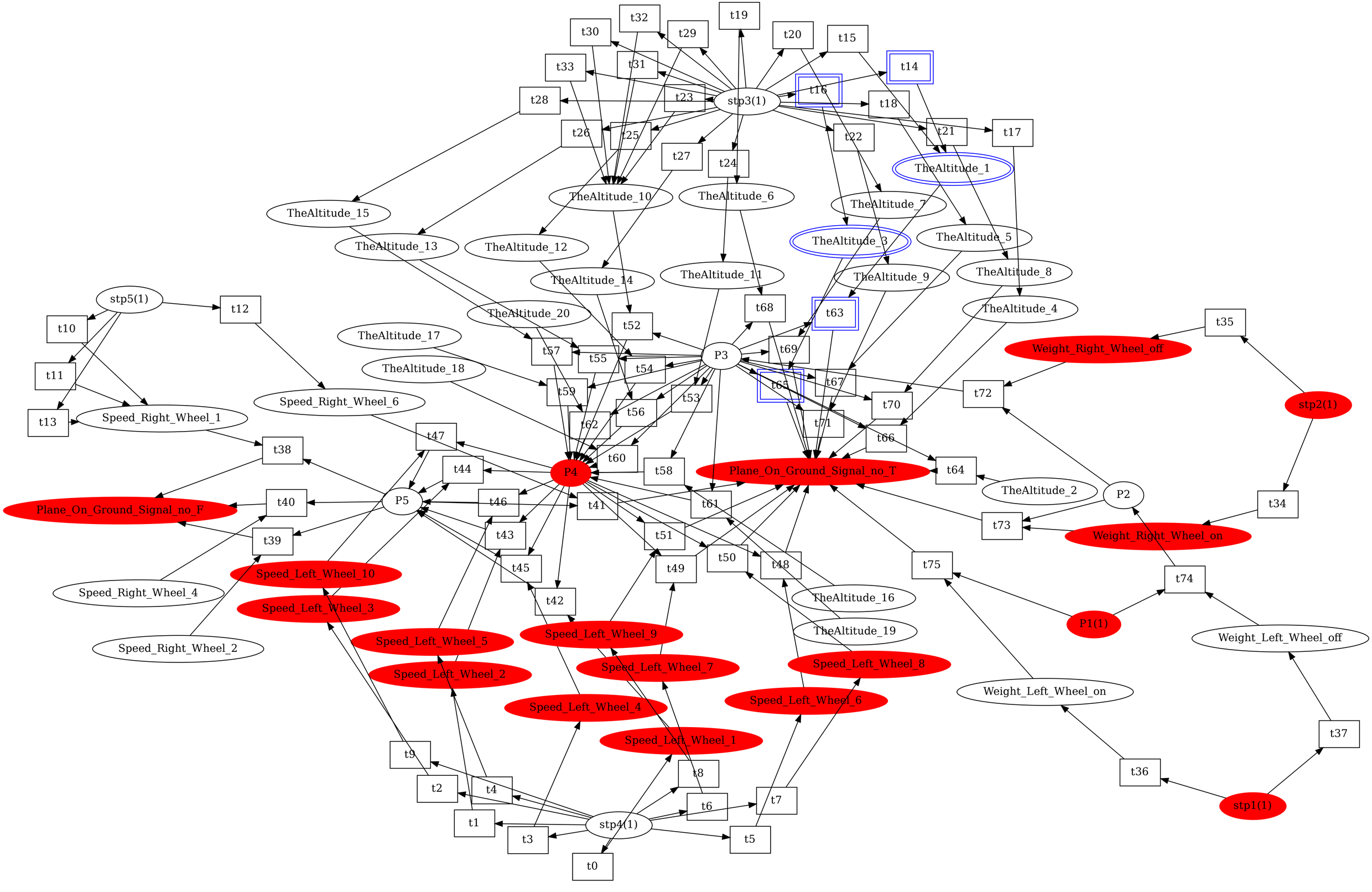
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing Speed_Right_Wheel_4 into Speed_Right_Wheel_1



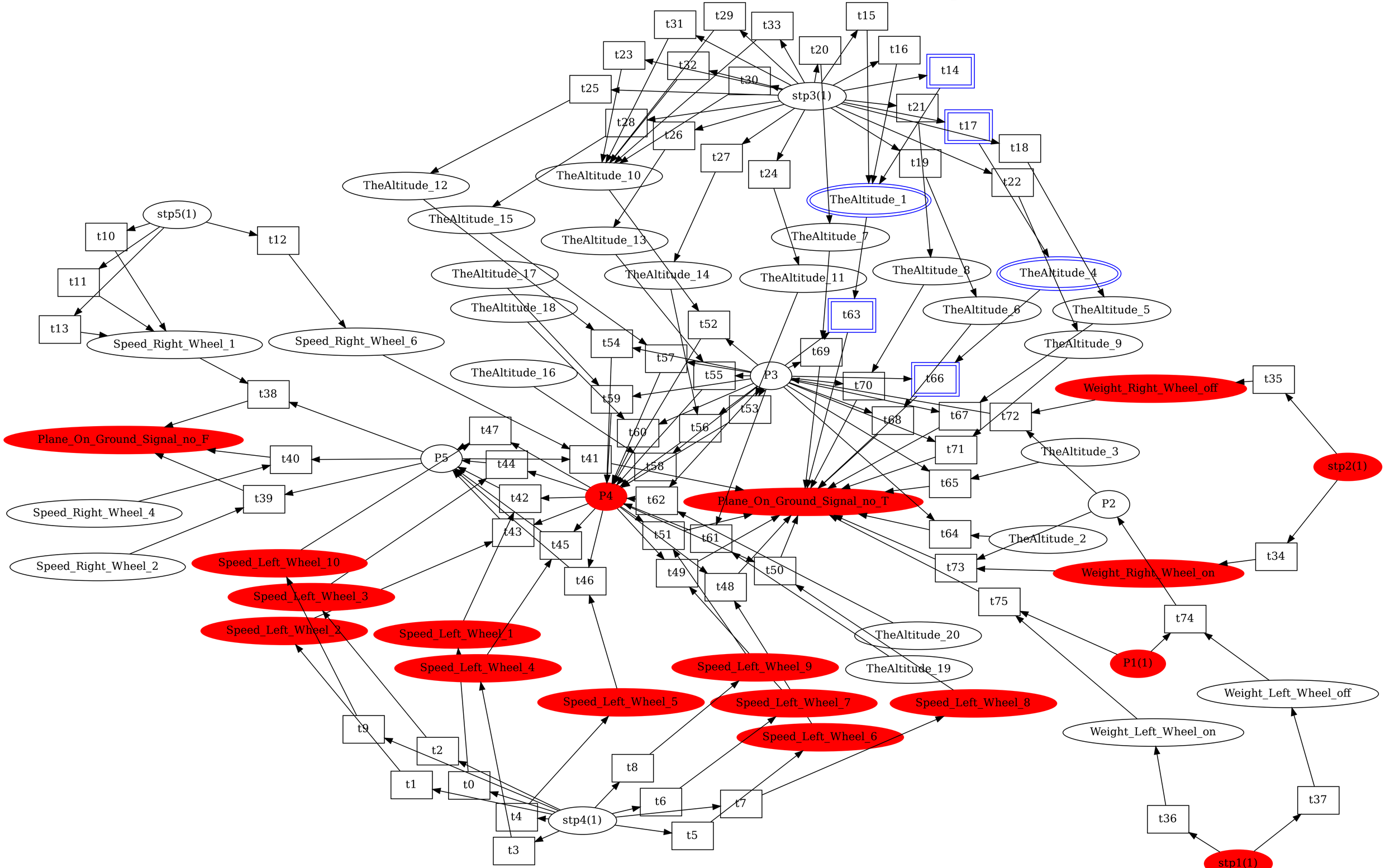
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_2 into TheAltitude_1



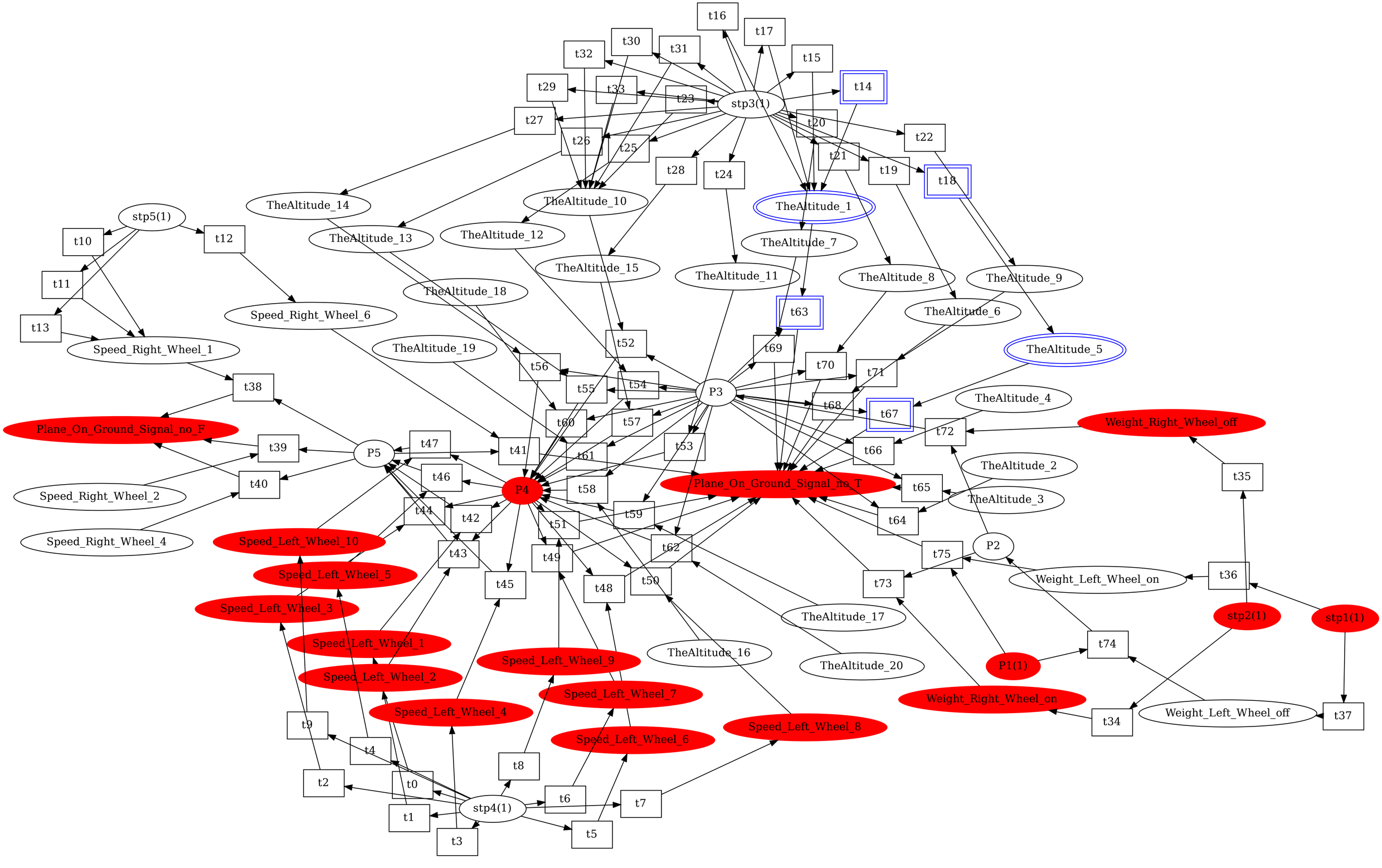
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_3 into TheAltitude_1



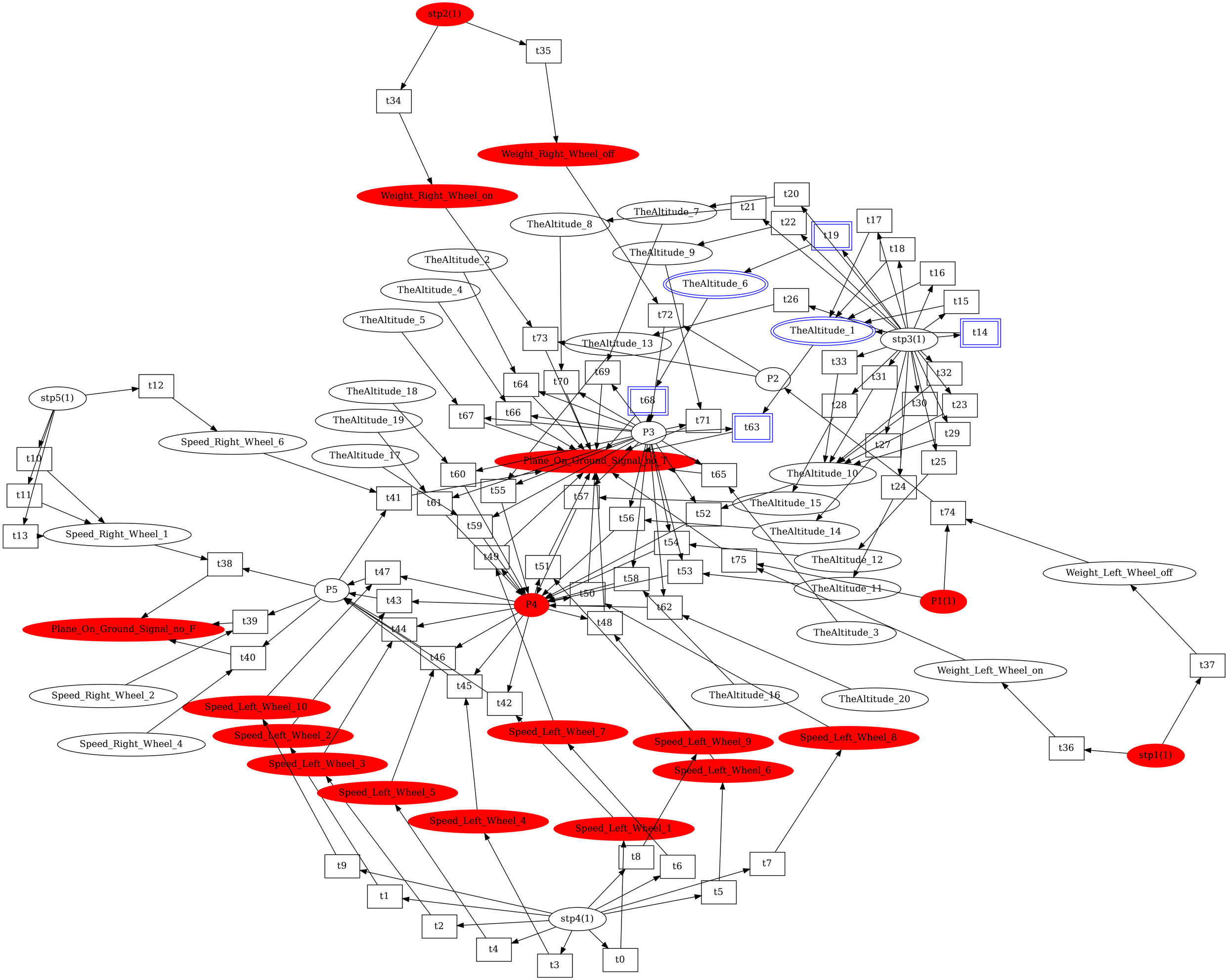
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_4 into TheAltitude_1



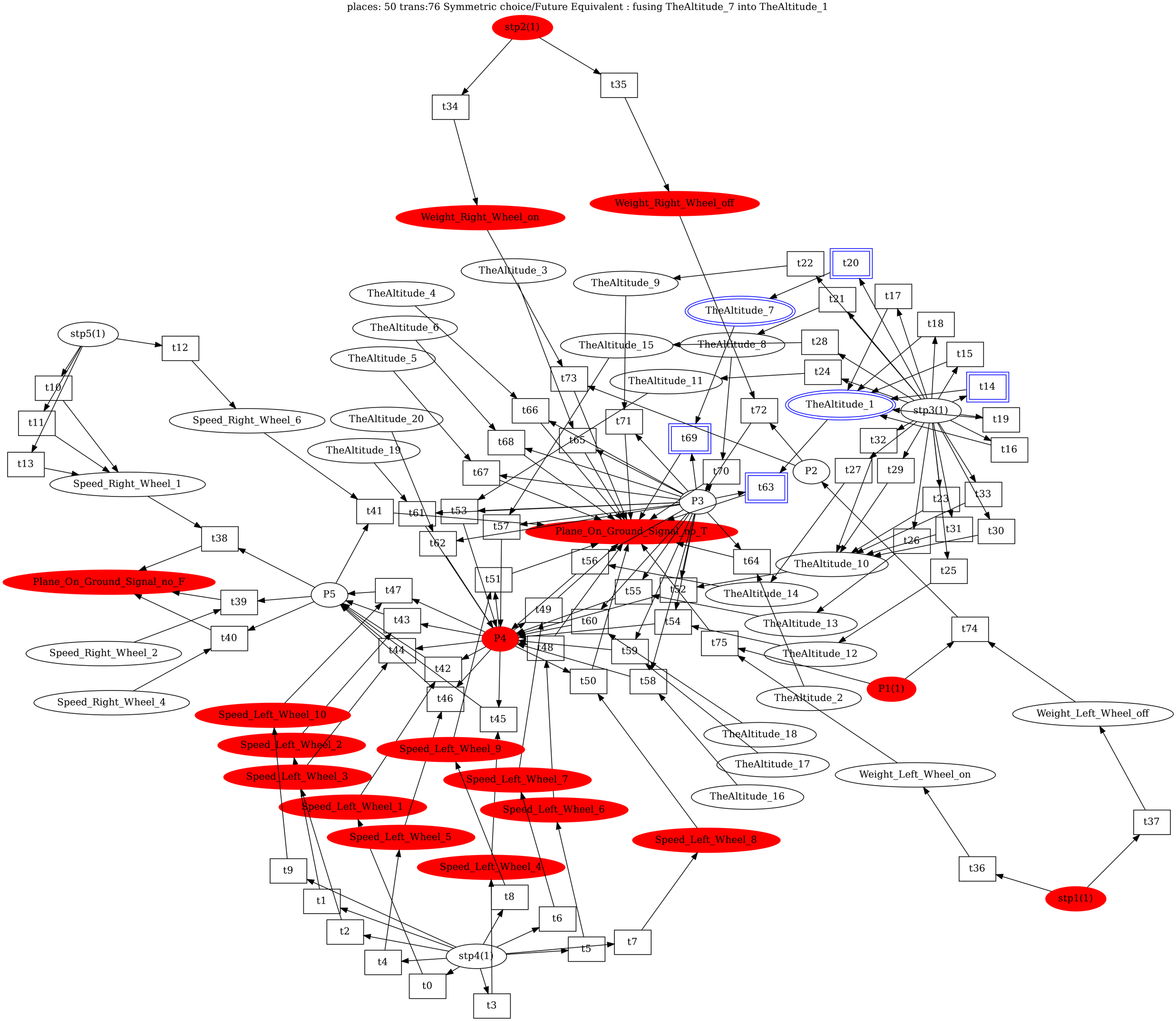
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_5 into TheAltitude_1



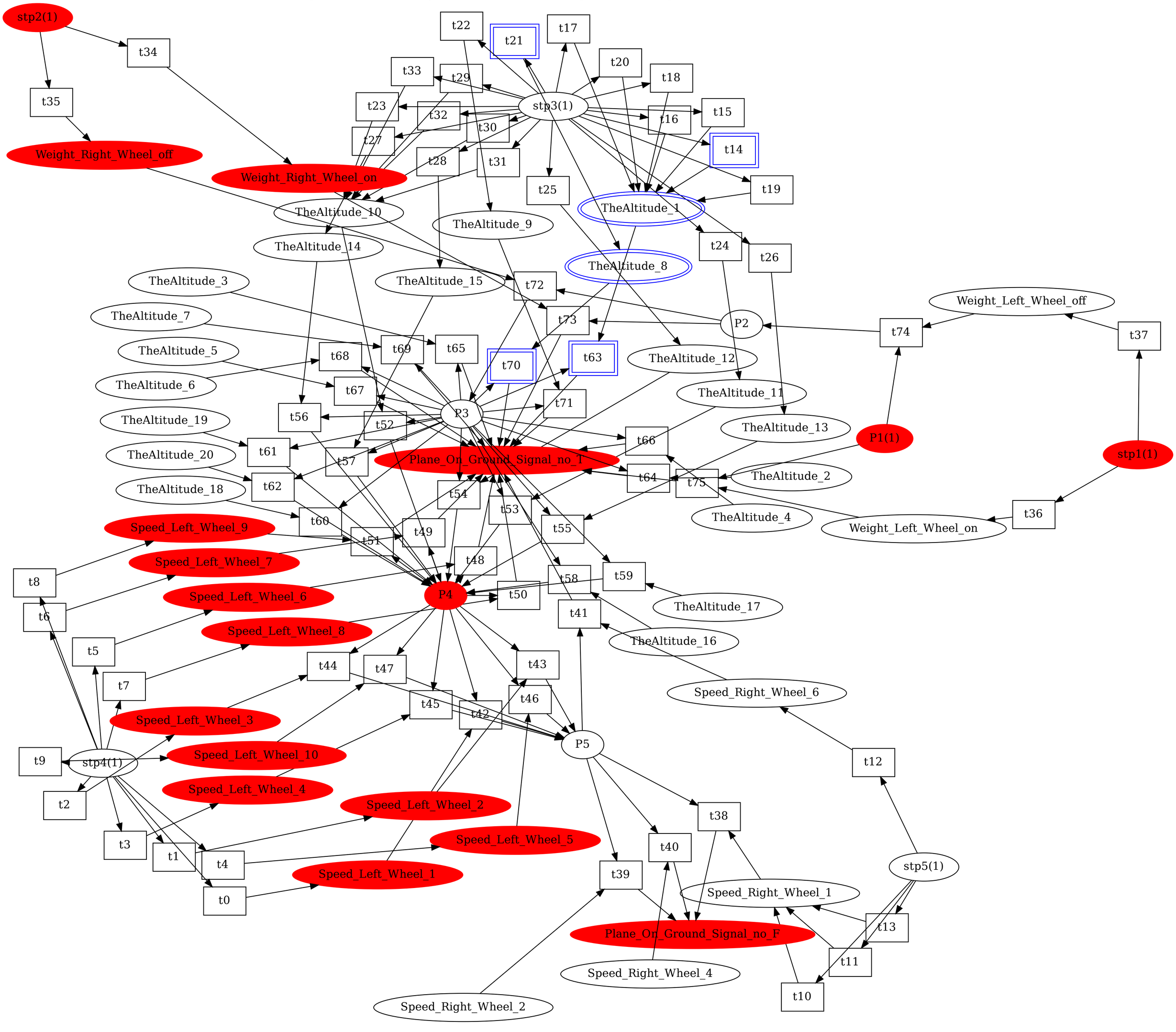
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_6 into TheAltitude_1



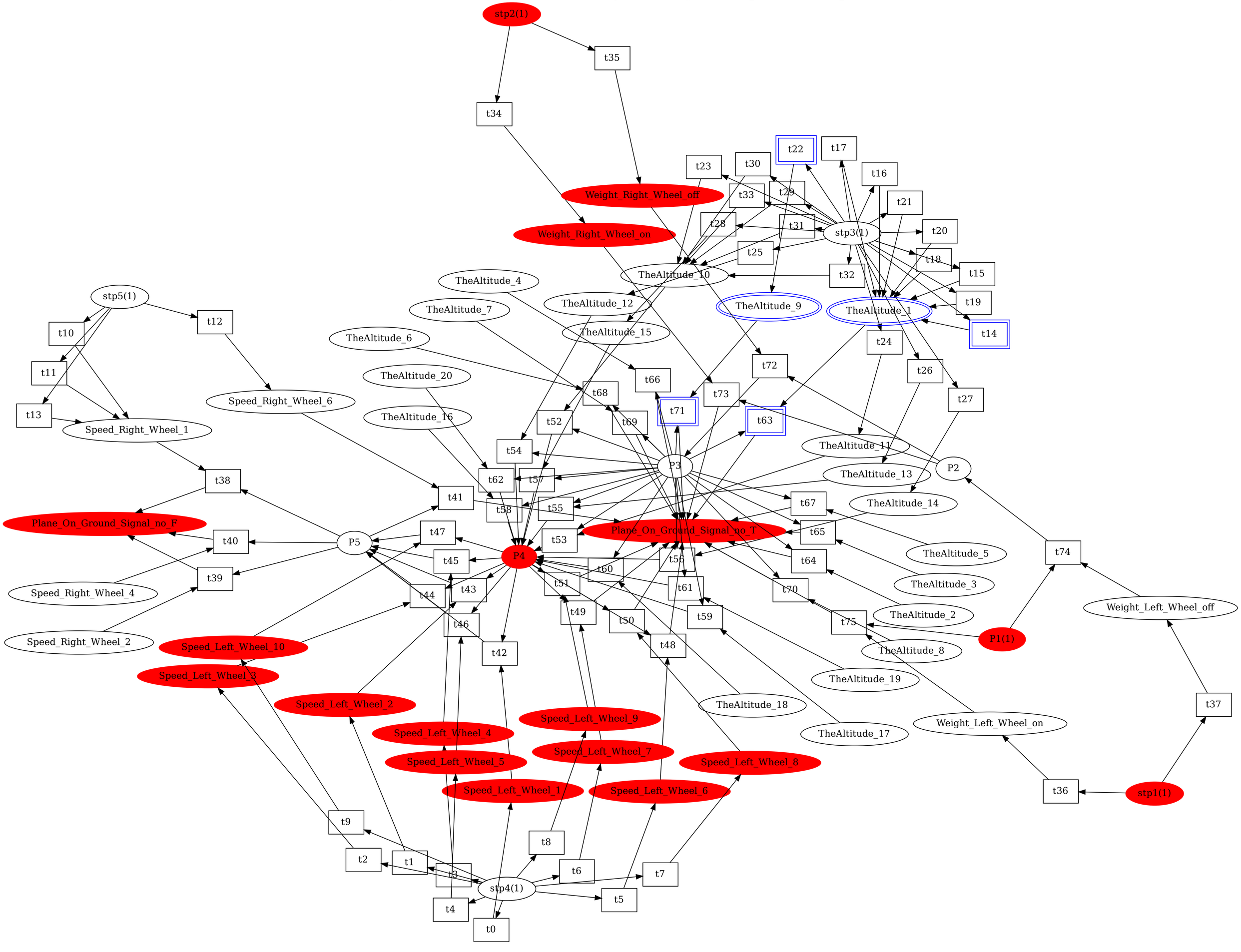
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_7 into TheAltitude_1



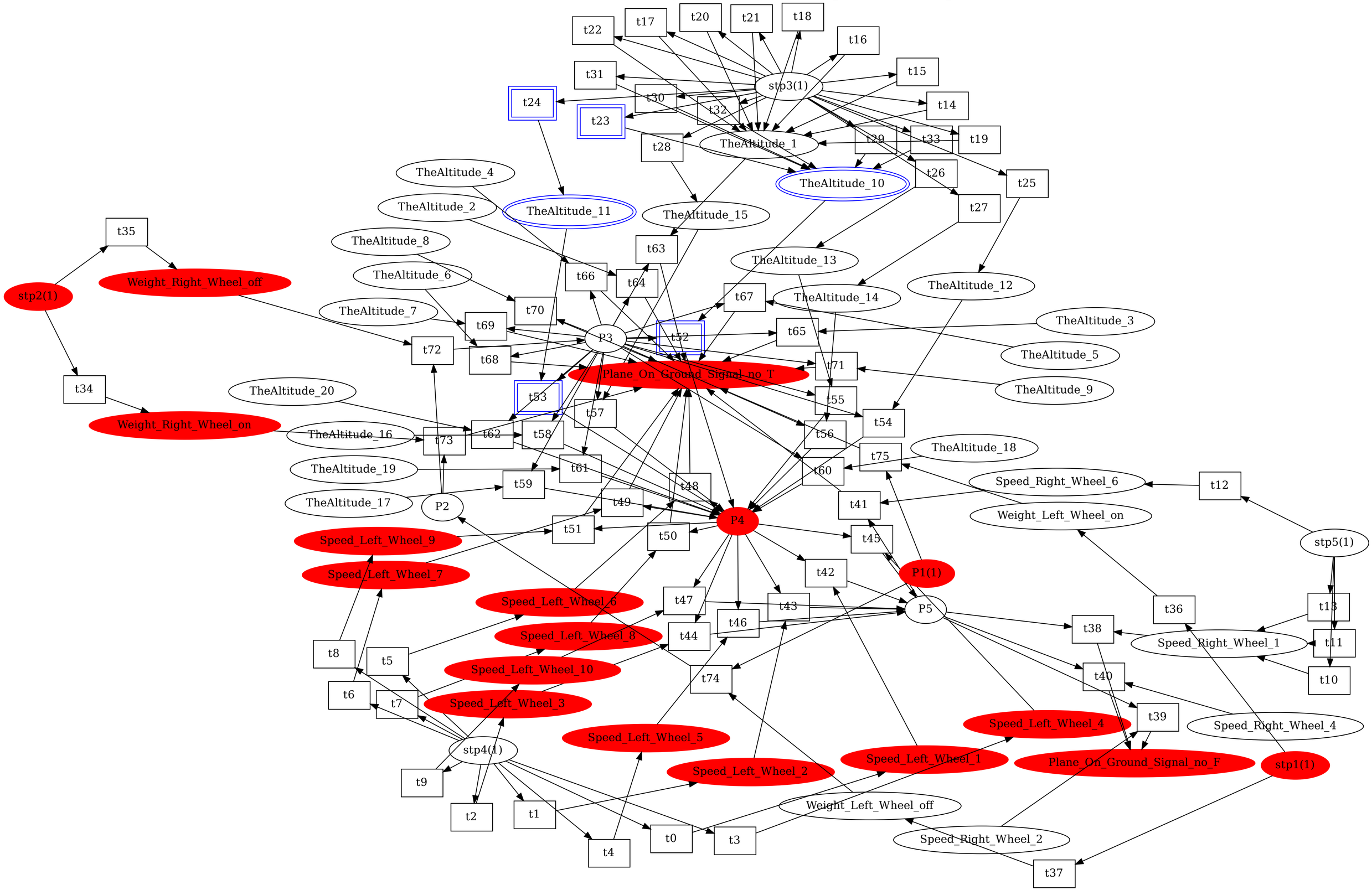
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_8 into TheAltitude_1



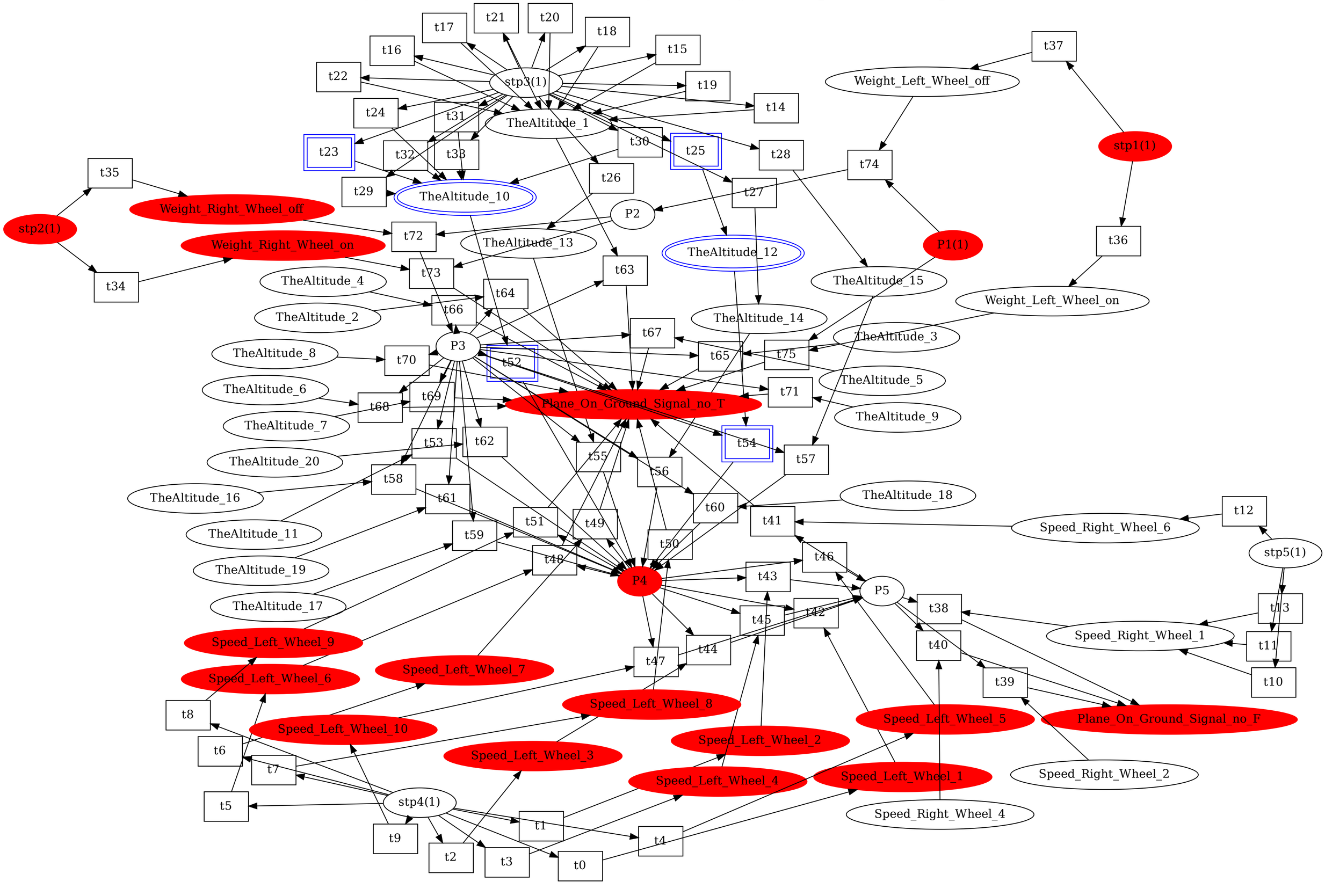
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_9 into TheAltitude_1



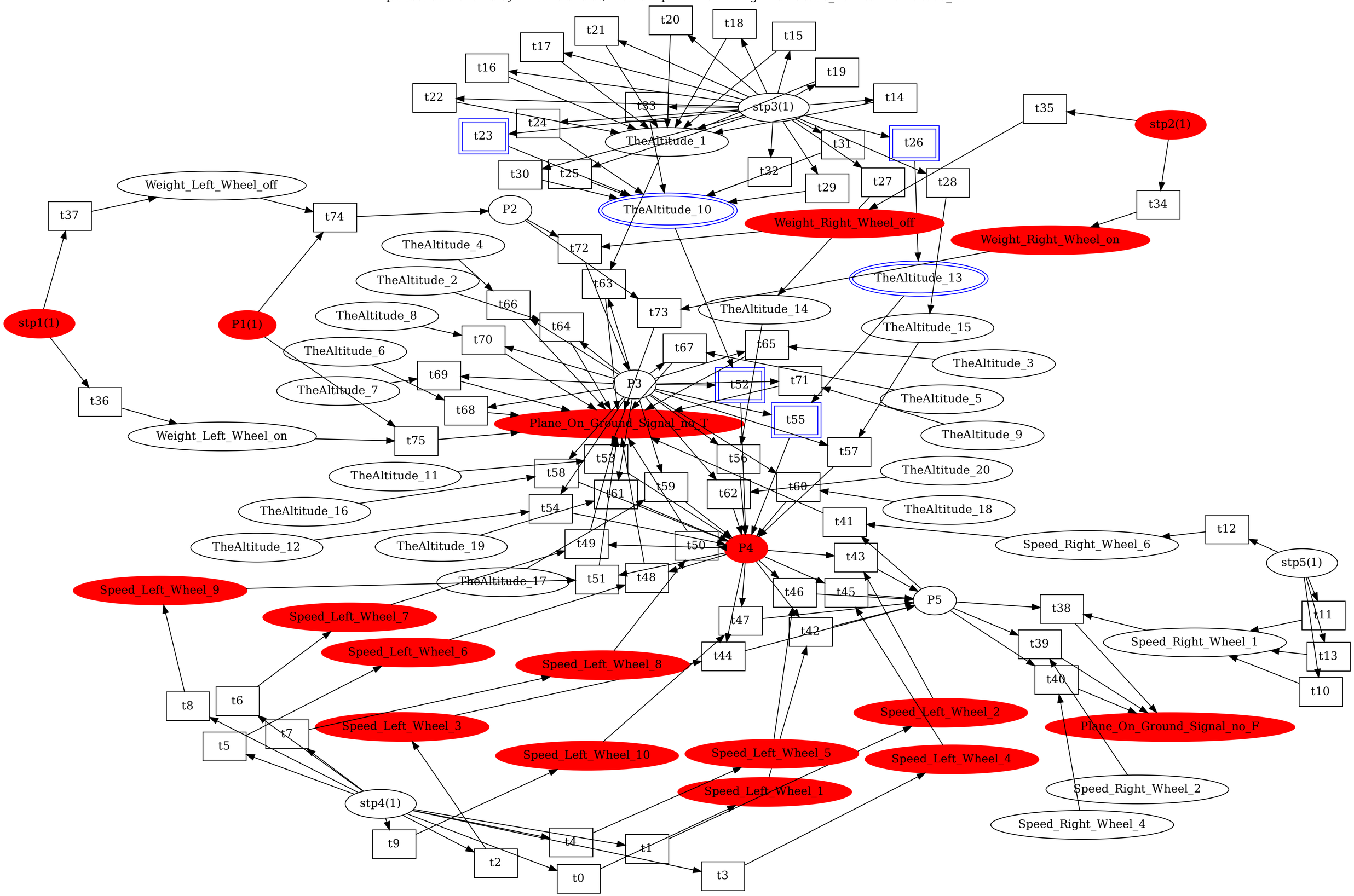
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_11 into TheAltitude_10



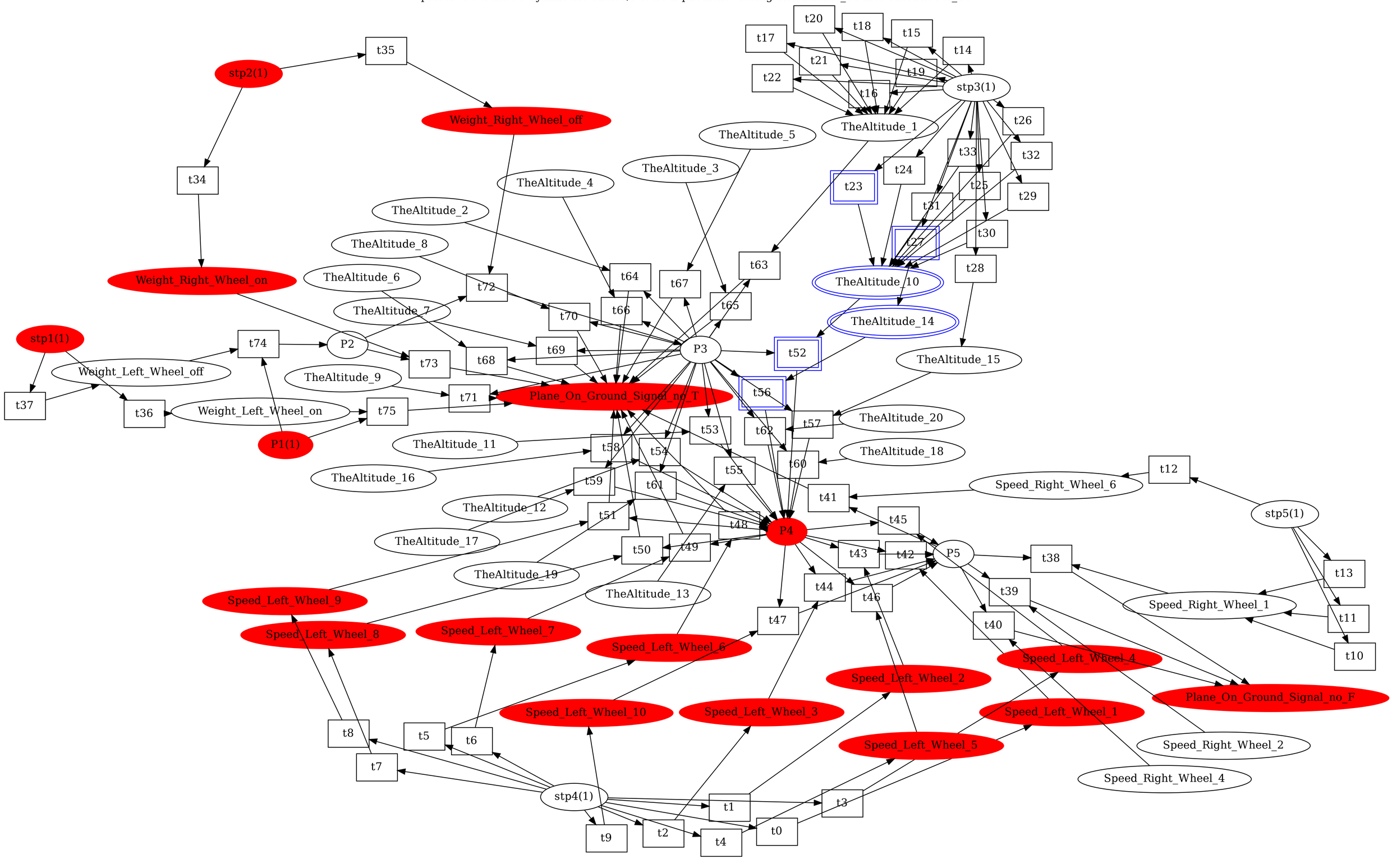
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_12 into TheAltitude_10



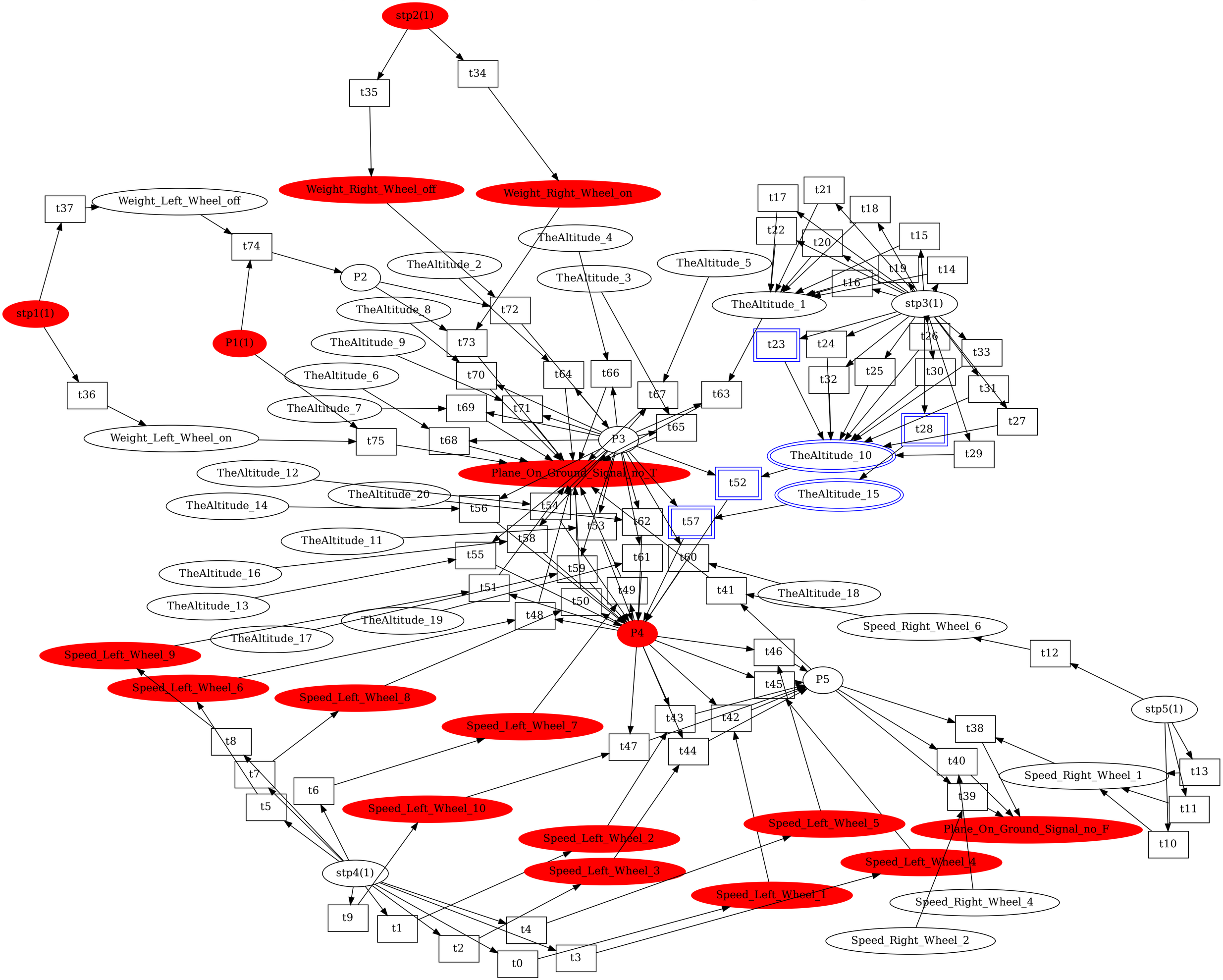
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_13 into TheAltitude_10



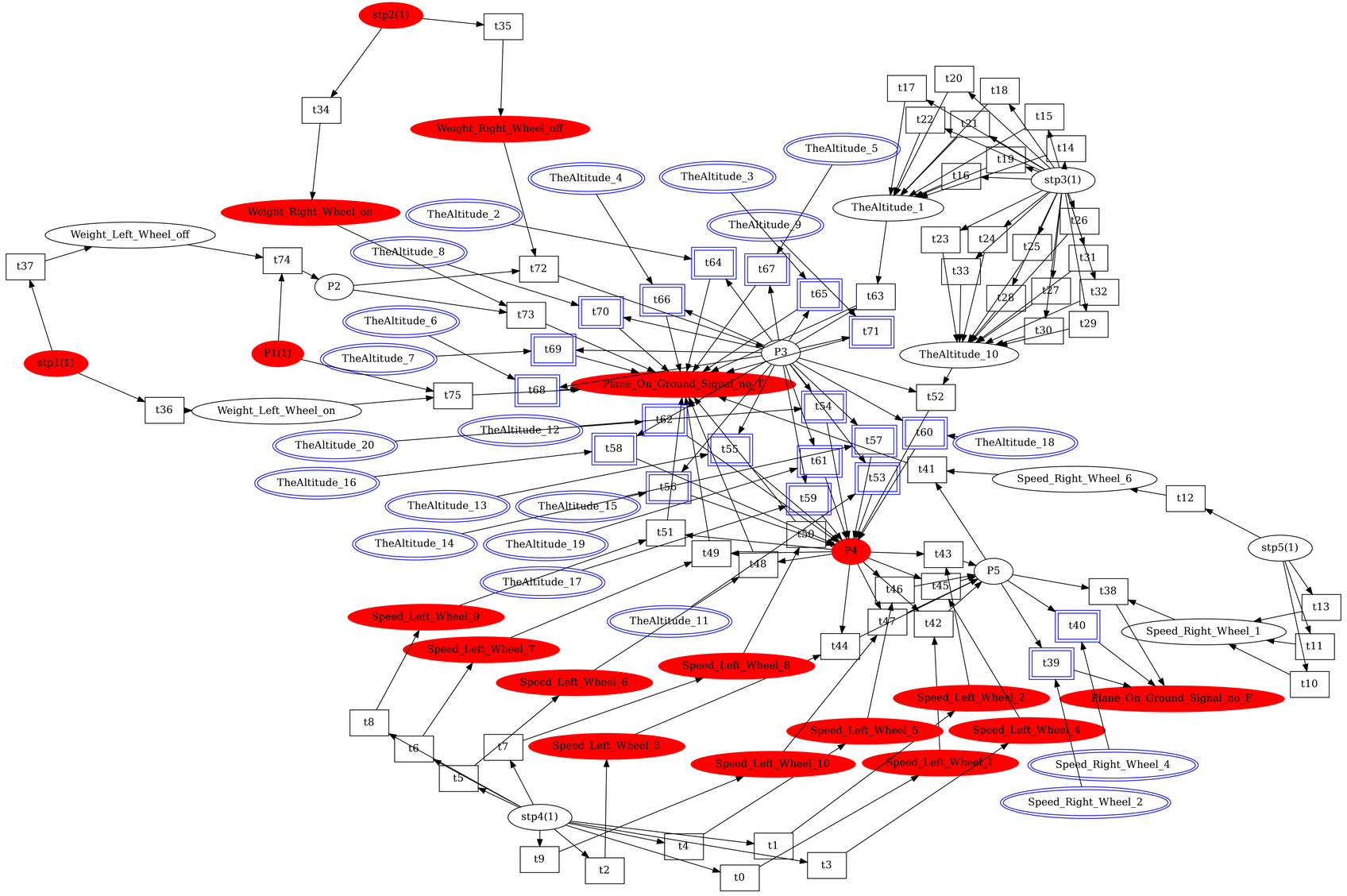
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_14 into TheAltitude_10



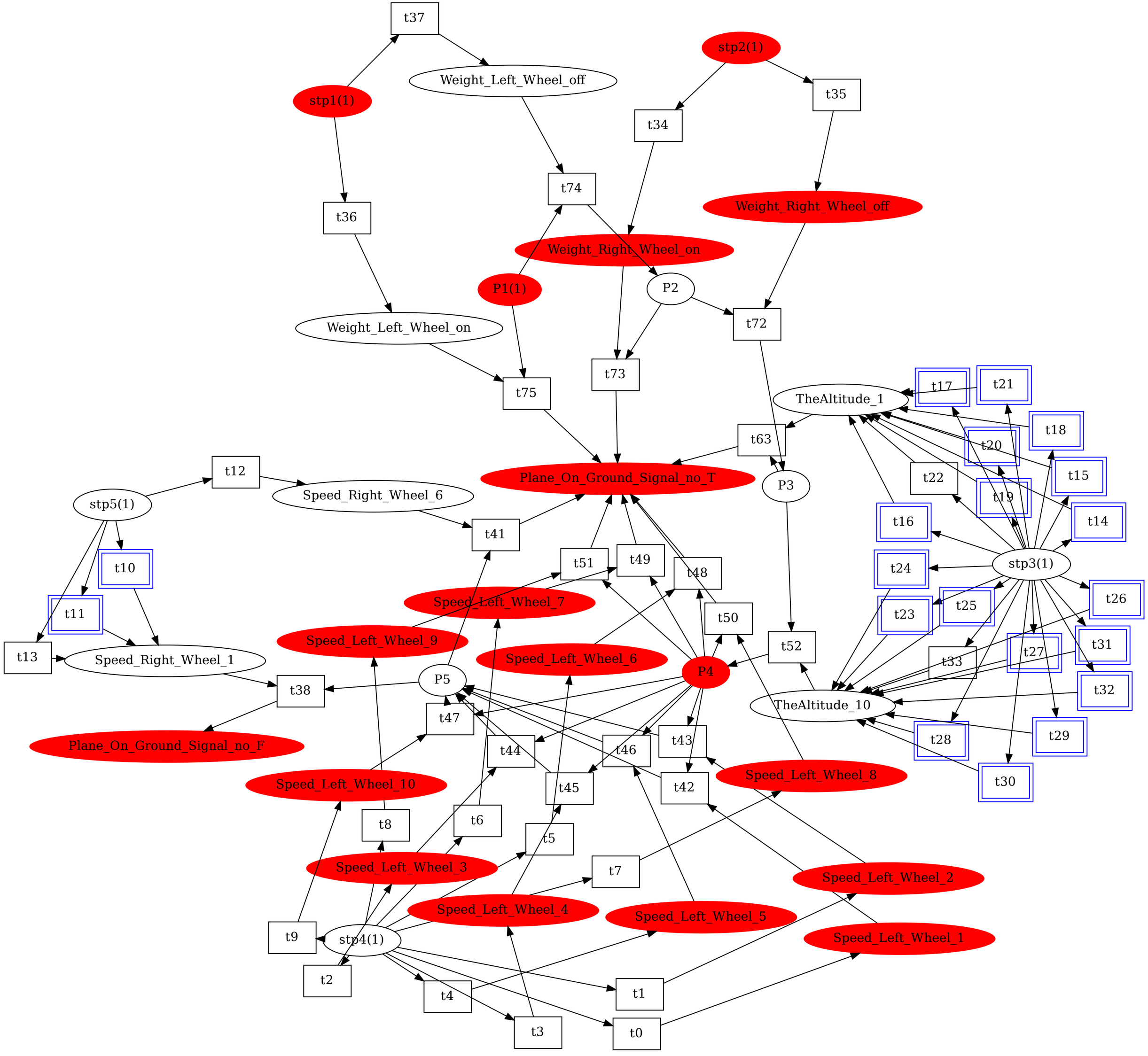
places: 50 trans:76 Symmetric choice/Future Equivalent : fusing TheAltitude_15 into TheAltitude_10



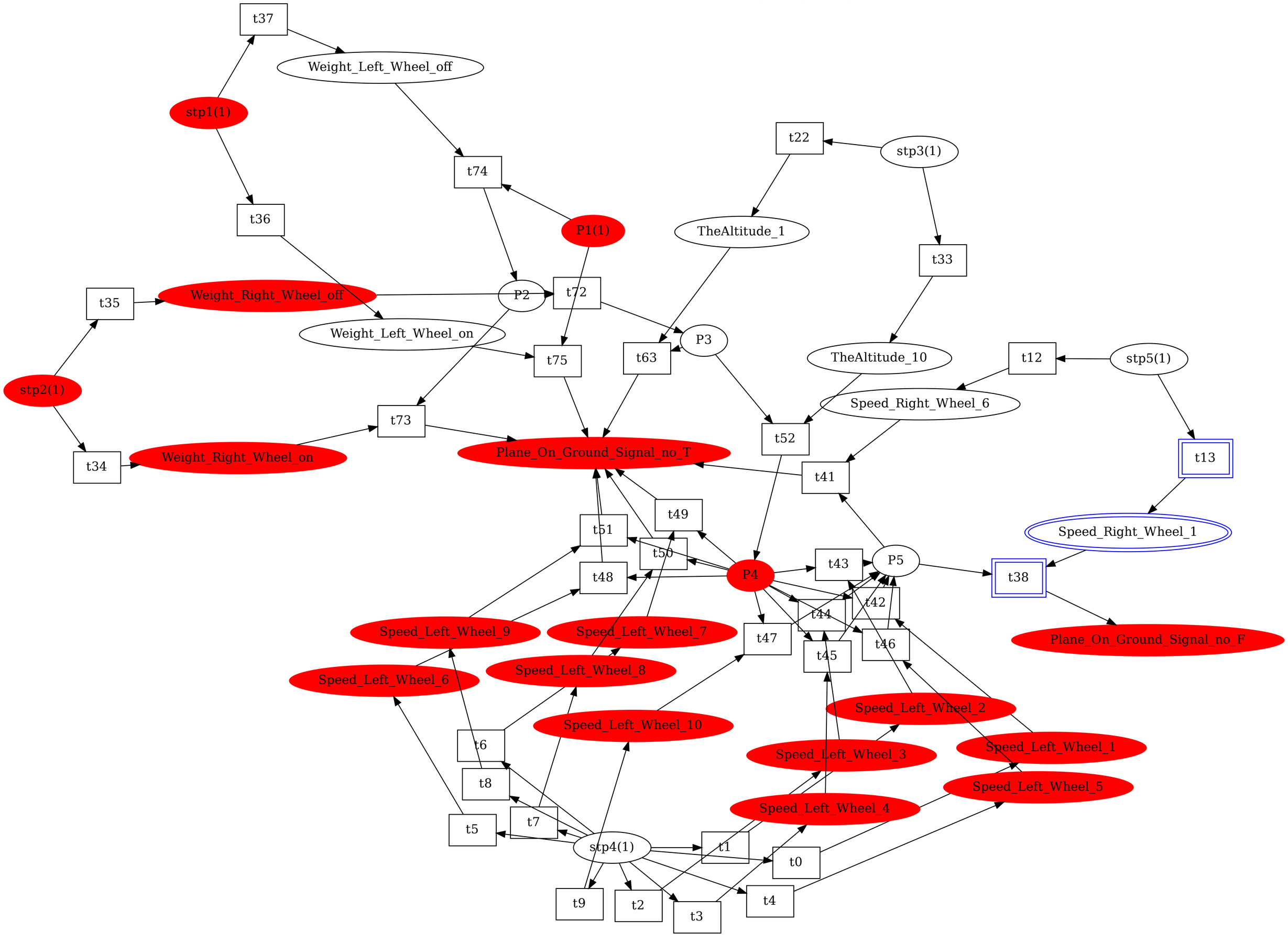
places: 50 trans:76 Constant places reduction[TheAltitude_20, TheAltitude_19, TheAltitude_18, TheAltitude_17, TheAltitude_16, TheAltitude_15, TheAltitude_14, TheAltitude_13, TheAltitude_12, TheAltitude_11, TheAltitude_9, TheAltitude_8, TheAltitude_7, TheAltitude_6, TheAltitude_5, TheAltitude_4, TheAltitude_3, TheAltitude_2, Speed_Right_Wheel_4, Speed_Right_Wheel_2]



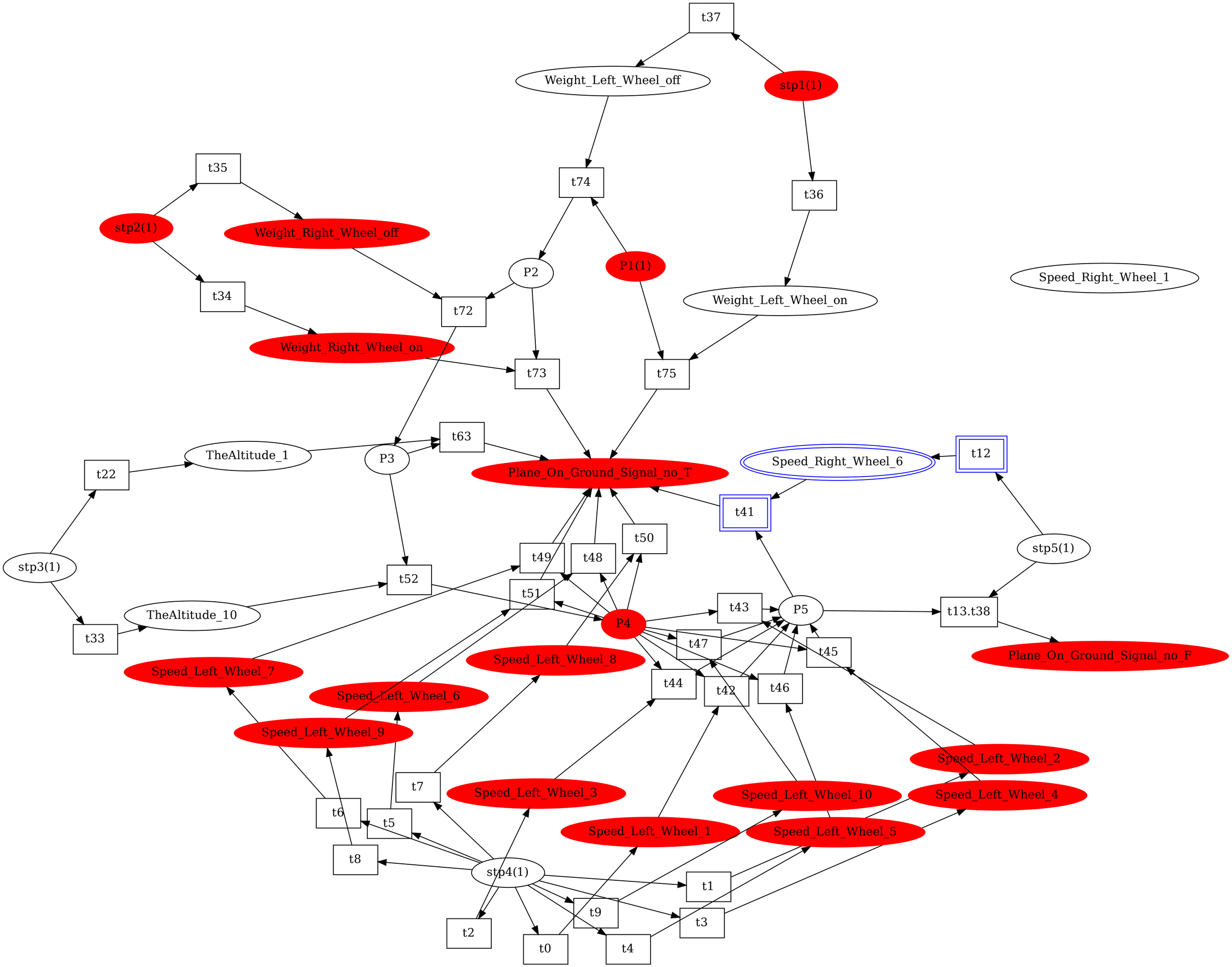
places: 30 trans:56 Unique test discarding 20 objects



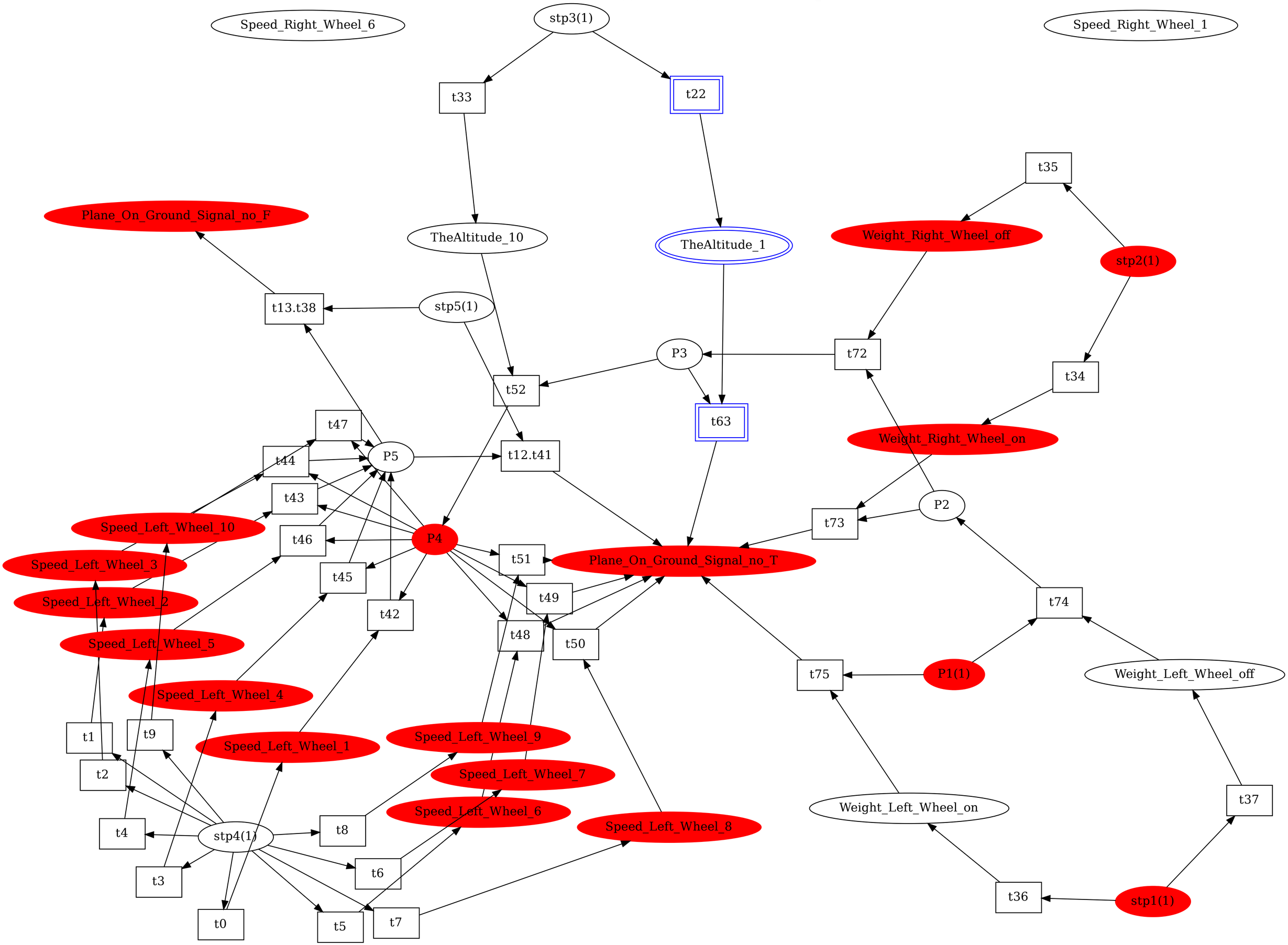
places: 30 trans:36 Free-Agglomerating place :Speed_Right_Wheel_1



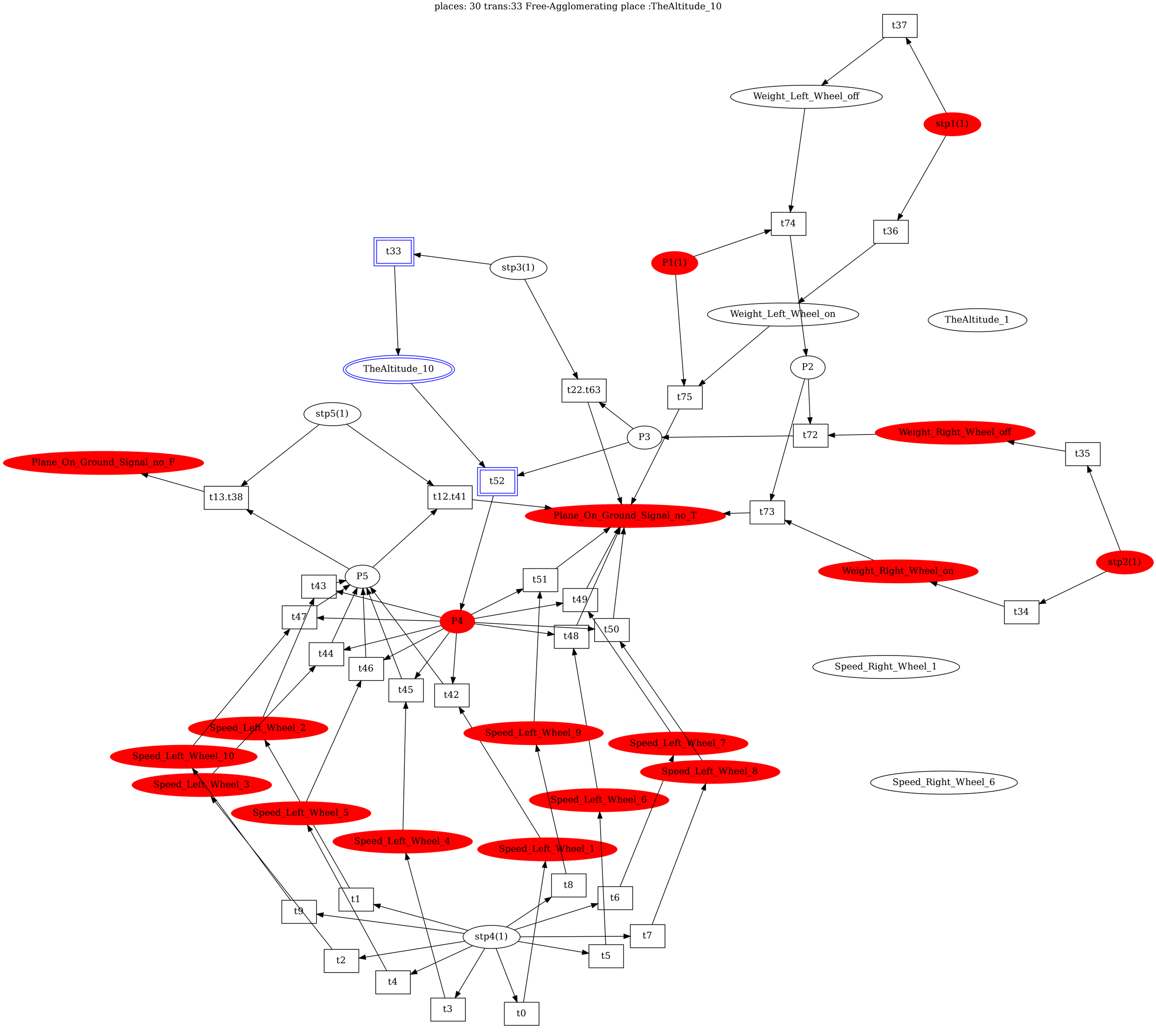
places: 30 trans:35 Free-Agglomerating place :Speed_Right_Wheel_6



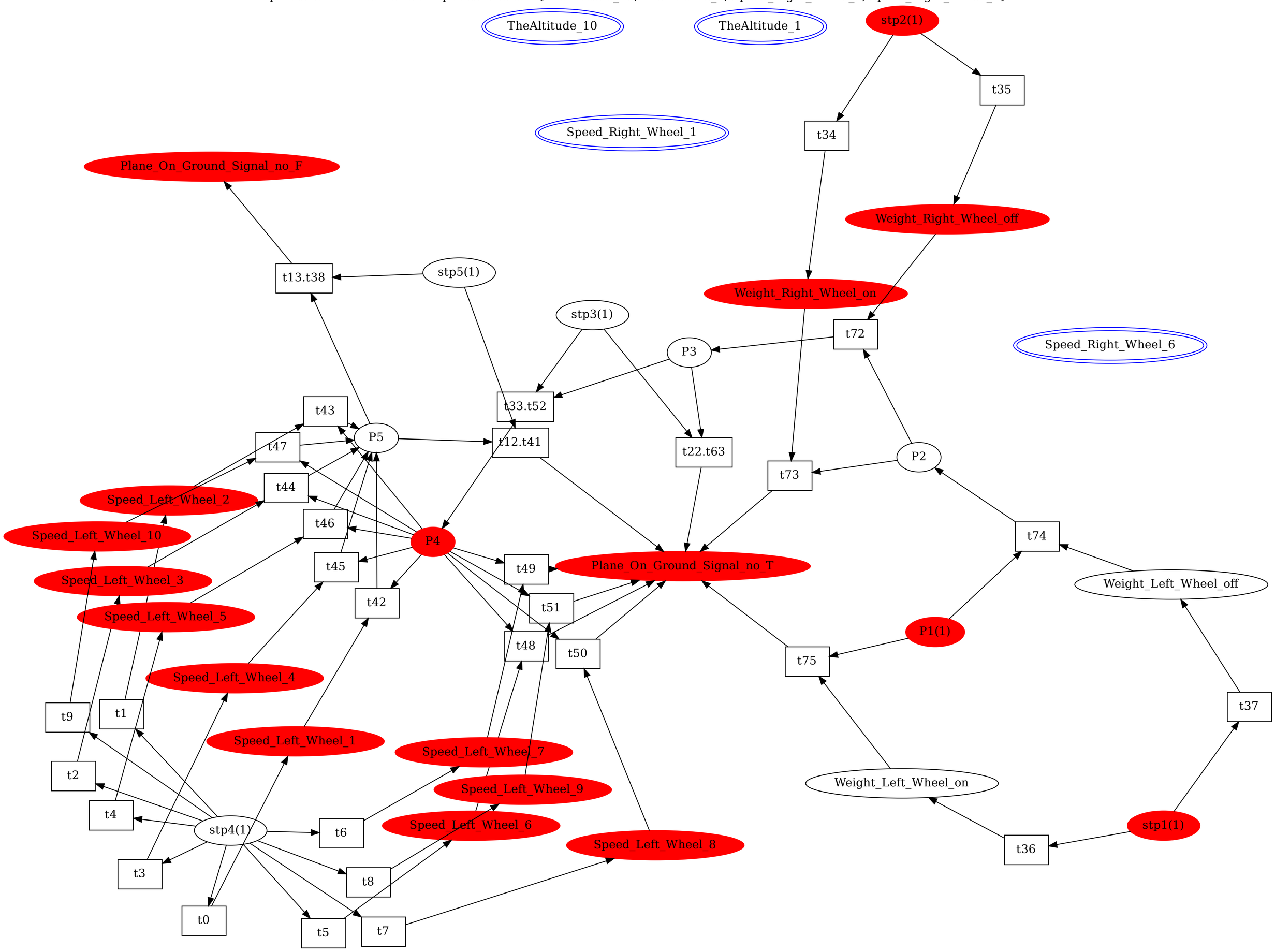
places: 30 trans:34 Free-Agglomerating place :TheAltitude_1



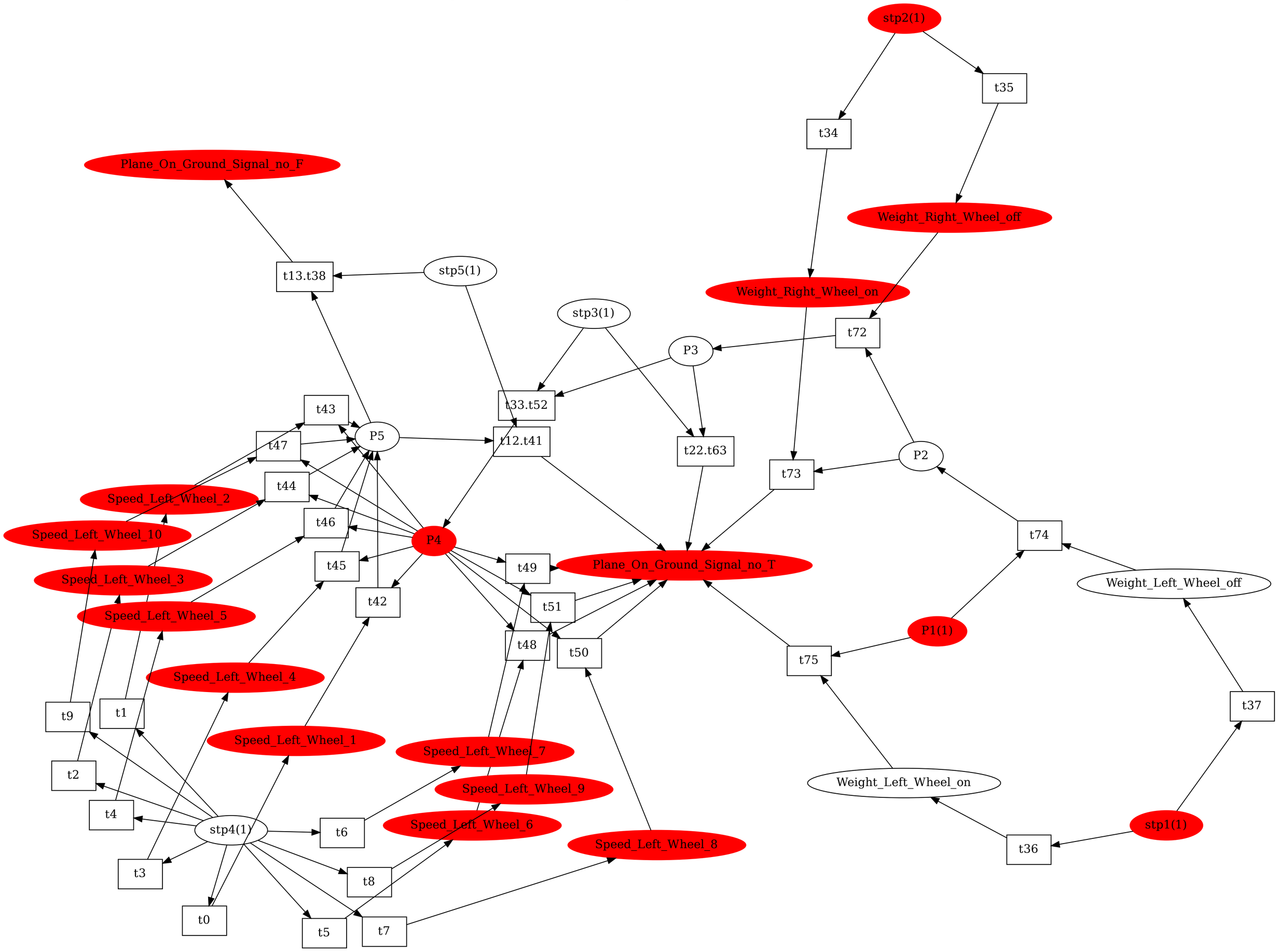
places: 30 trans:33 Free-Agglomerating place :TheAltitude_10



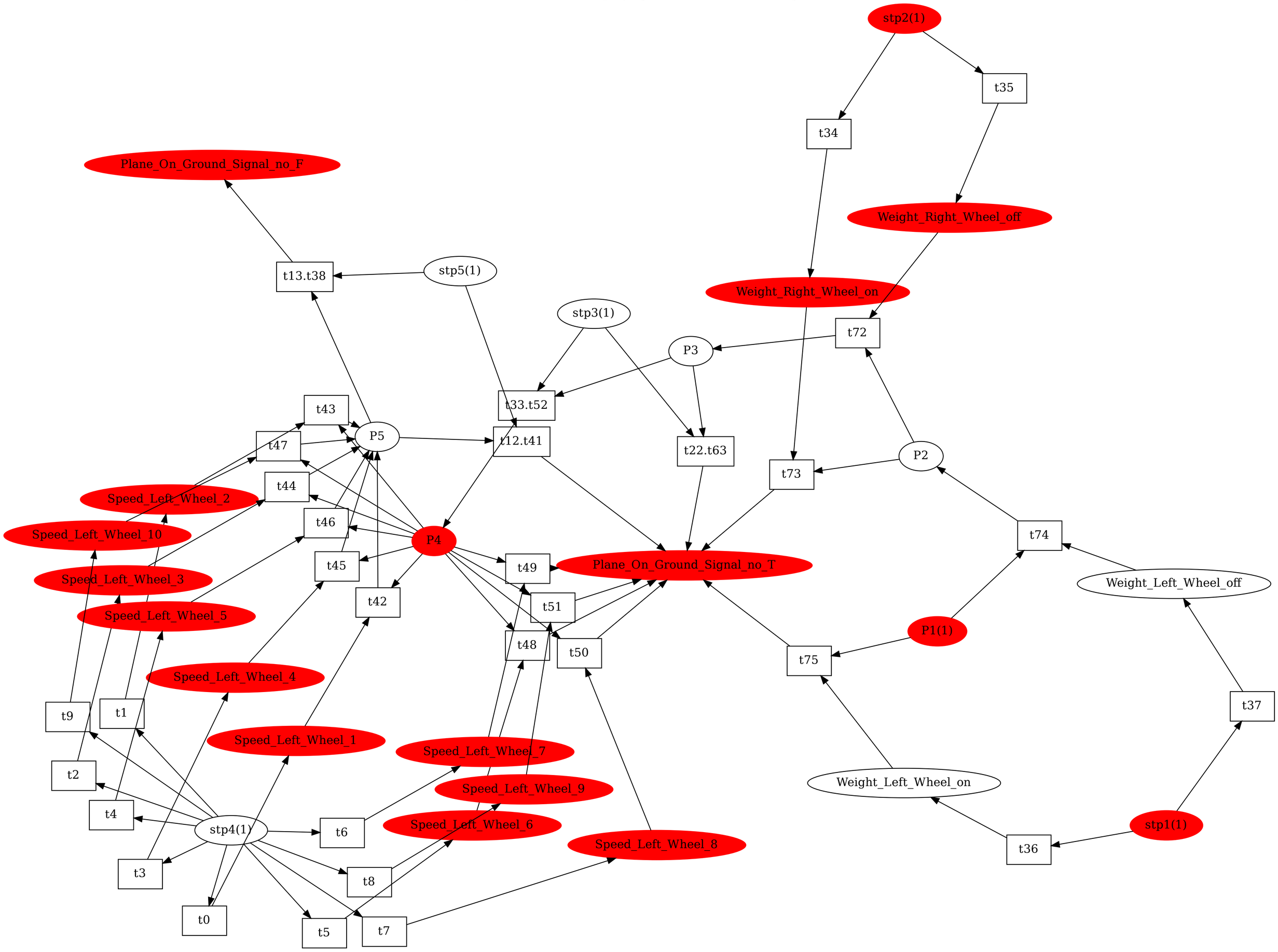
places: 30 trans:32 Constant places reduction[TheAltitude_10, TheAltitude_1, Speed_Right_Wheel_6, Speed_Right_Wheel_1]



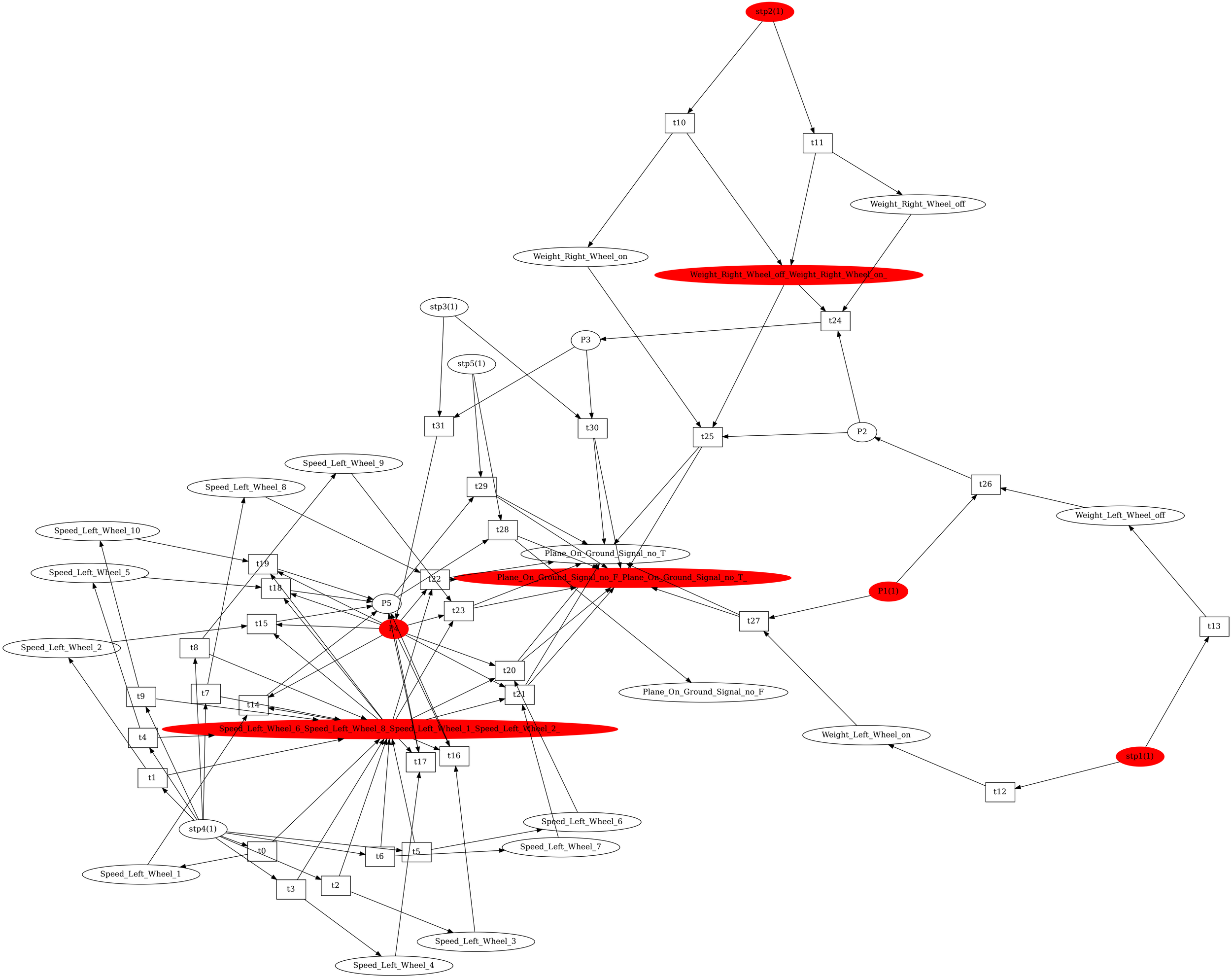
places: 26 trans:32 At convergence for reductions without SMT.



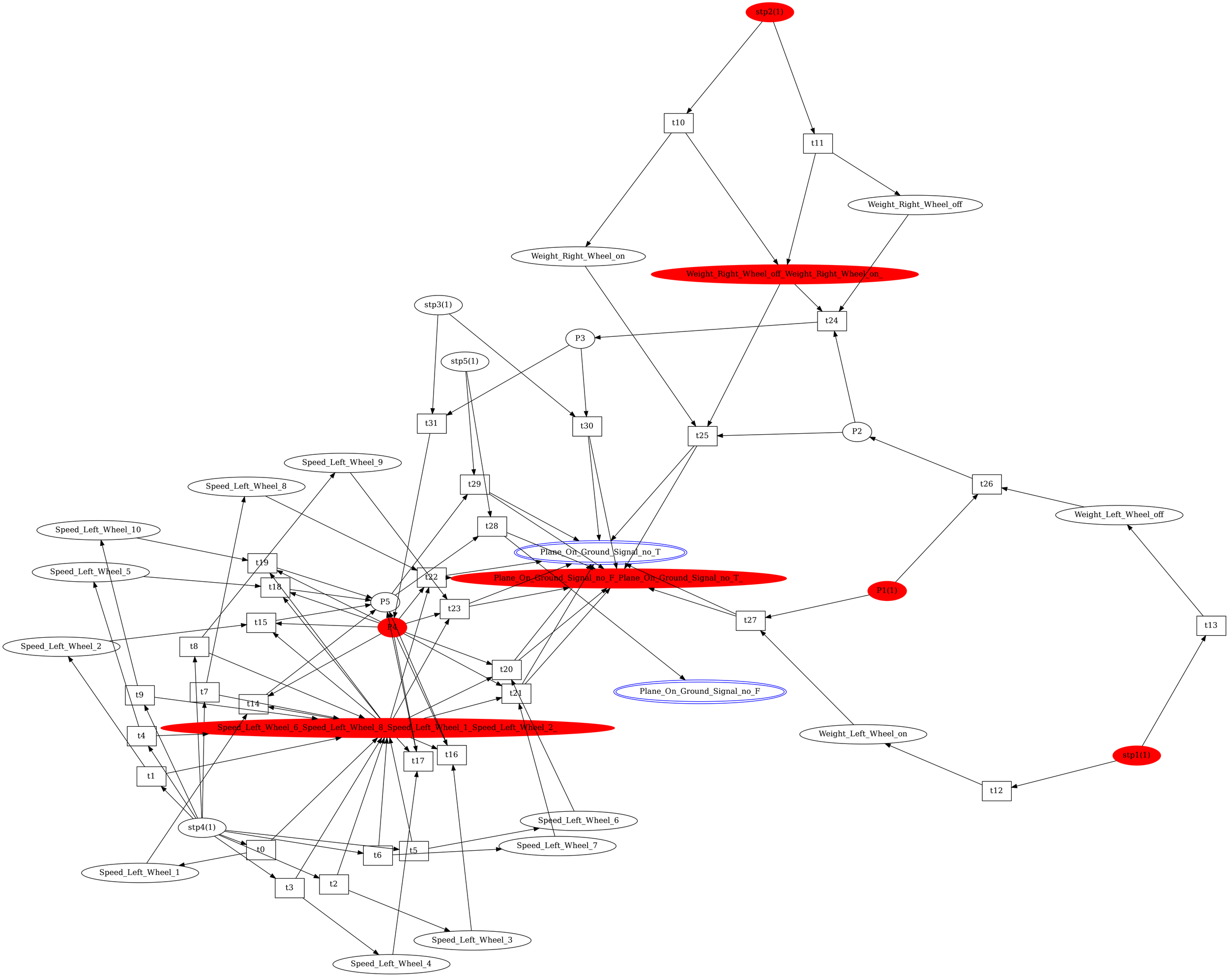
places: 26 trans:32 Simplifying constants used in the logic.



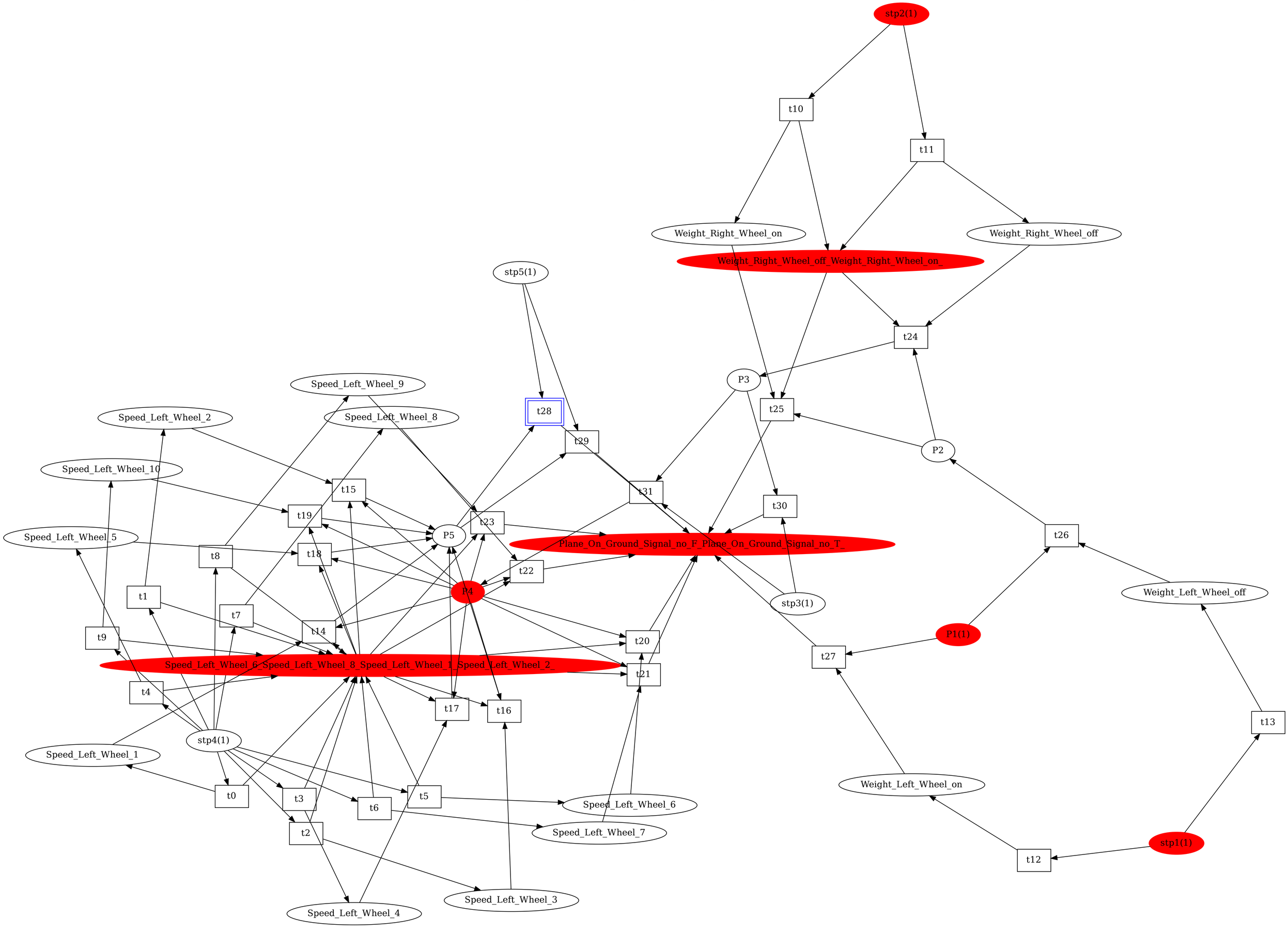
places: 29 trans:32 Before Reduction Start



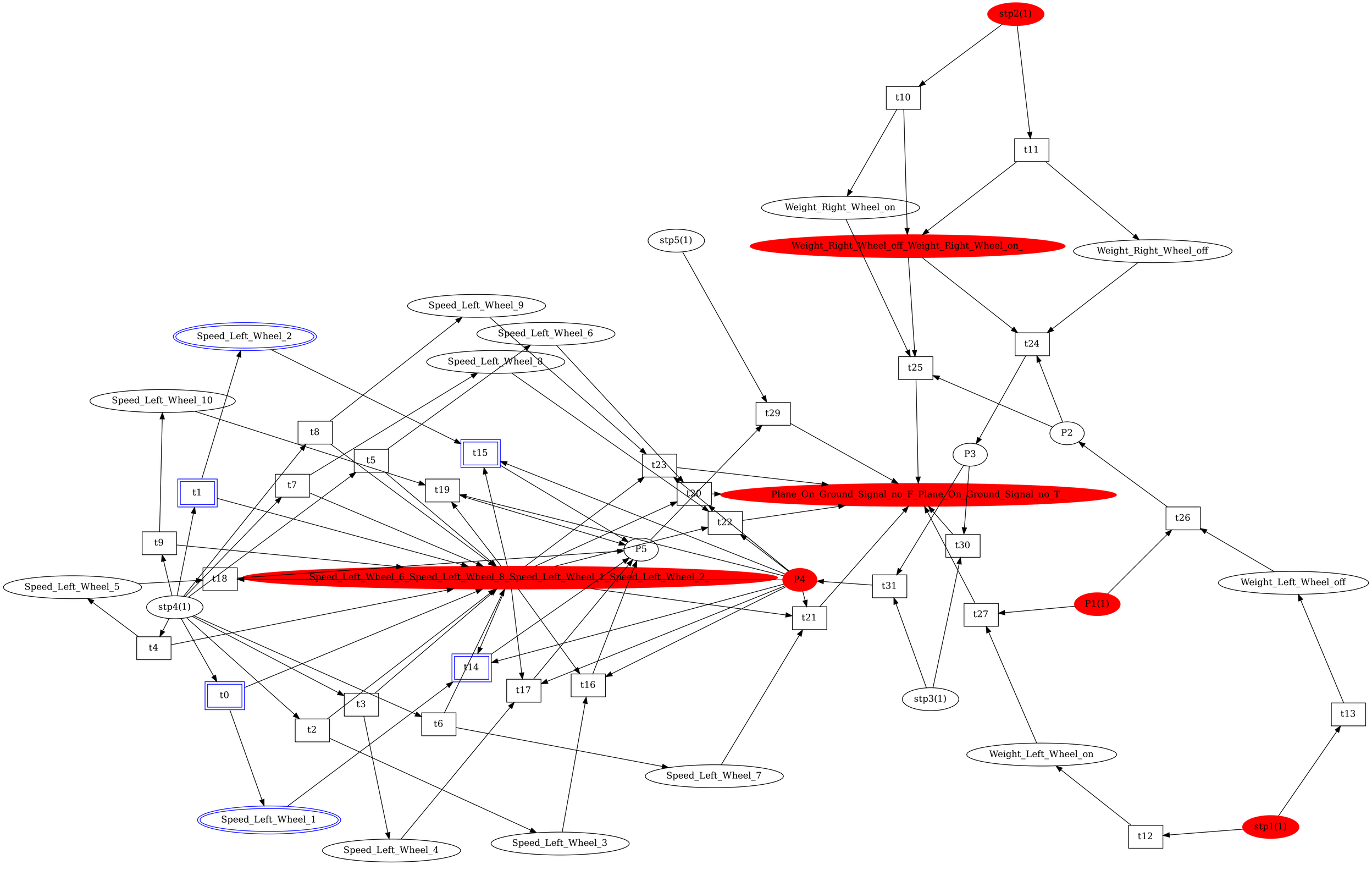
places: 29 trans:32 Discarding 2 places with rule Prefix Of Interest discarding 2 places



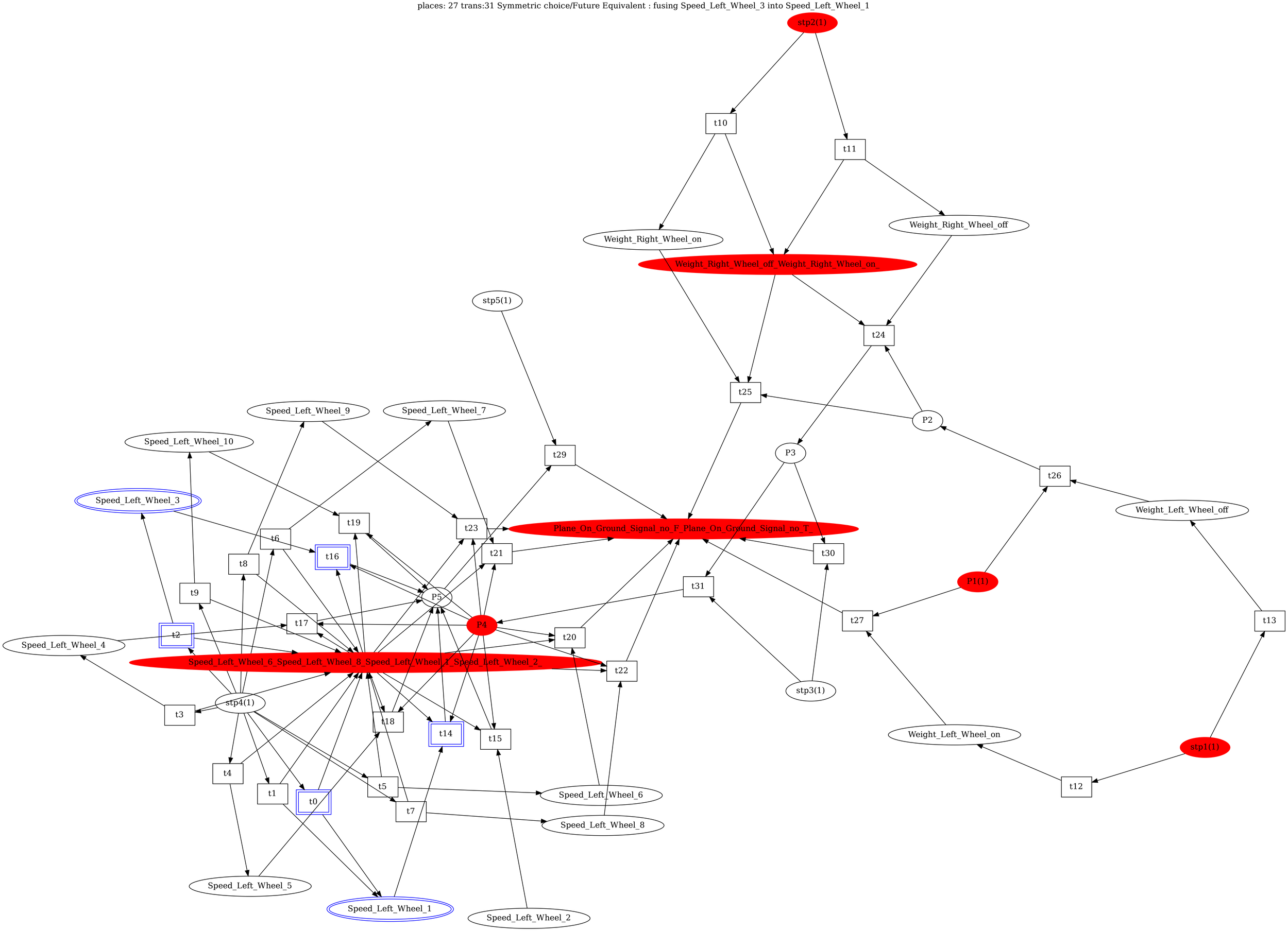
places: 27 trans:32 Unique test discarding 1 objects



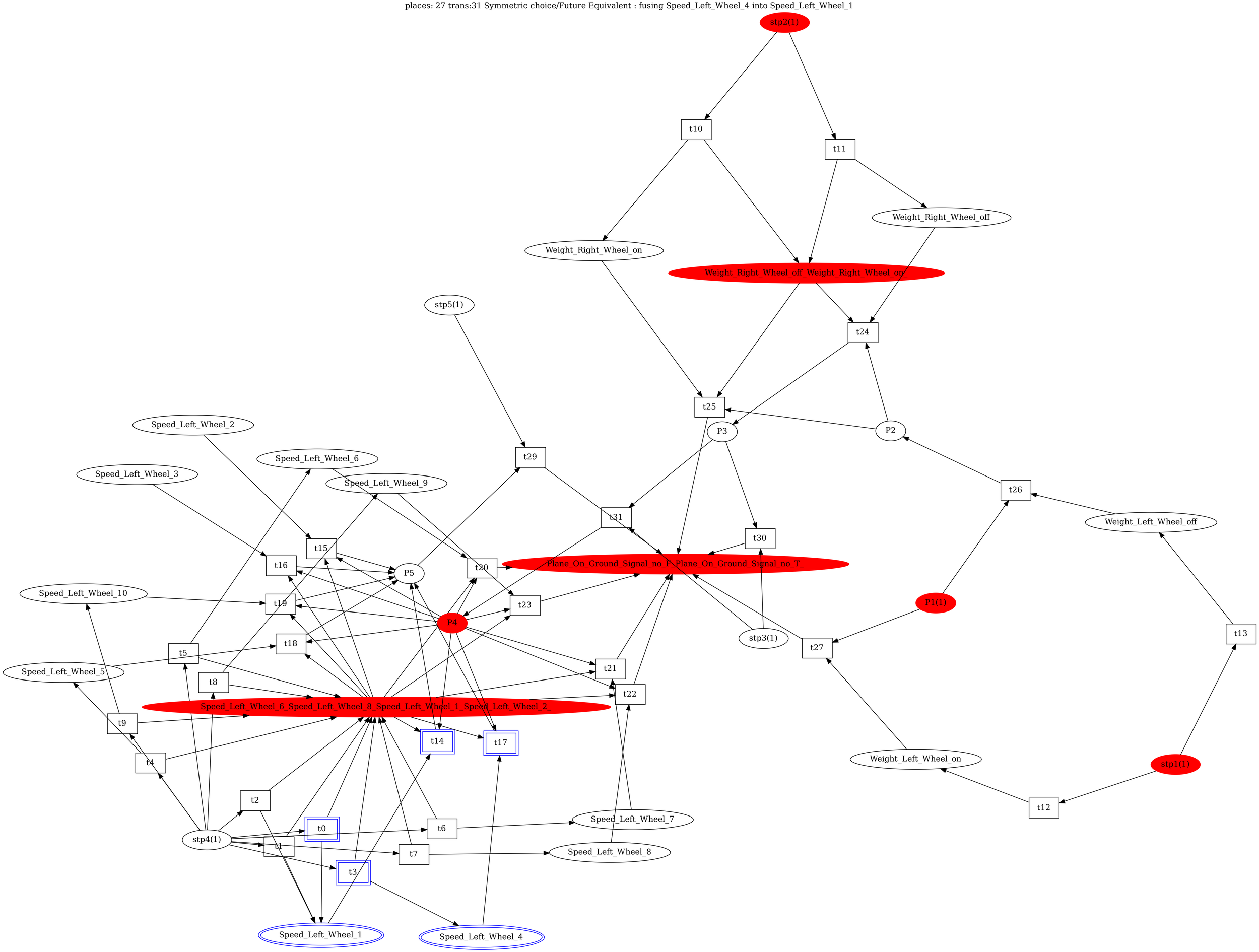
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_2 into Speed_Left_Wheel_1



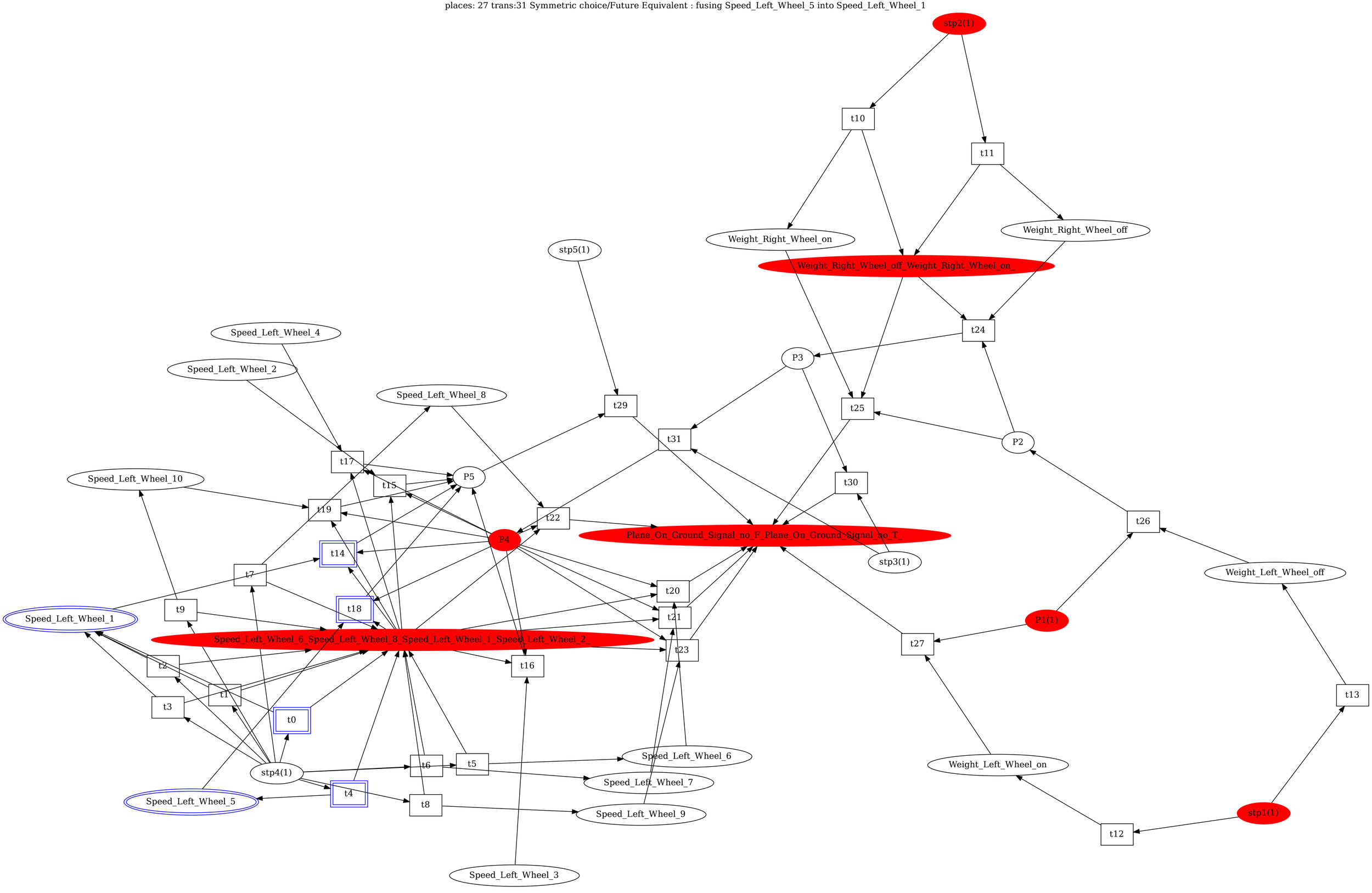
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_3 into Speed_Left_Wheel_1



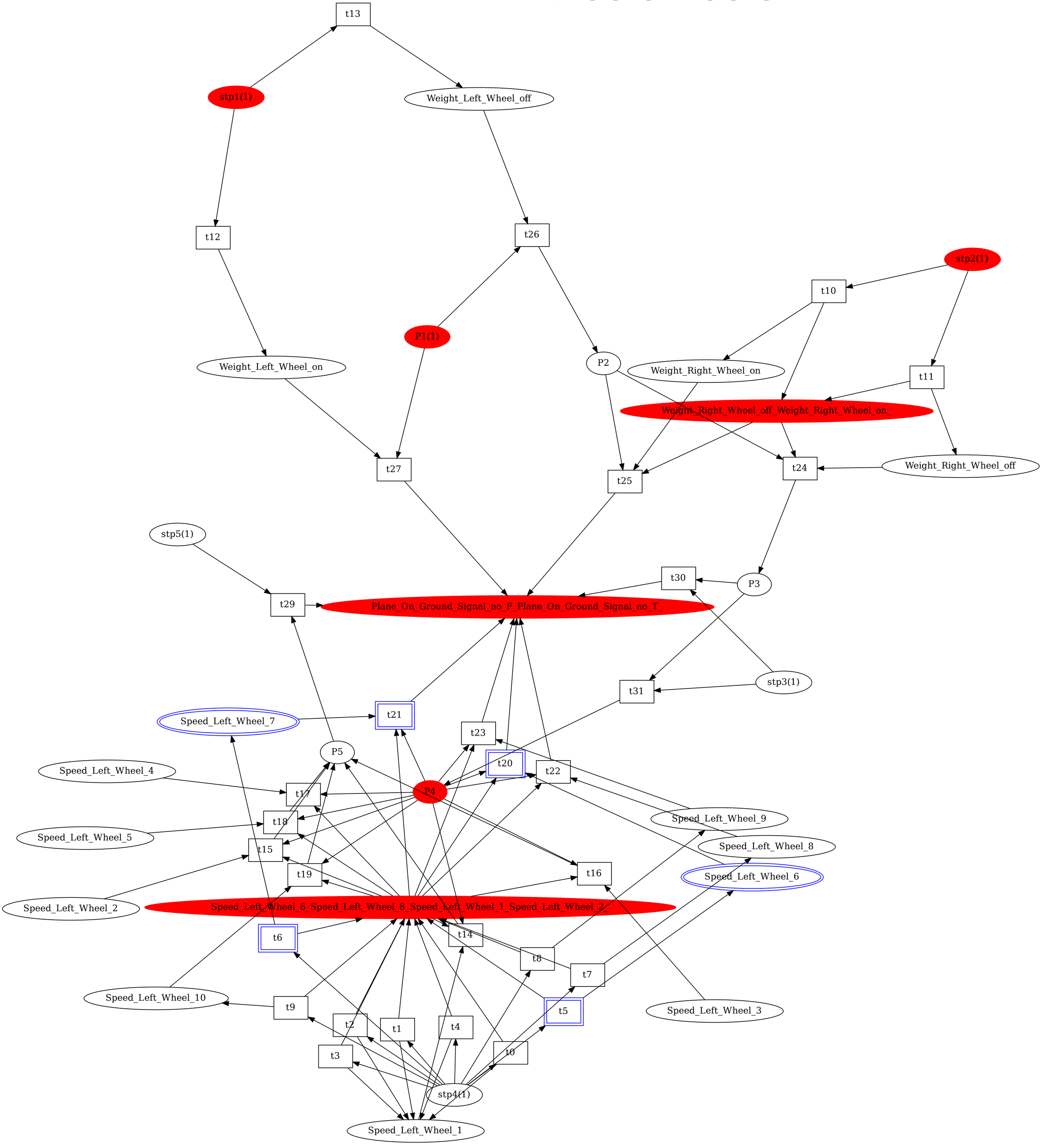
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_4 into Speed_Left_Wheel_1



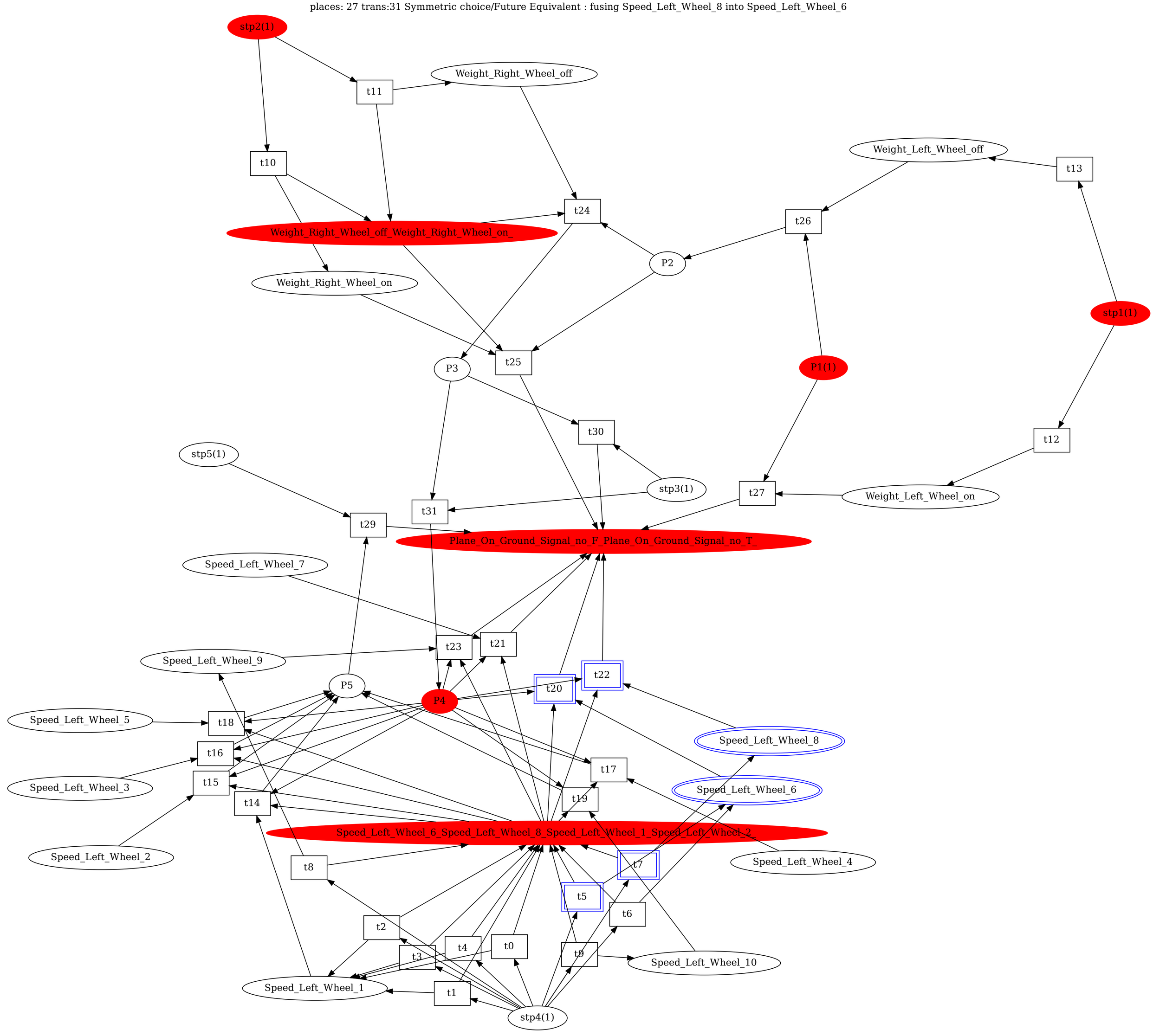
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_5 into Speed_Left_Wheel_1



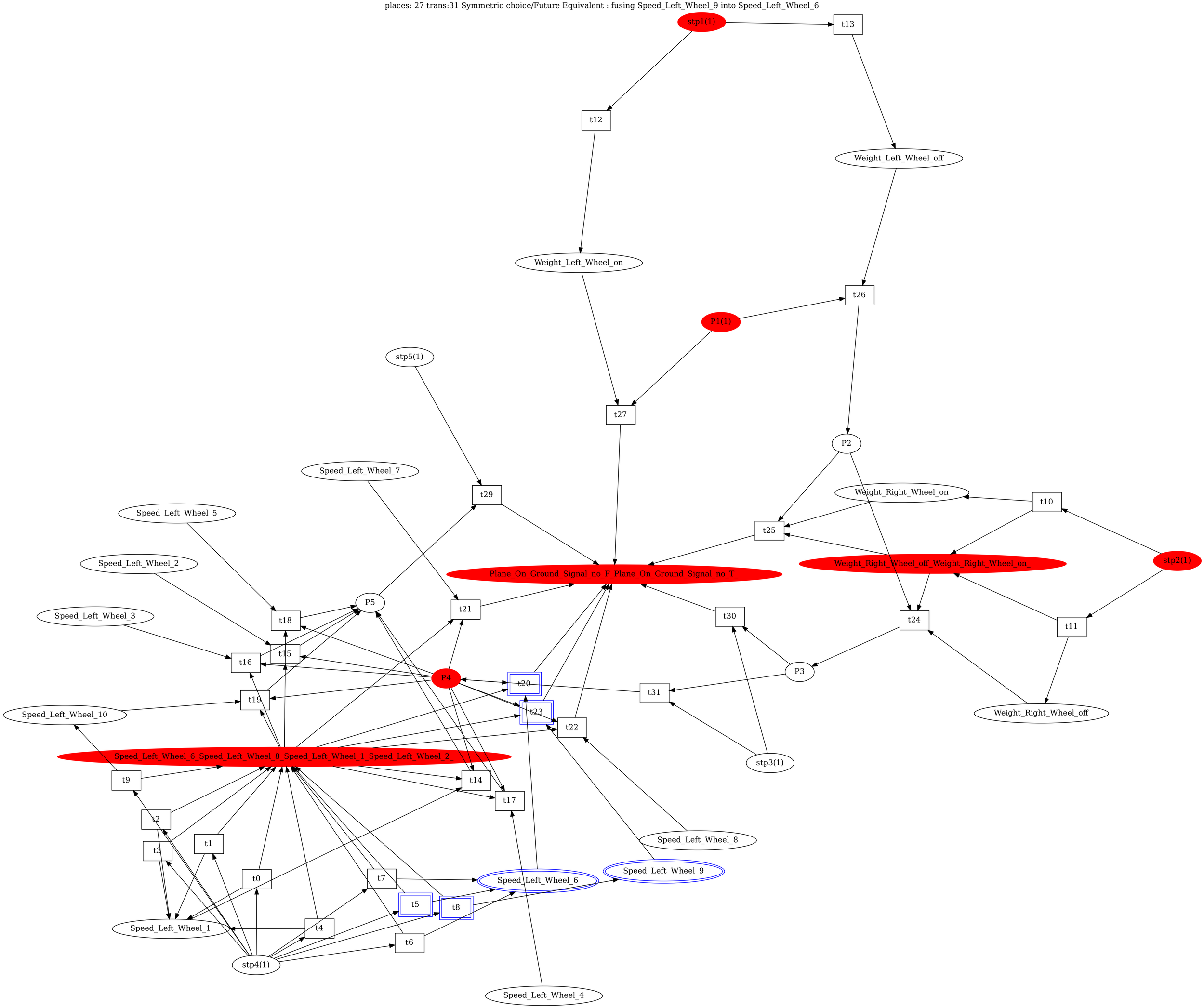
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_7 into Speed_Left_Wheel_6



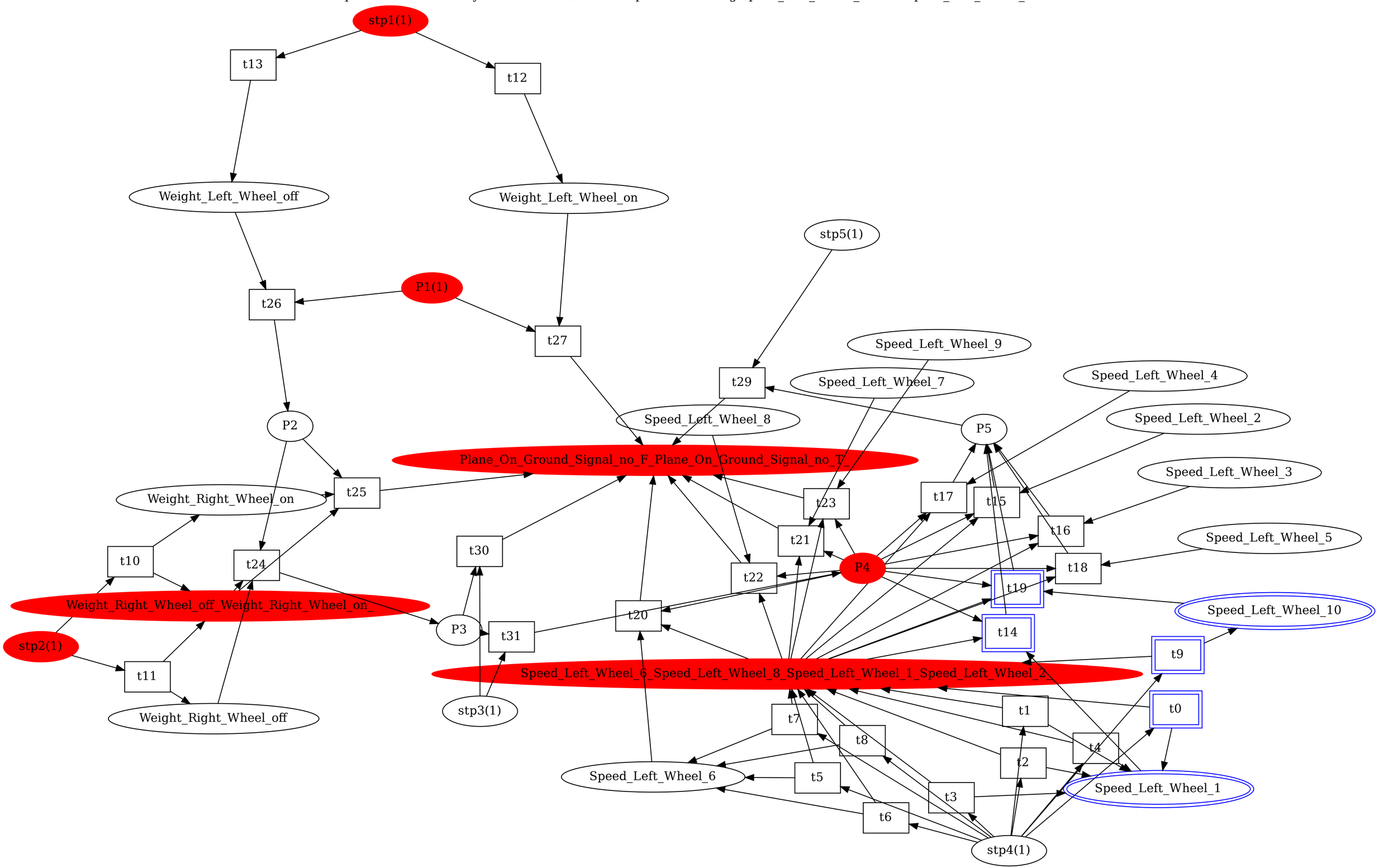
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_8 into Speed_Left_Wheel_6



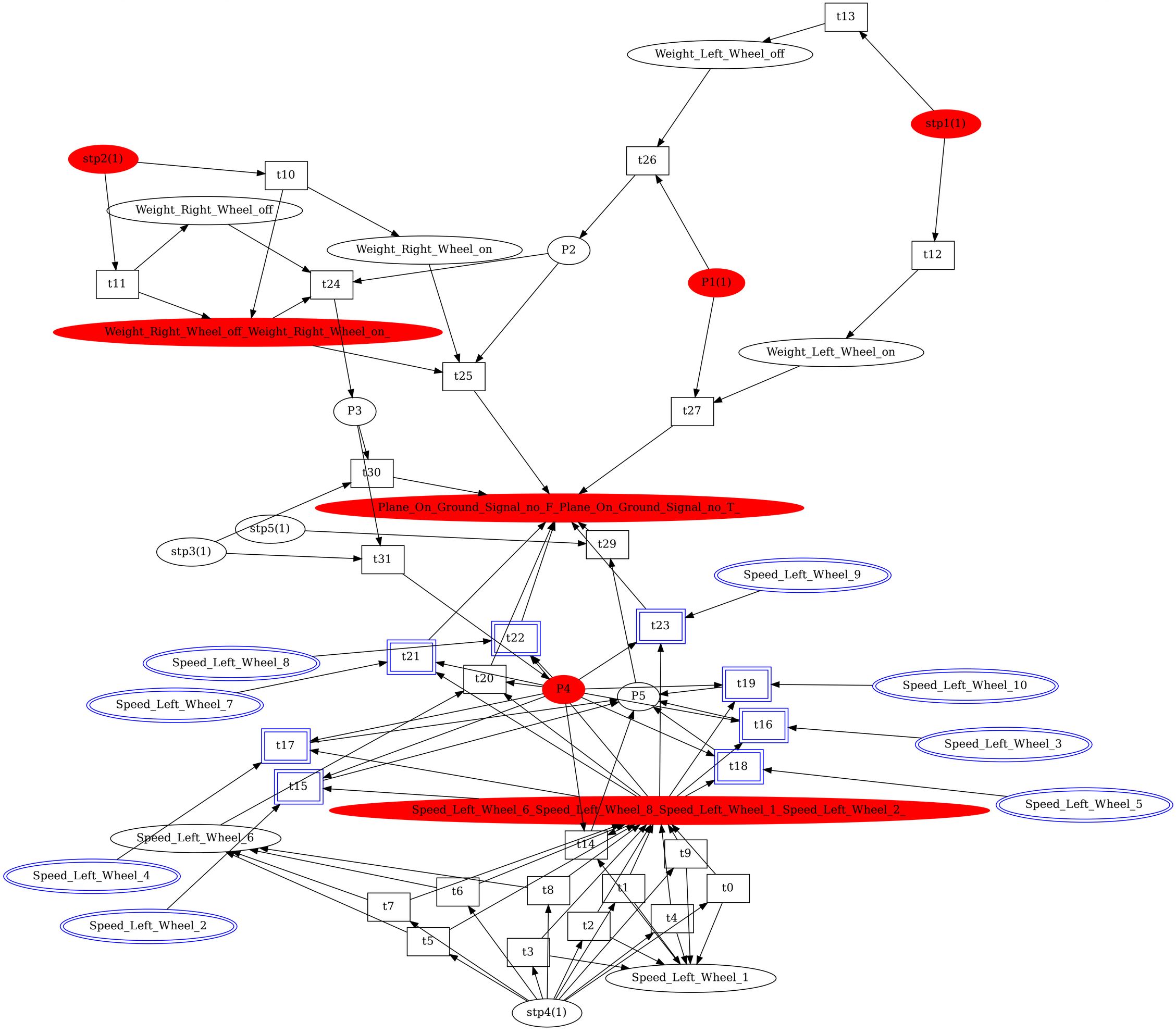
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_9 into Speed_Left_Wheel_6



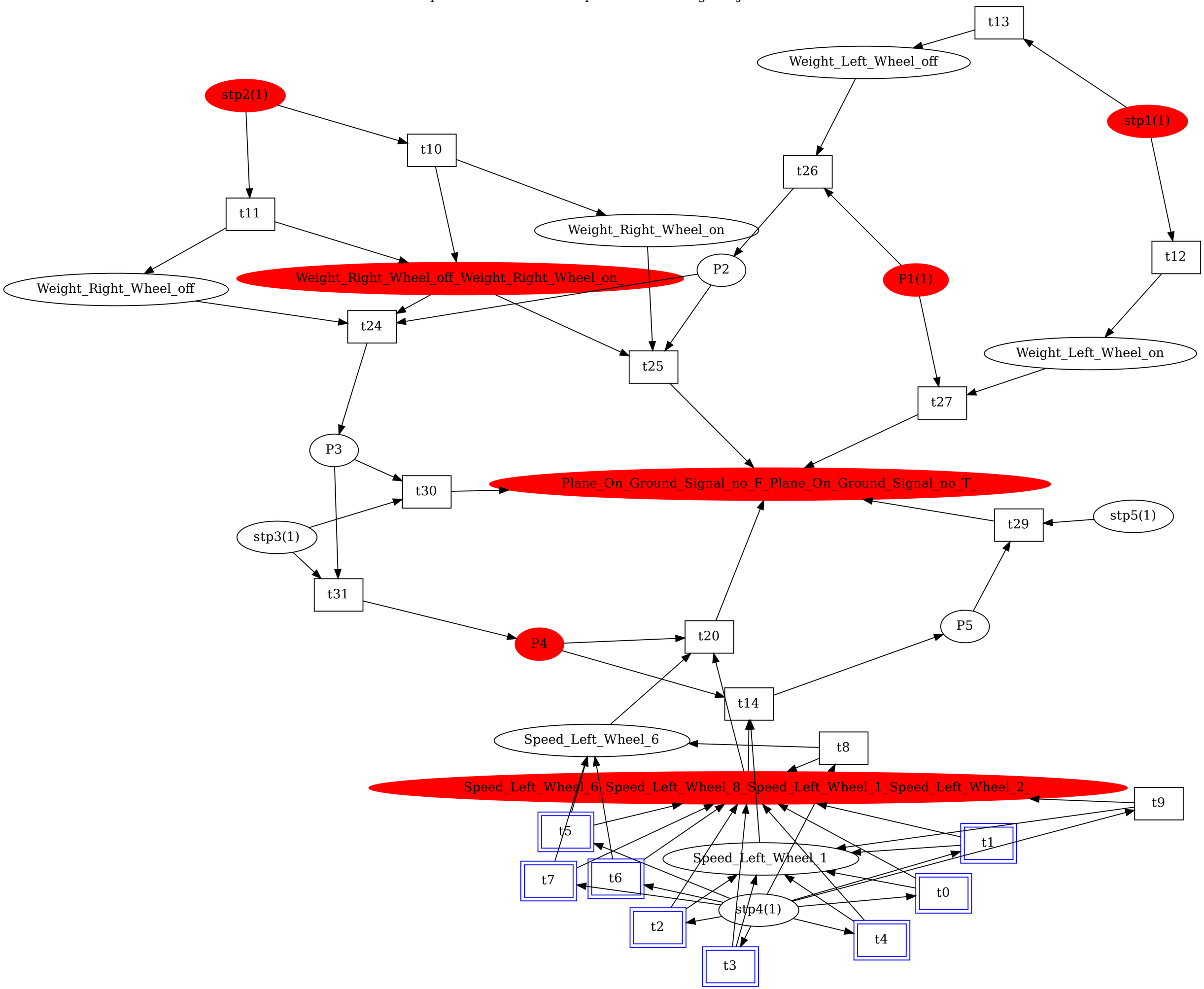
places: 27 trans:31 Symmetric choice/Future Equivalent : fusing Speed_Left_Wheel_10 into Speed_Left_Wheel_1



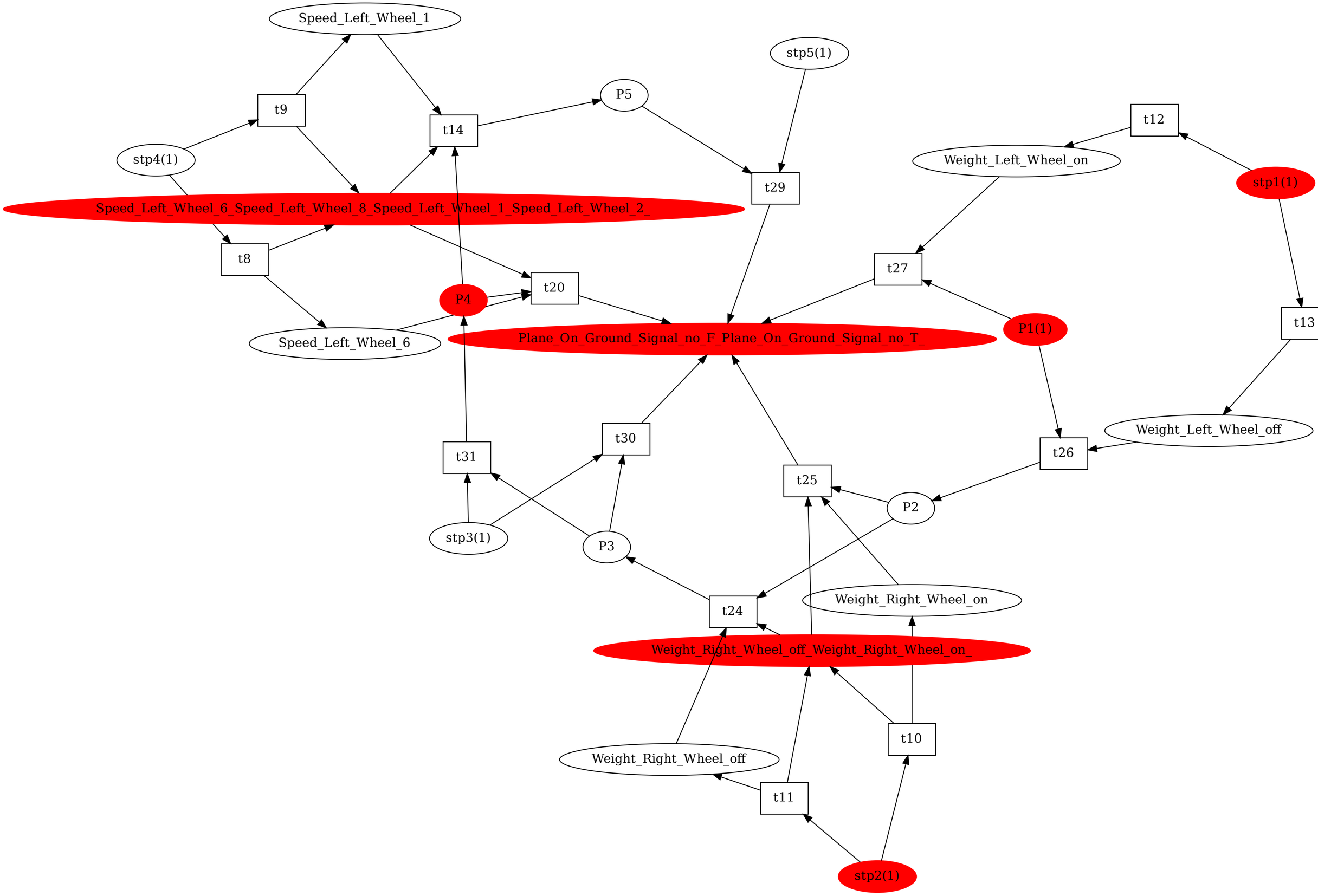
places: 27 trans:31 Constant places reduction[Speed_Left_Wheel_10, Speed_Left_Wheel_9, Speed_Left_Wheel_8, Speed_Left_Wheel_7, Speed_Left_Wheel_5, Speed_Left_Wheel_4, Speed_Left_Wheel_3, Speed_Left_Wheel_2]



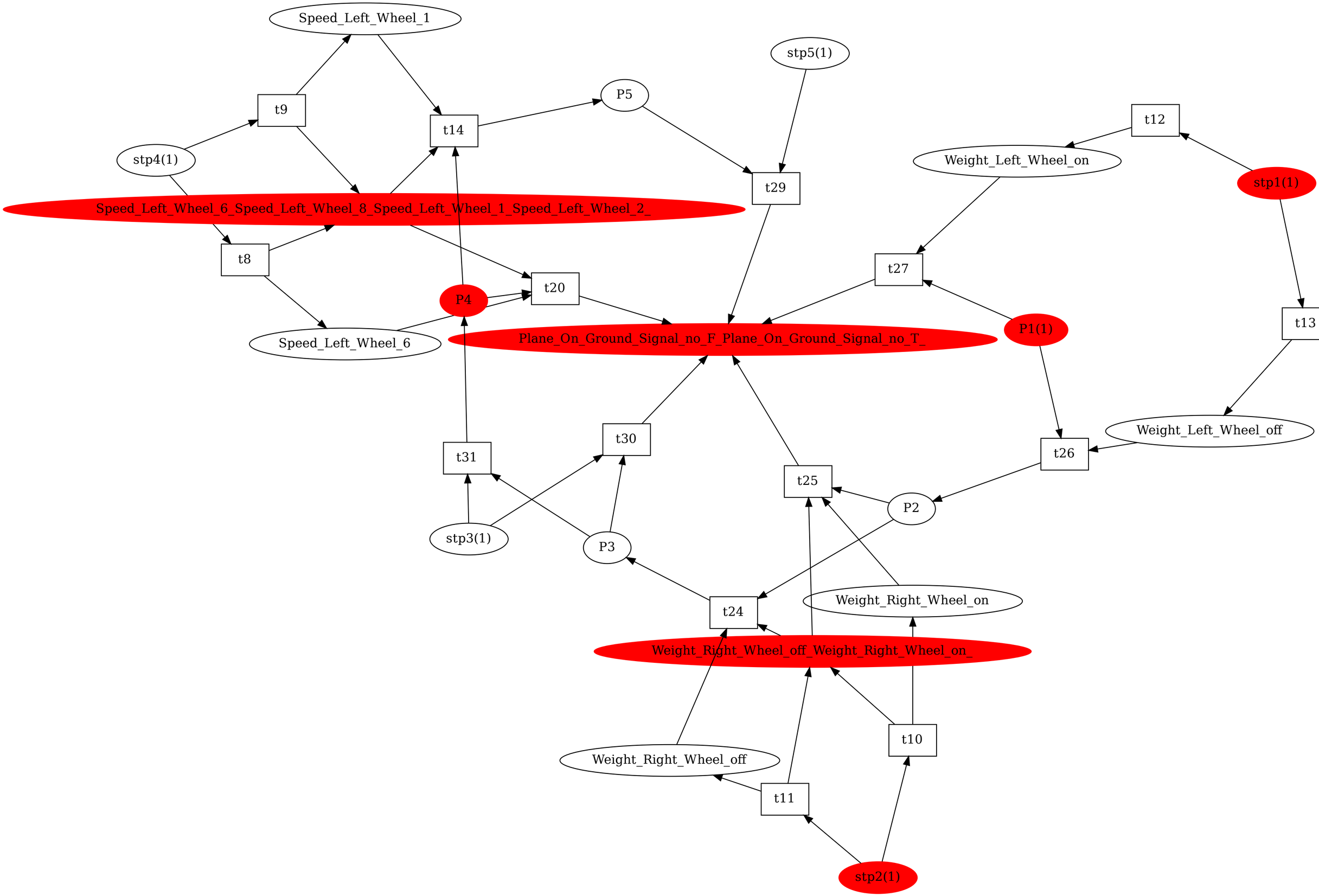
places: 19 trans:23 Unique test discarding 8 objects



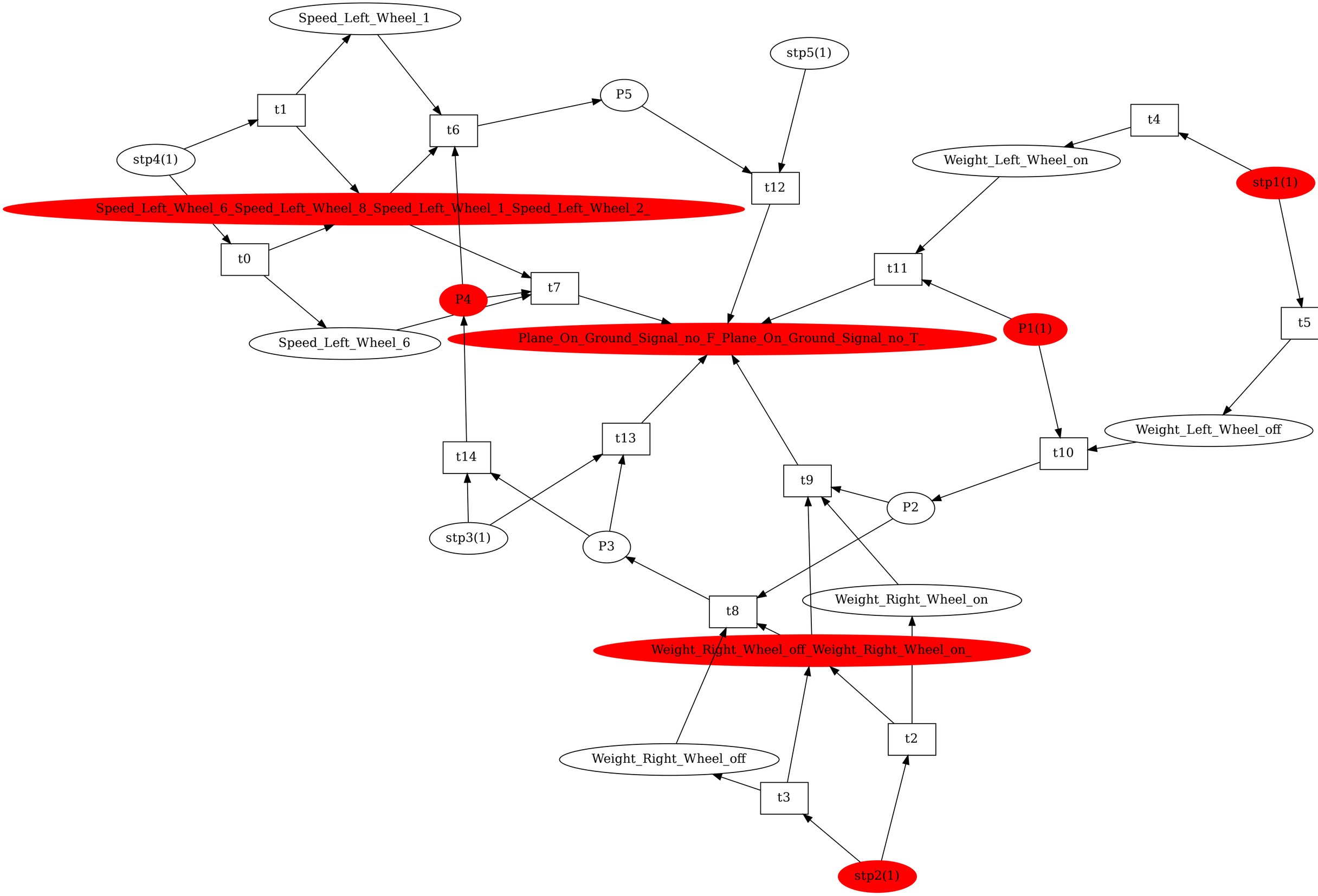
places: 19 trans:15 At convergence for reductions without SMT.



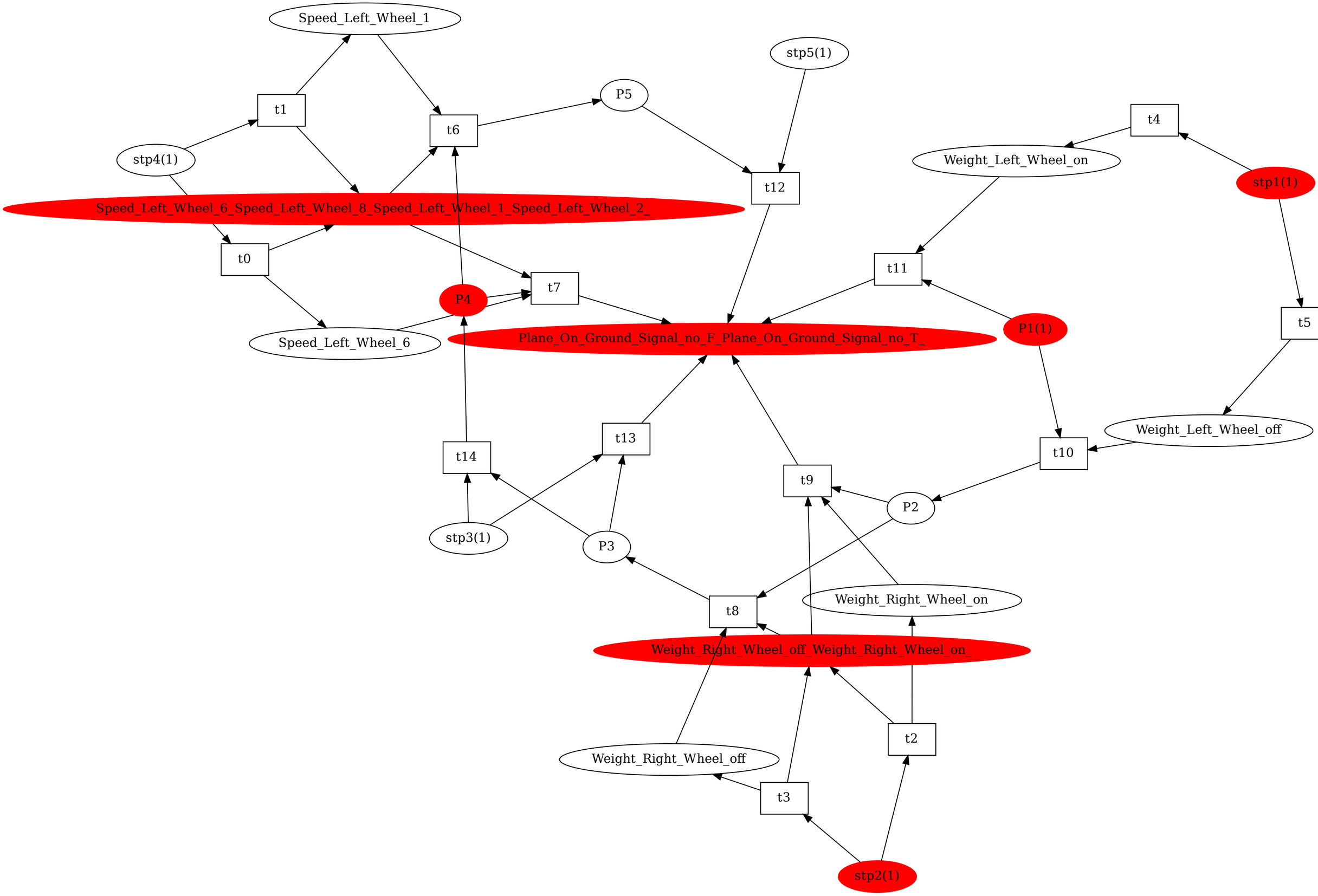
places: 19 trans:15 Simplifying constants used in the logic.



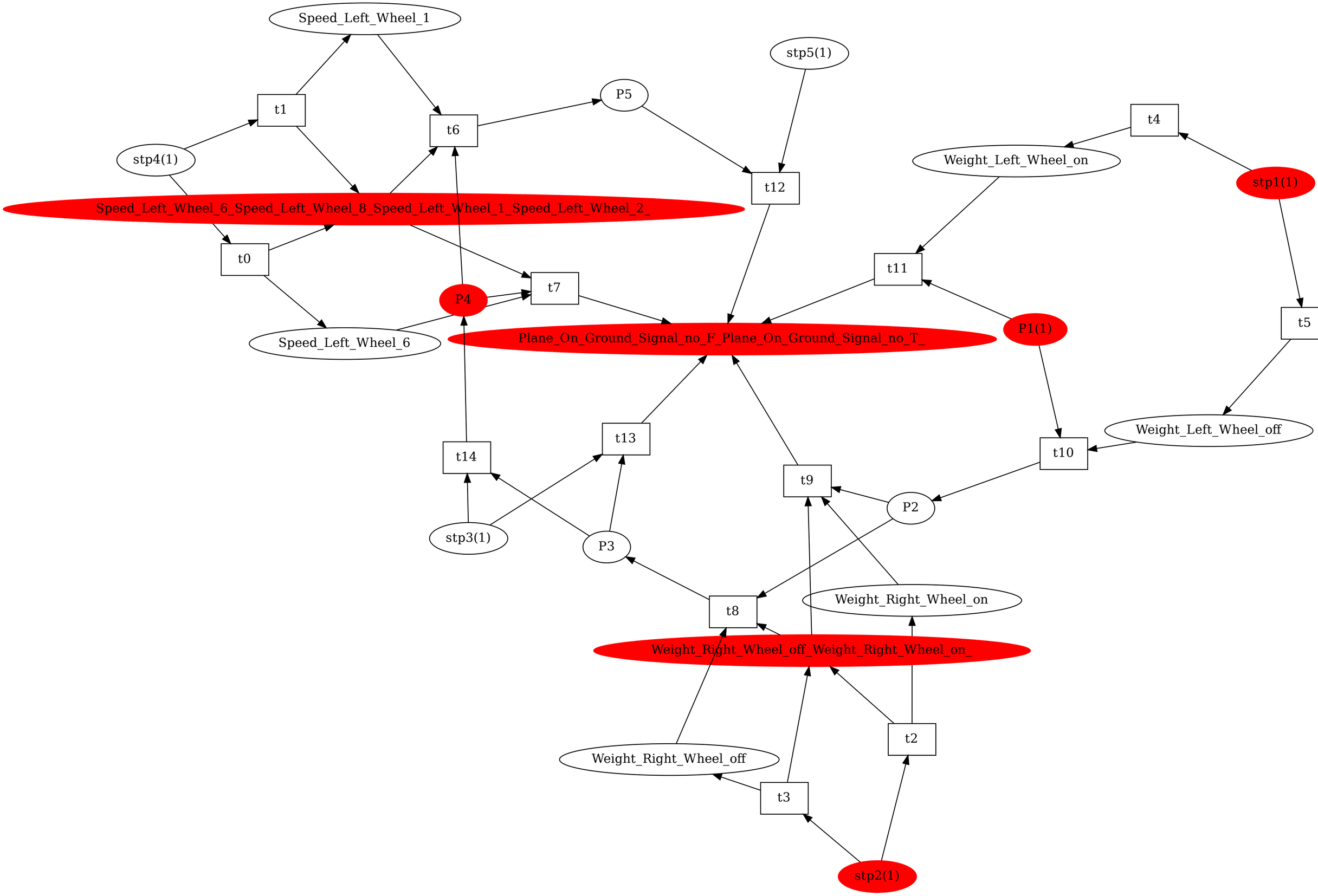
places: 19 trans:15 Before Reduction Start



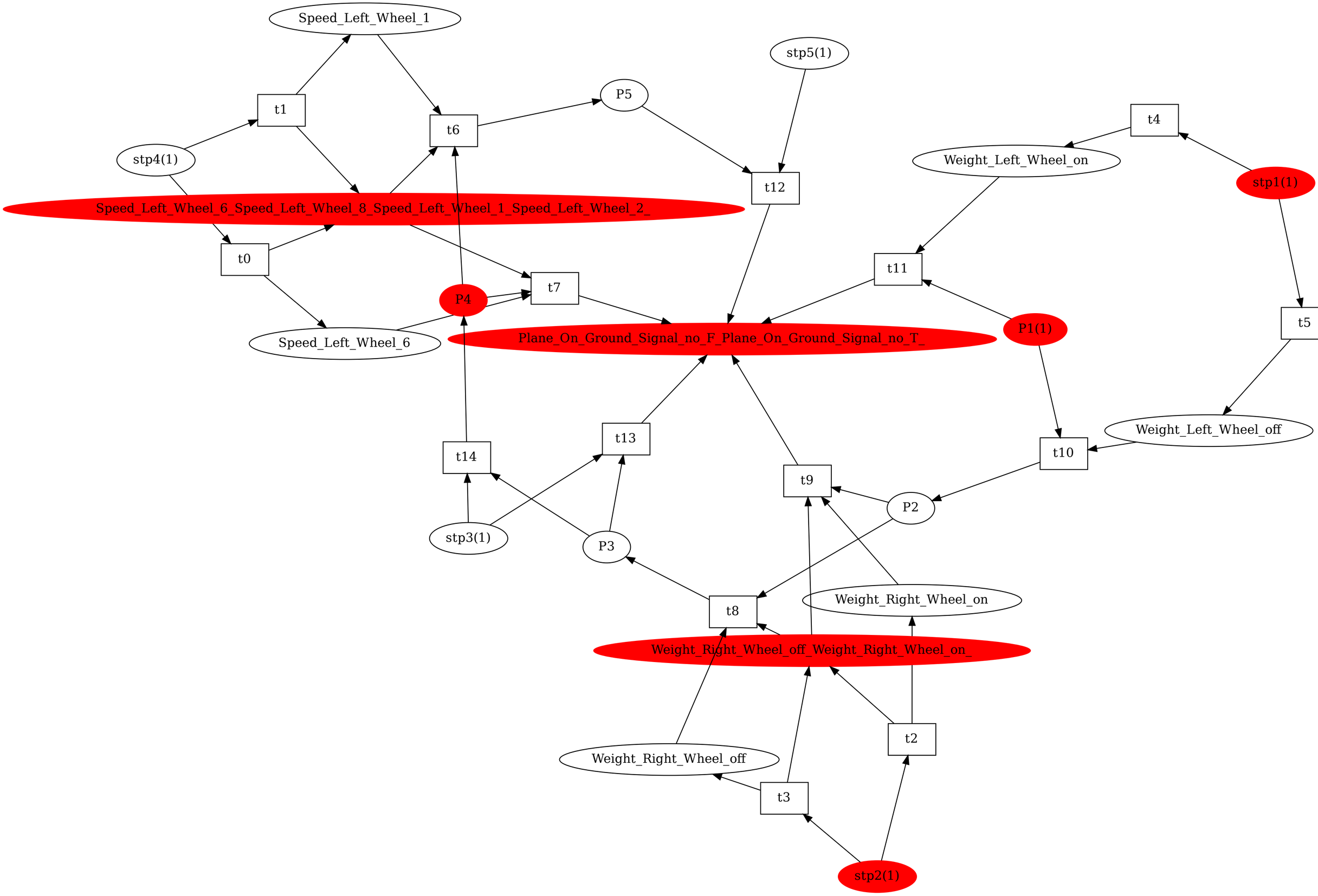
places: 19 trans:15 At convergence for reductions without SMT.

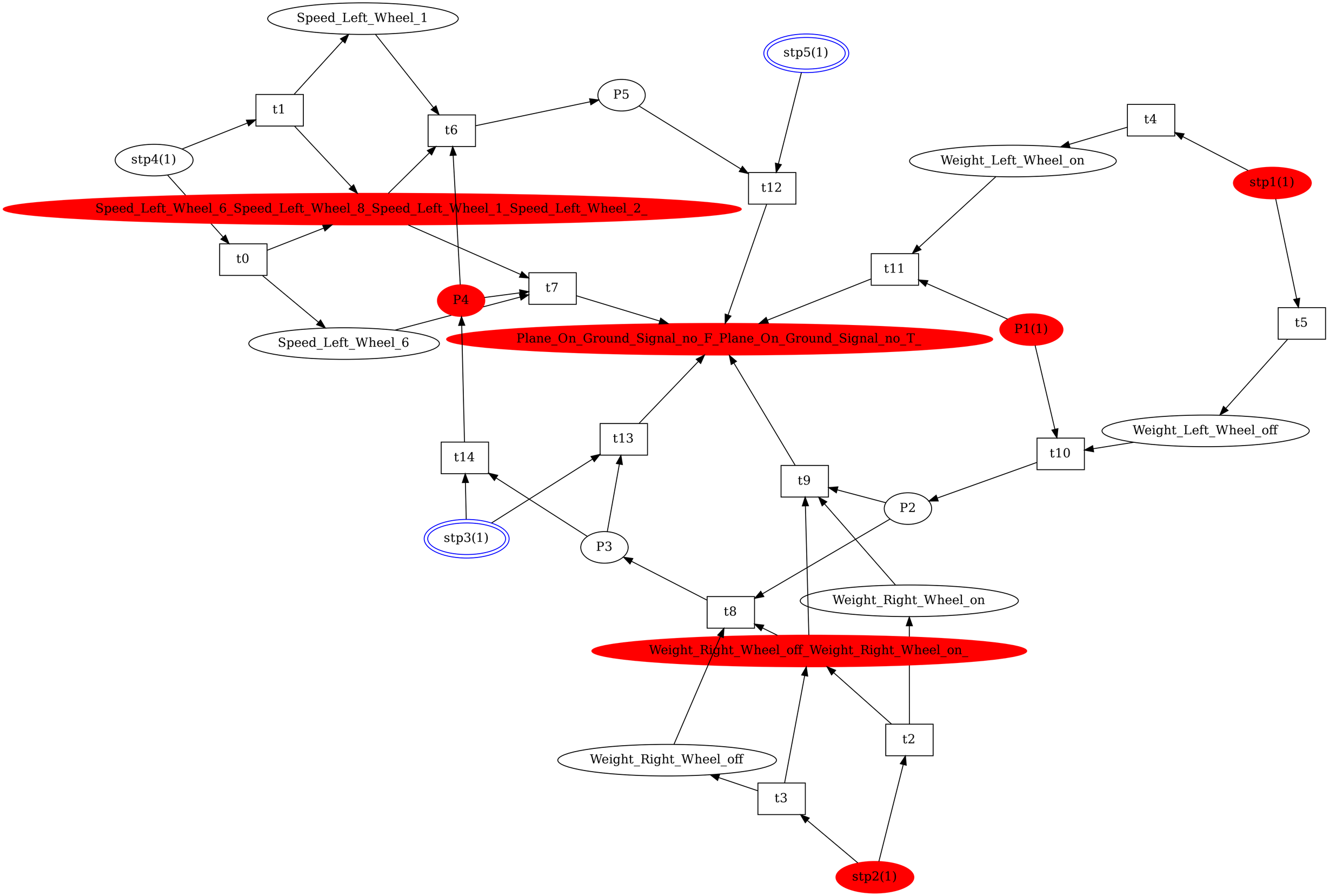


places: 19 trans:15 Before Reduction Start

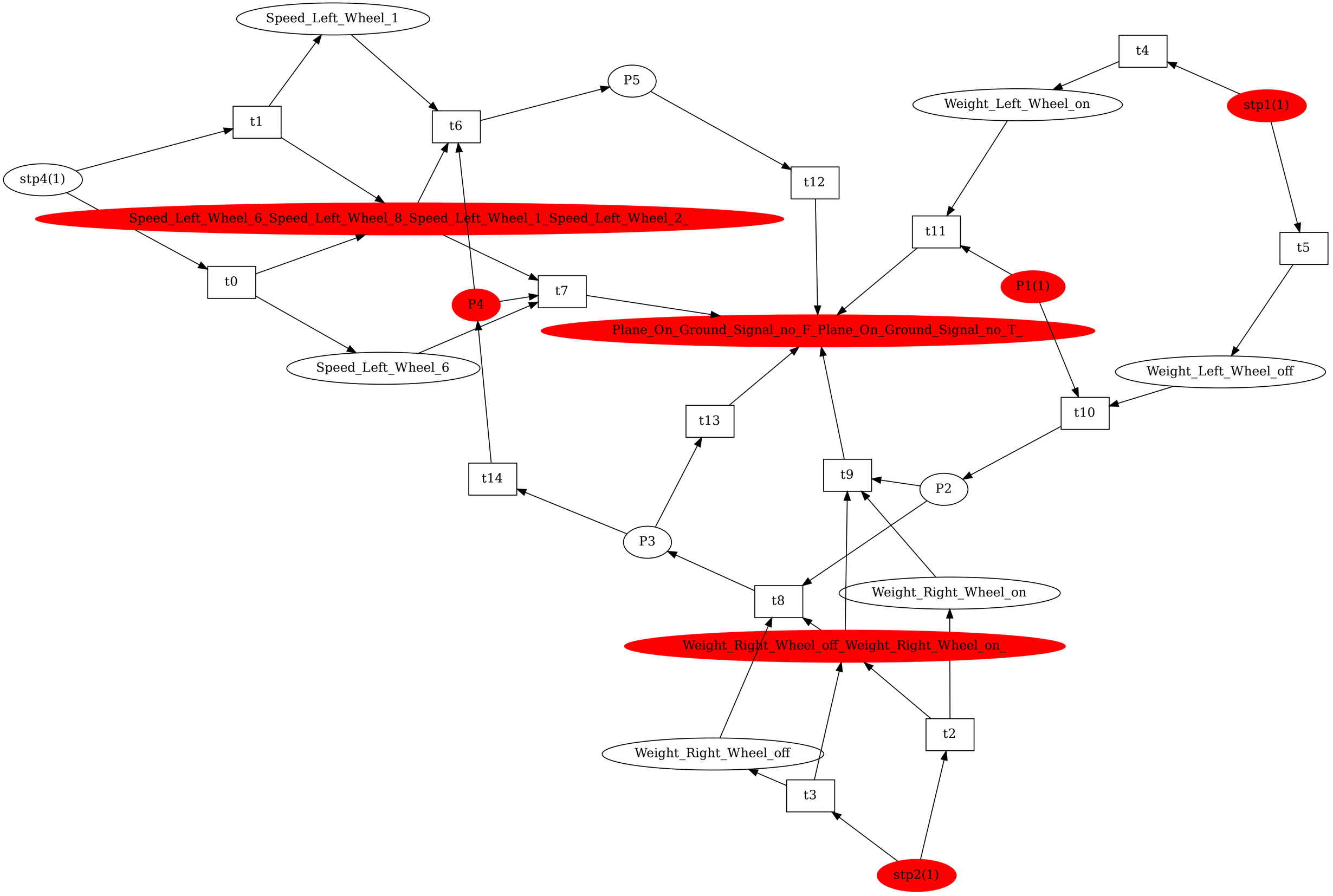


places: 19 trans:15 At convergence for reductions without SMT.

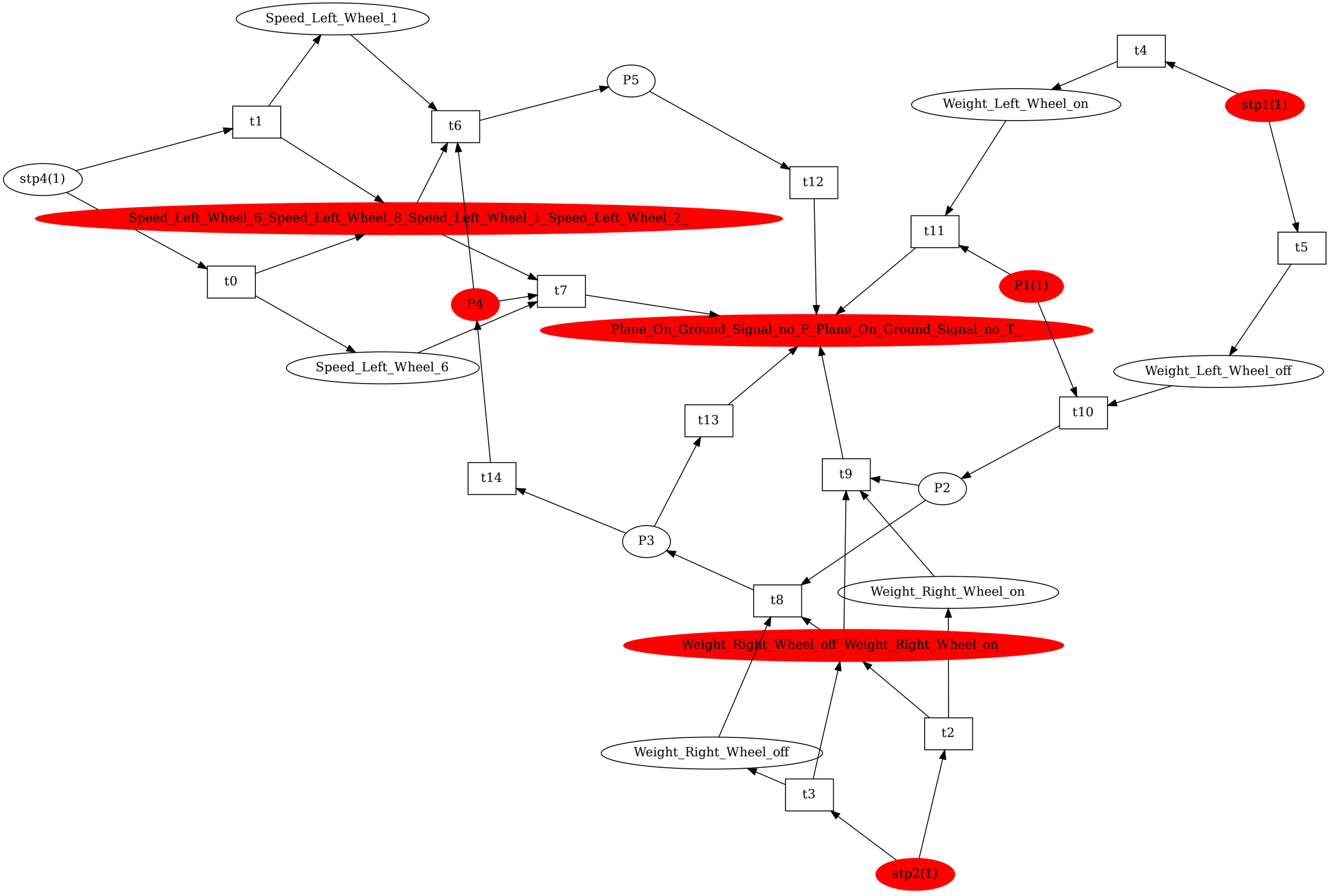



places: 19 trans:15 Discarding 2 places with rule Implicit Places With SMT (with state equation)
Speed_Left_Wheel_1
stp5(1)
t1
P5
t6
t4
stp4(1)
Weight_Left_Wheel_on
stp1(1)
t12
Speed_Left_Wheel_6_Speed_Left_Wheel_8_Speed_Left_Wheel_1_Speed_Left_Wheel_2_
t0
t11
t7
P4
t5
P1(1)
Speed_Left_Wheel_6
Plane_On_Ground_Signal_no_F_Plane_On_Ground_Signal_no_T_
t13
Weight_Left_Wheel_off
t14
t10
t9
P2
stp3(1)
P3
t8
Weight_Right_Wheel_on
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t2
Weight_Right_Wheel_off
t3
stp2(1)

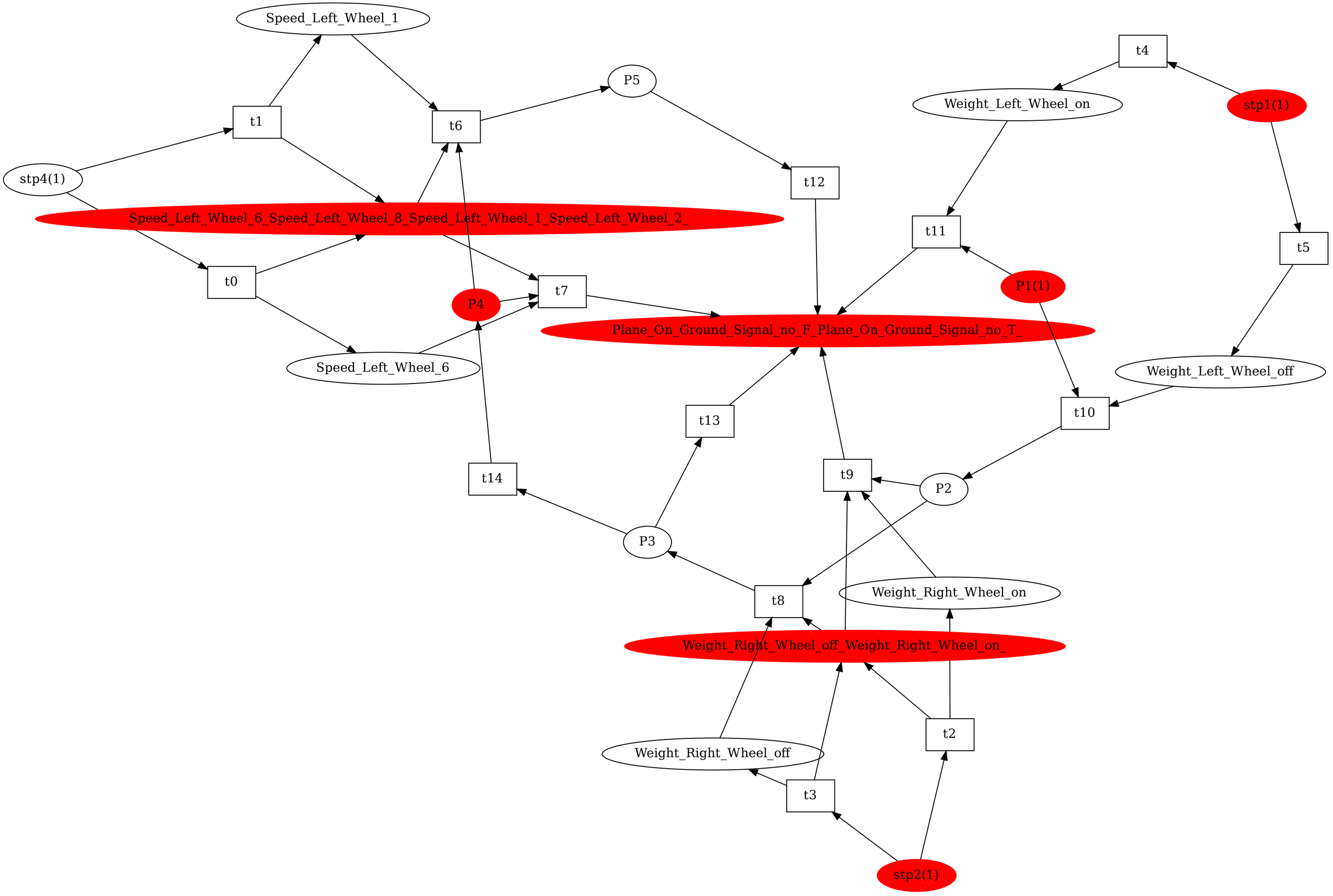
places: 17 trans:15 Before Reduction Start



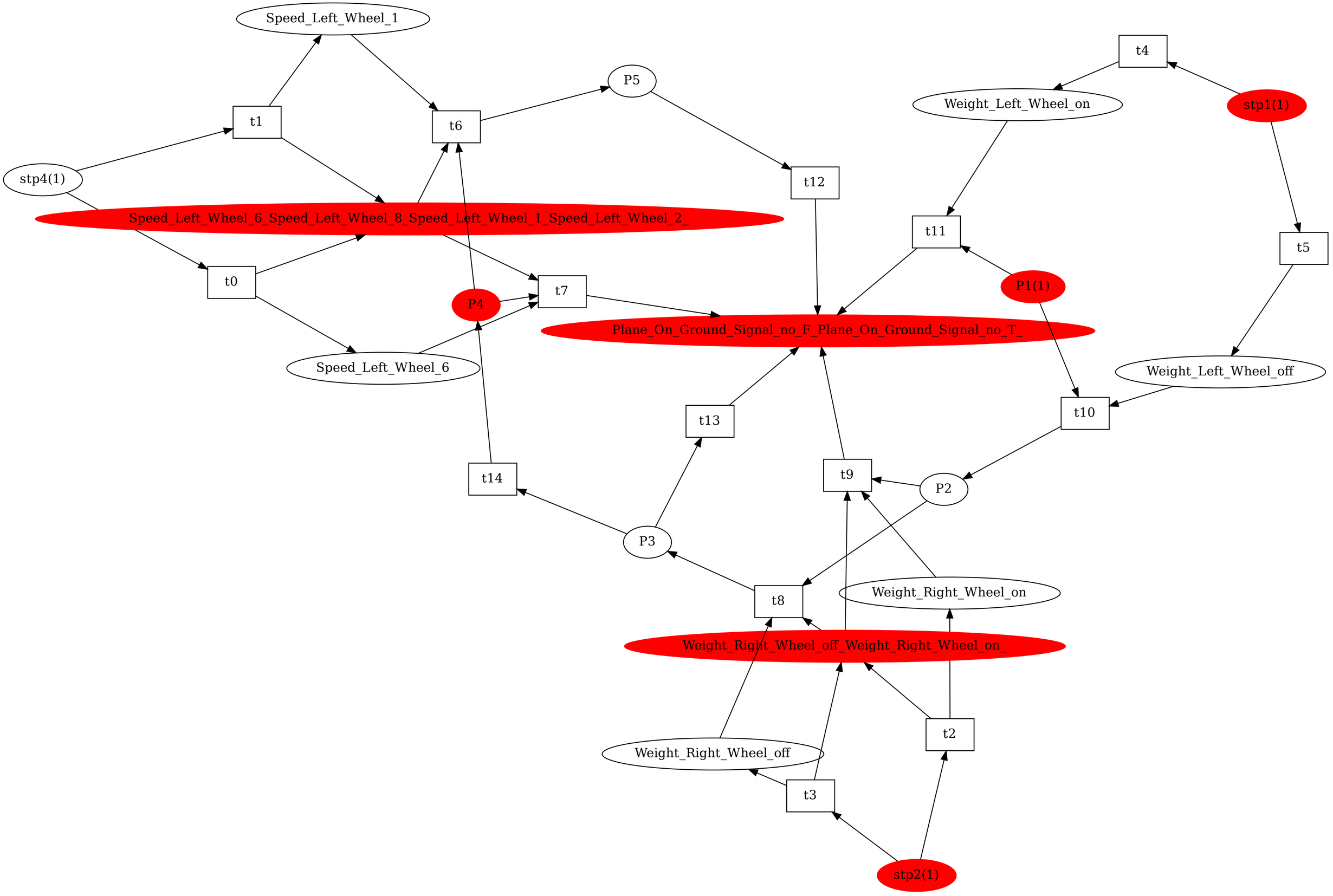
places: 17 trans:15 At convergence for reductions without SMT.



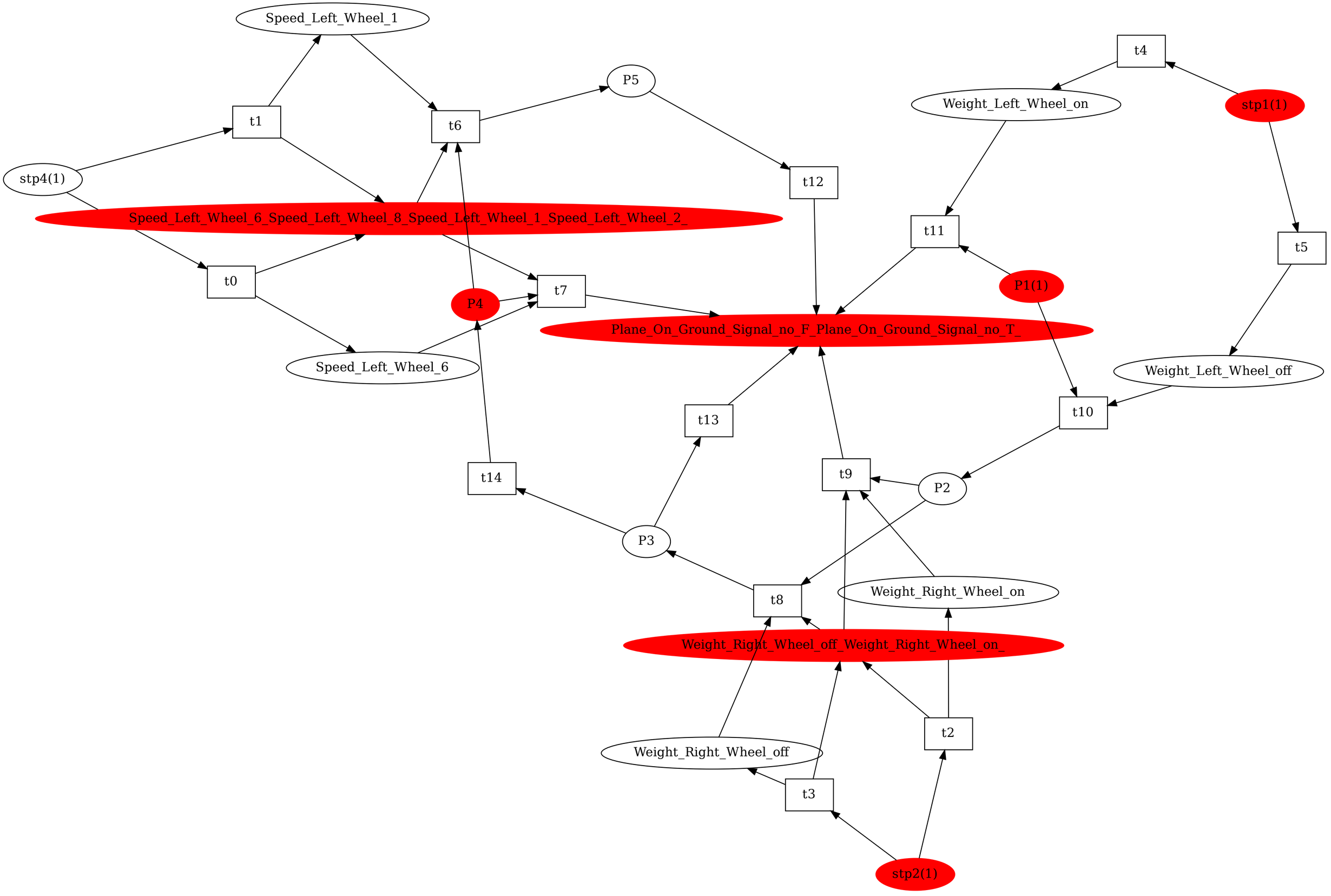
places: 17 trans:15 Simplifying constants used in the logic.



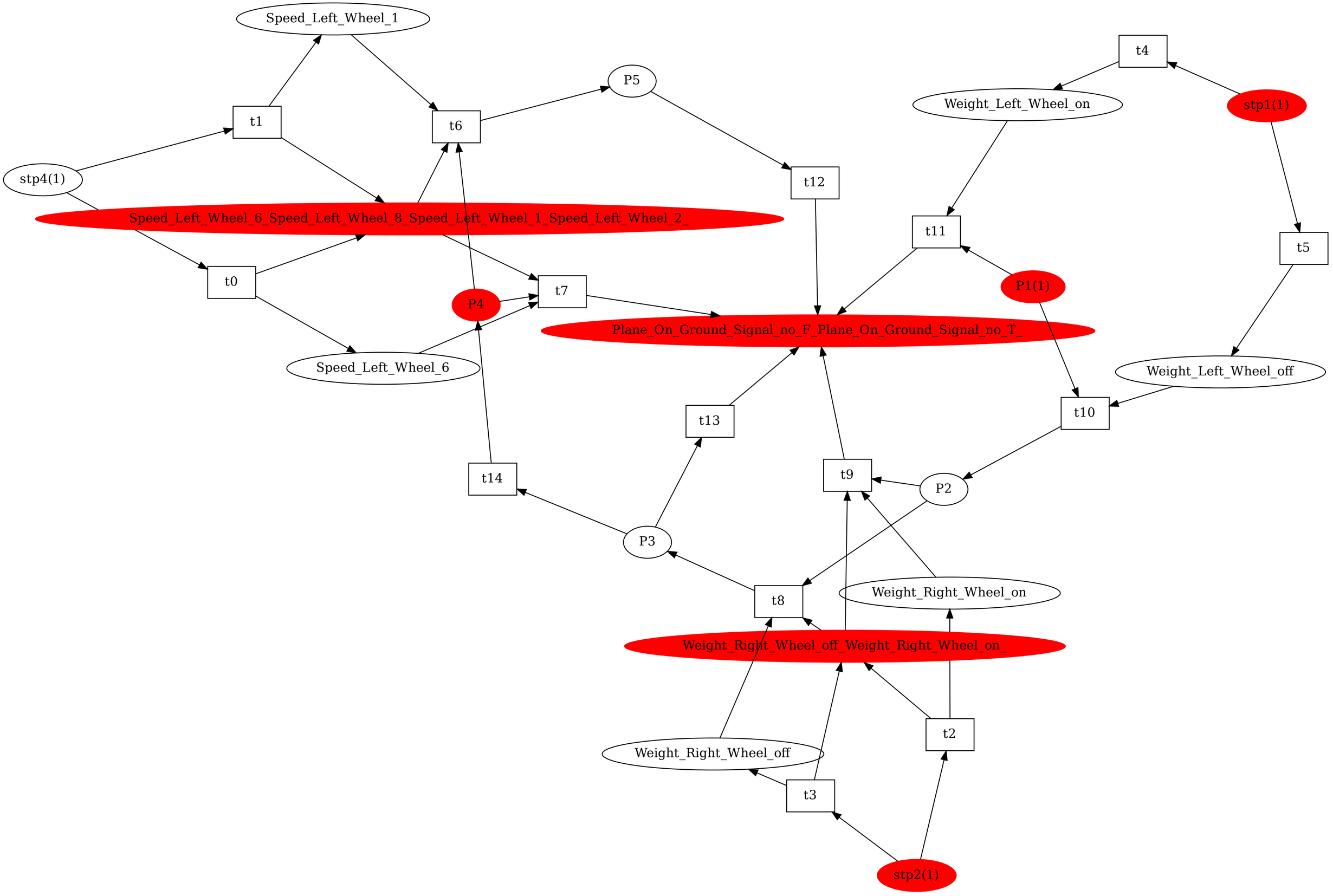
places: 17 trans:15 Before Reduction Start



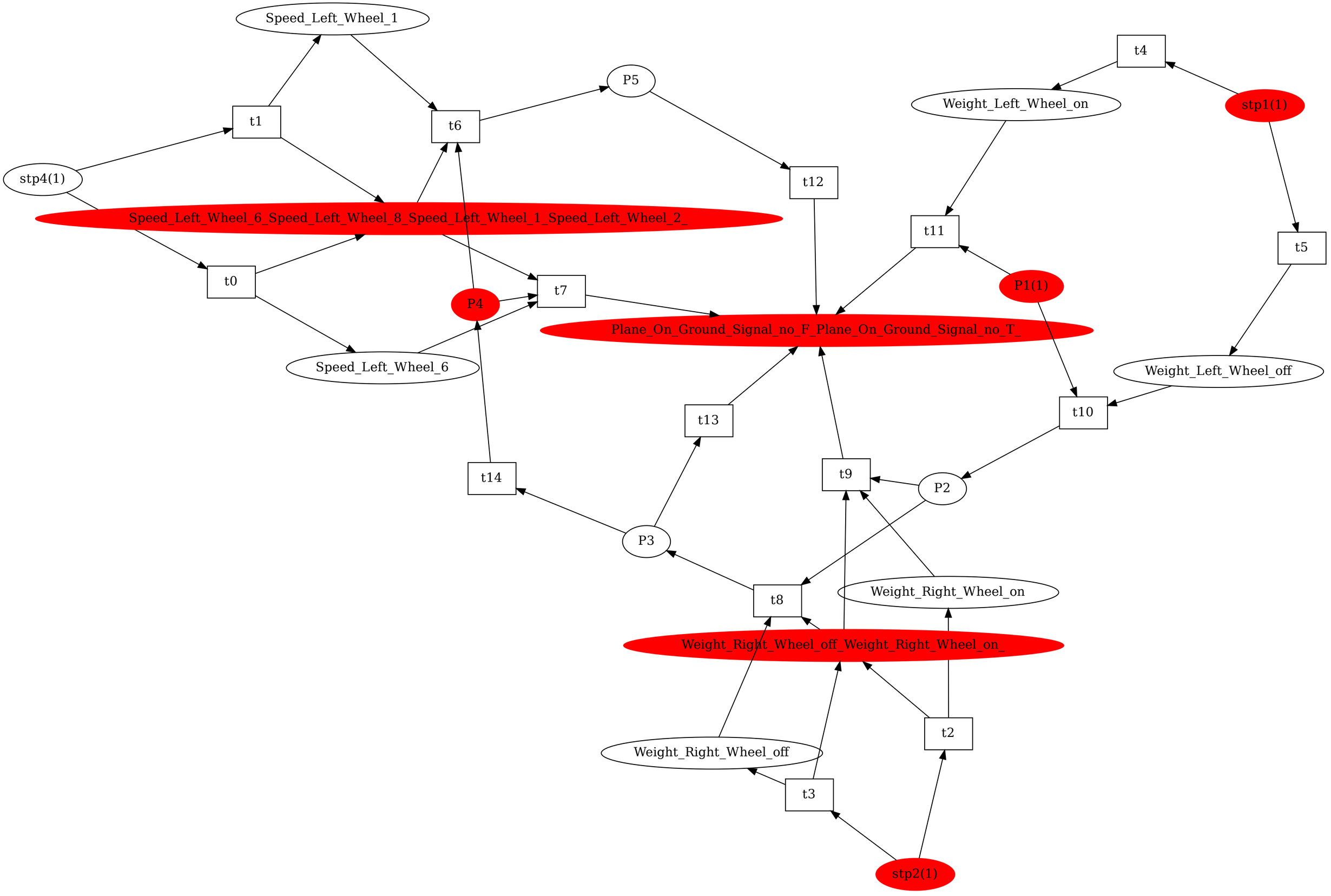
places: 17 trans:15 At convergence for reductions without SMT.



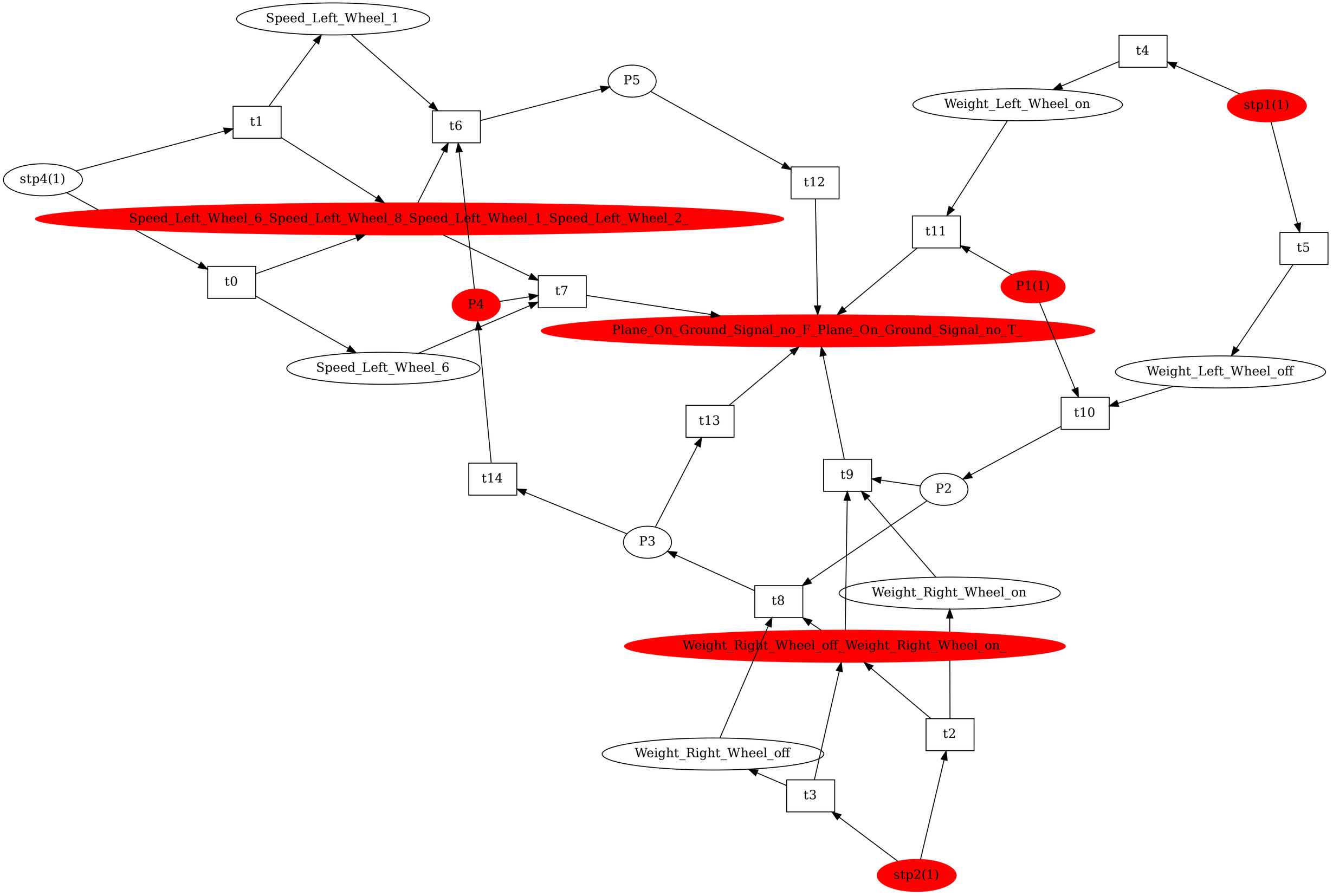
places: 17 trans:15 Before Reduction Start



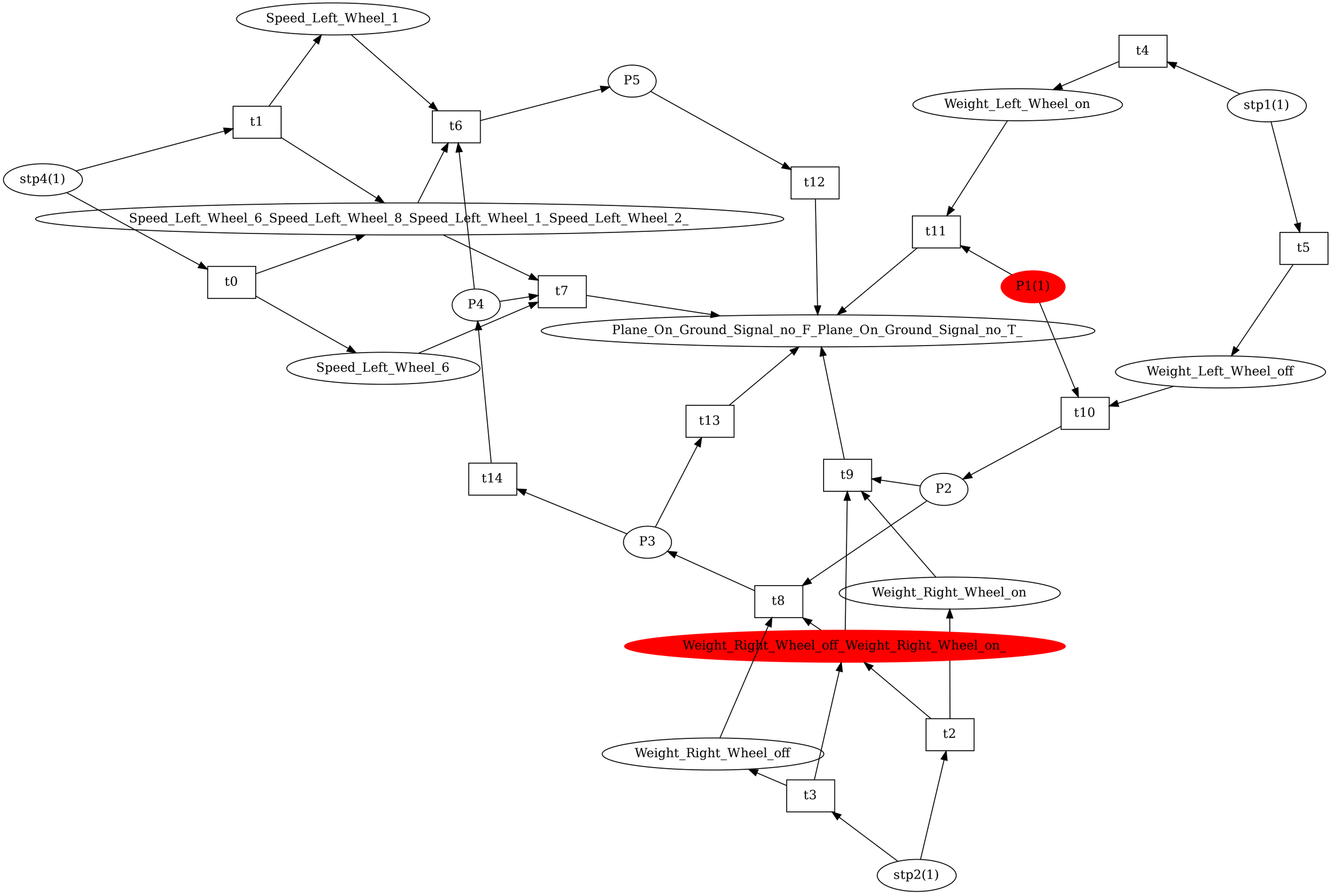
places: 17 trans:15 At convergence for reductions without SMT.



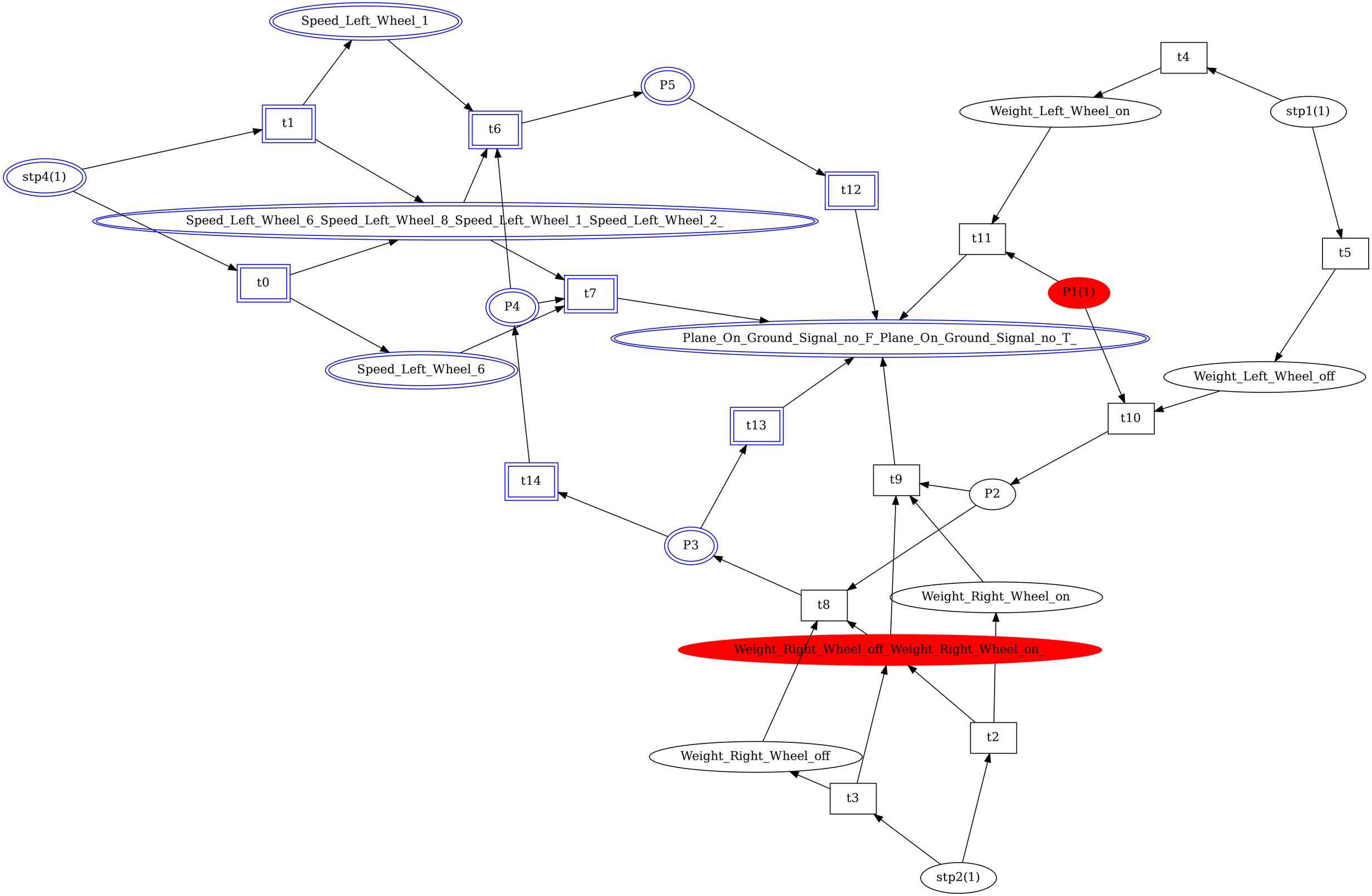
places: 17 trans:15 Simplifying constants used in the logic.



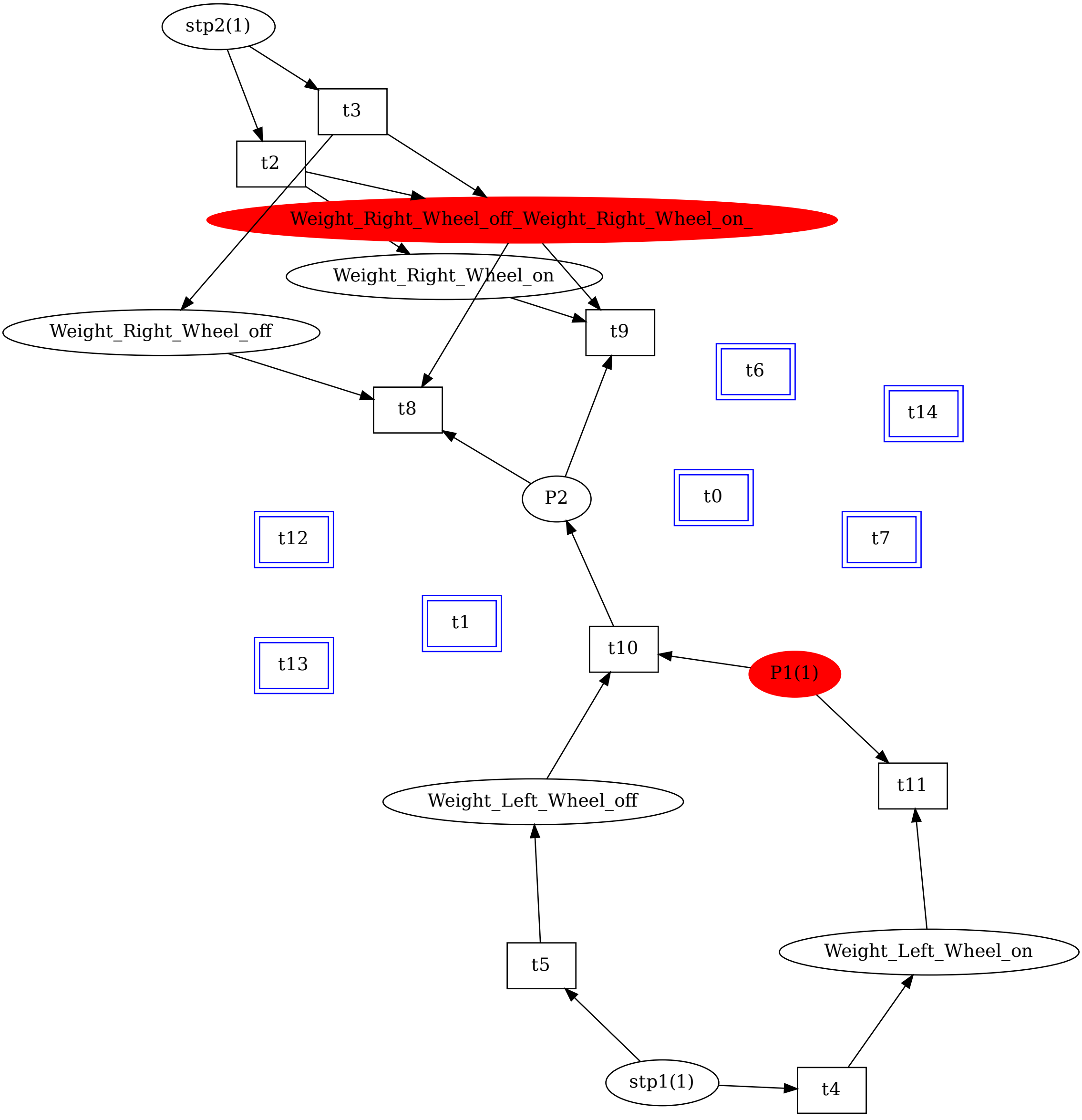
places: 17 trans:15 Before Reduction Start



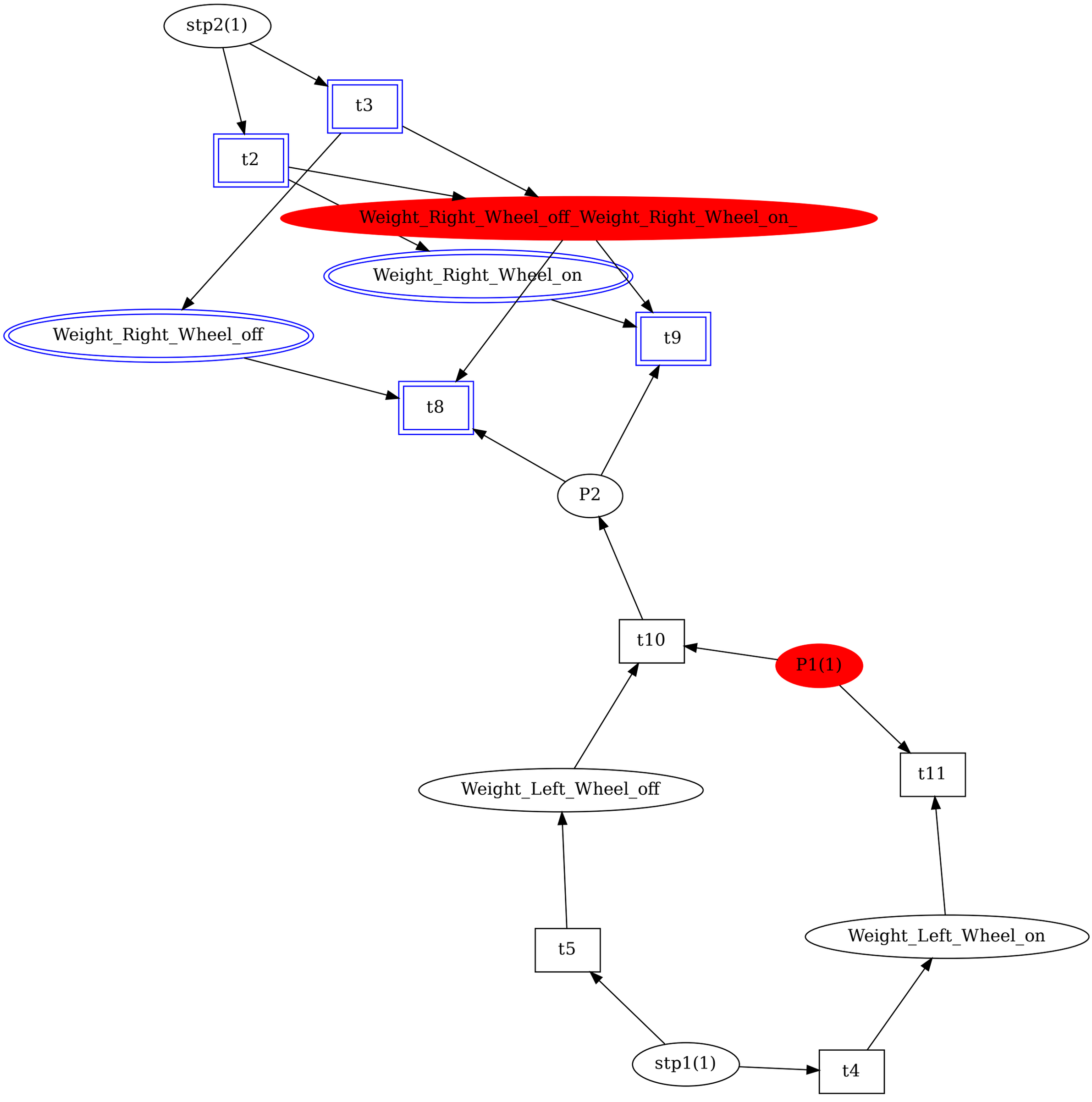
places: 17 trans:15 Discarding 8 places with rule Prefix Of Interest discarding 8 places



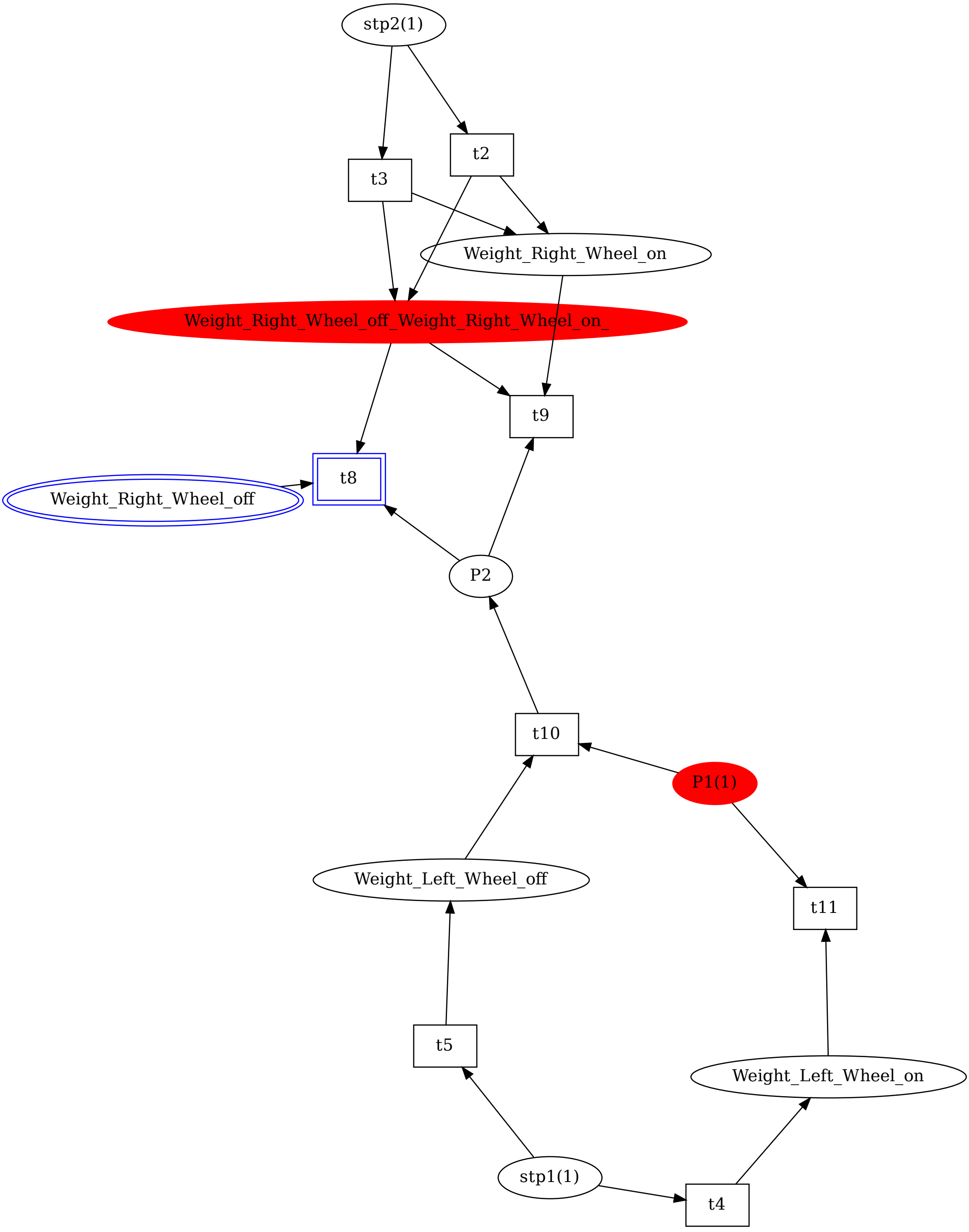
places: 9 trans:15 Discarding 7 transitions with rule Output transitions of constant places.

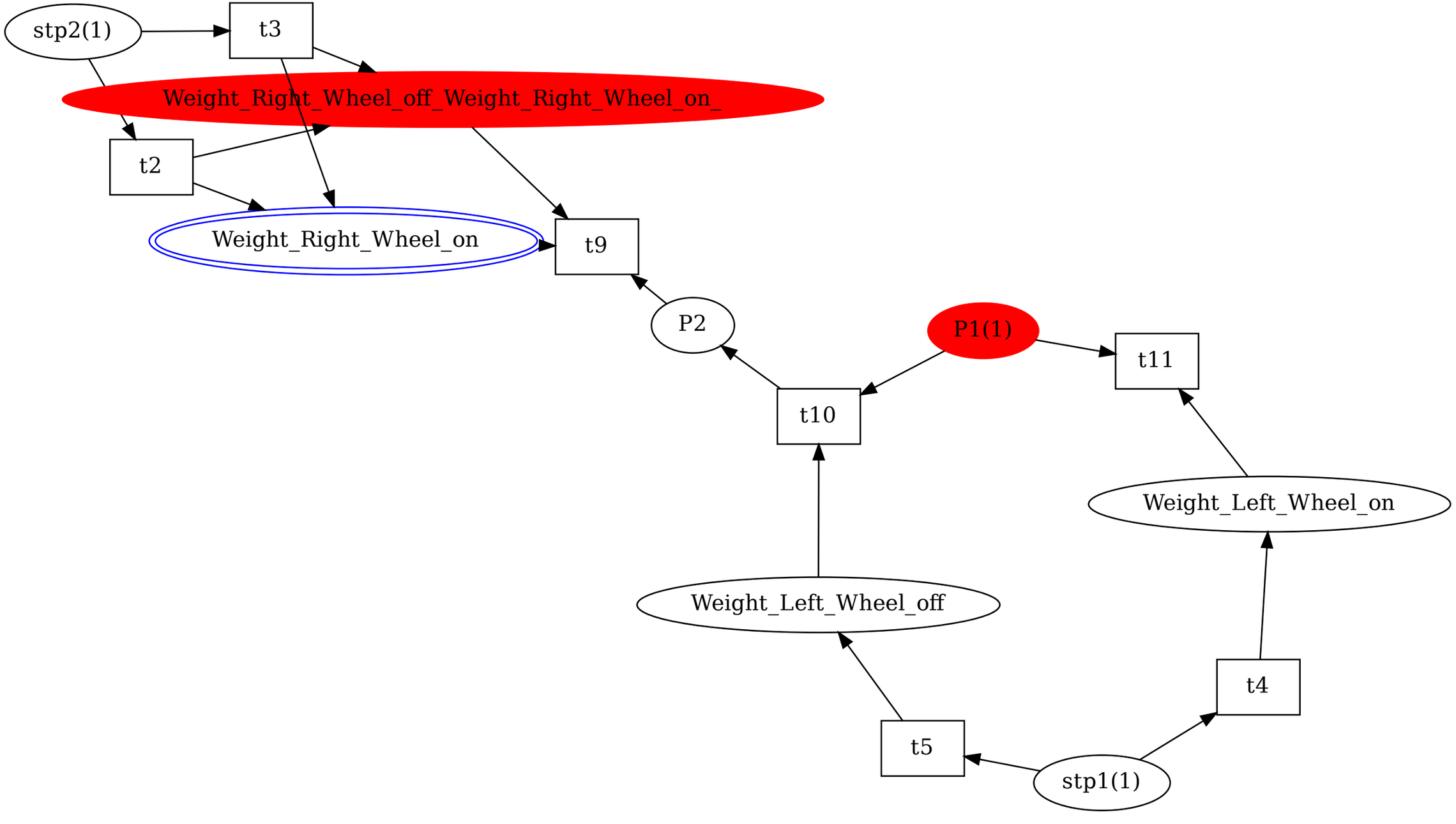


places: 9 trans:8 Symmetric choice/Future Equivalent : fusing Weight_Right_Wheel_off into Weight_Right_Wheel_on

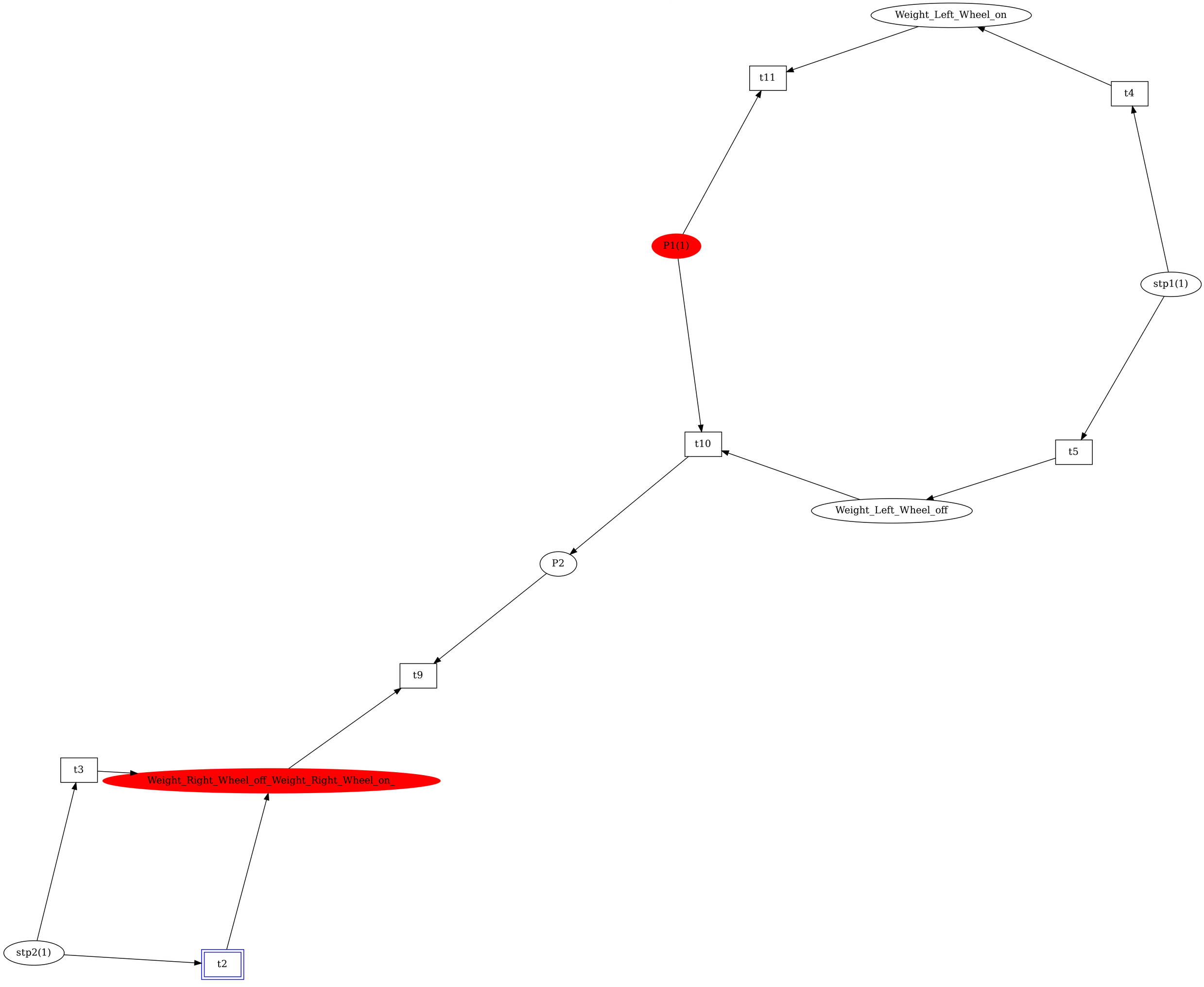


places: 9 trans:8 Constant places reduction[Weight_Right_Wheel_off]

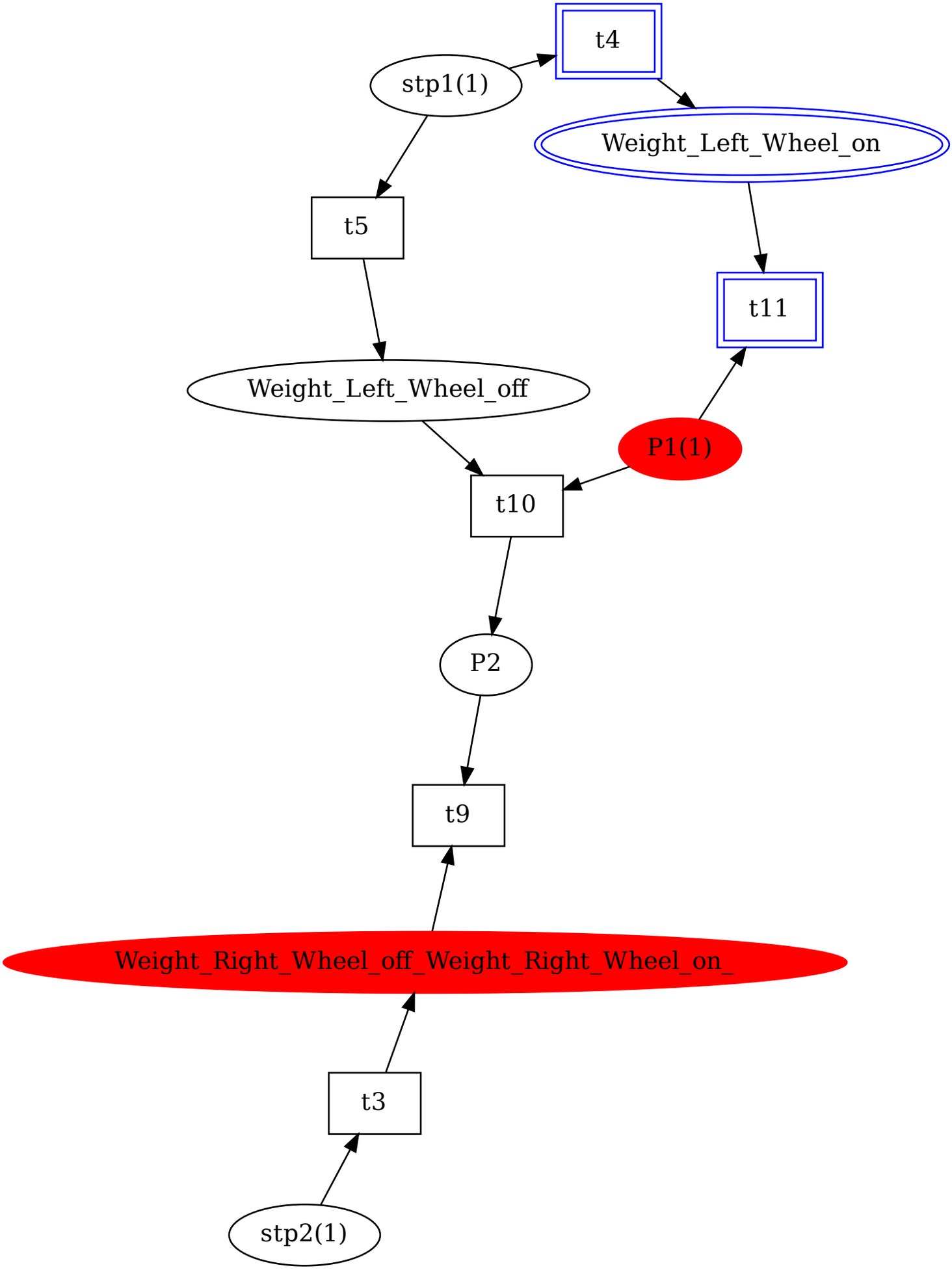


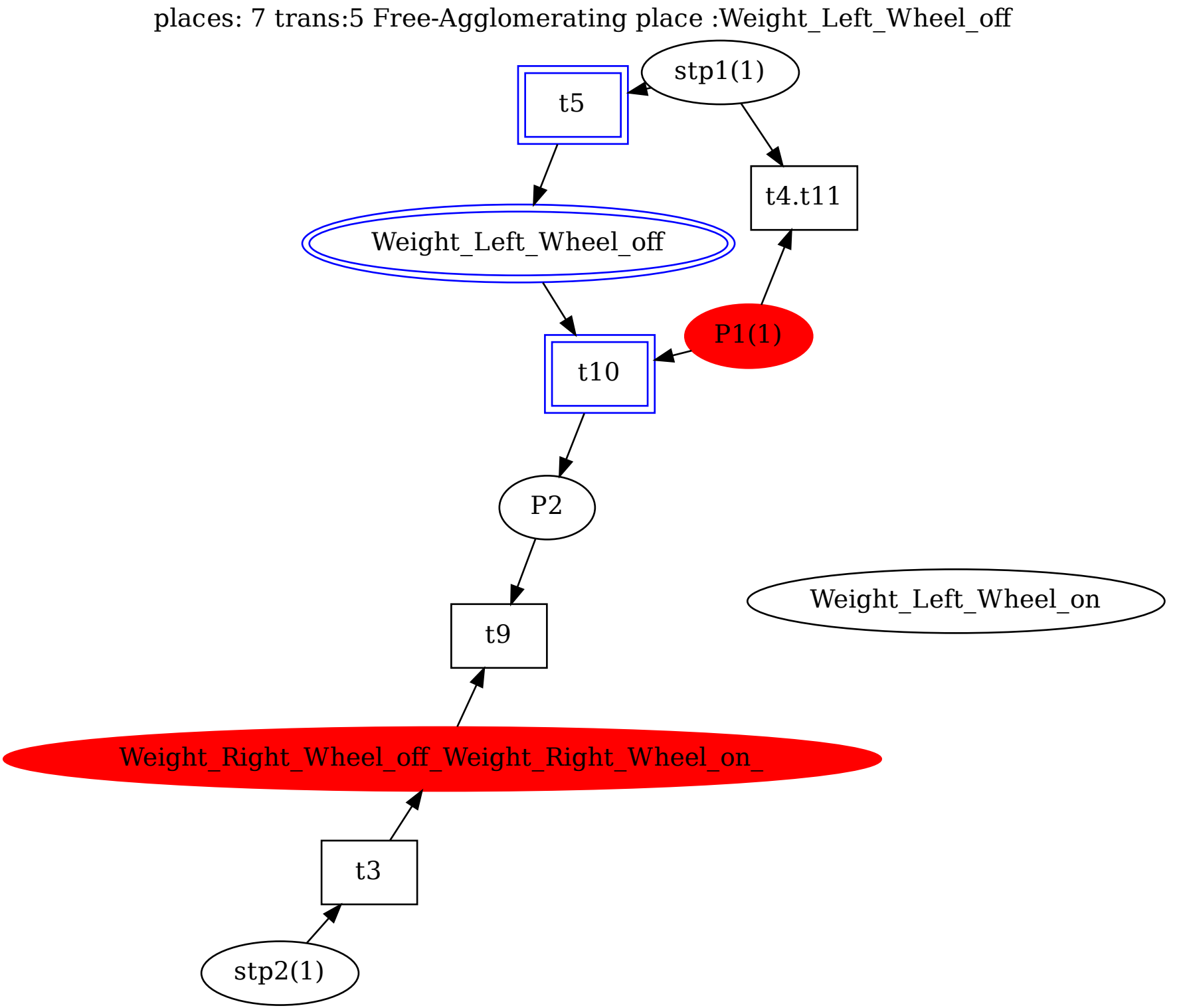

places: 8 trans:7 Unique test discarding 1 objects
stp2(1)
t3
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t2
Weight_Right_Wheel_on
t9
P2
P1(1)
t11
t10
Weight_Left_Wheel_on
Weight_Left_Wheel_off
t4
t5
stp1(1)

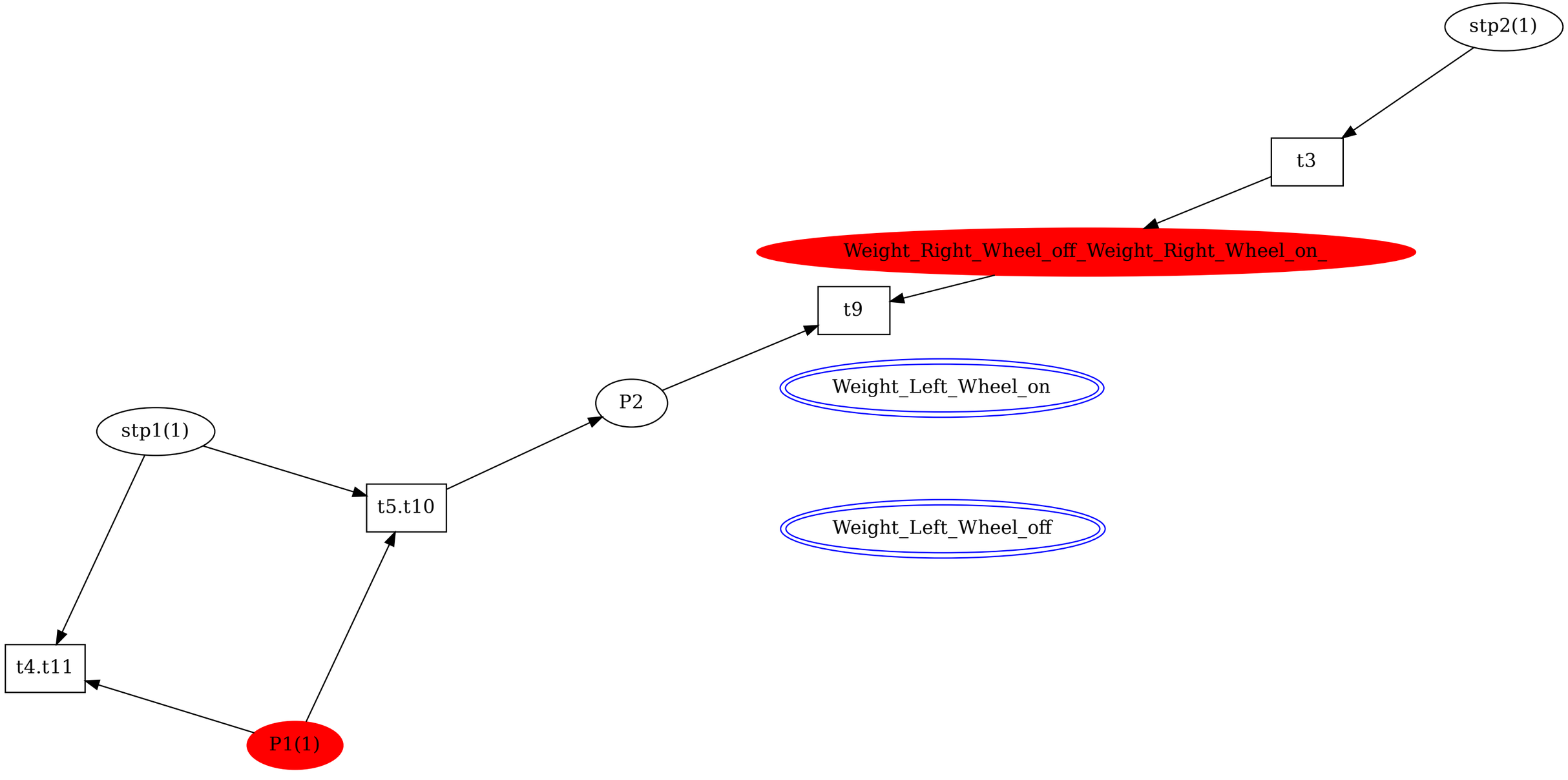
places: 7 trans:7 Unique test discarding 1 objects

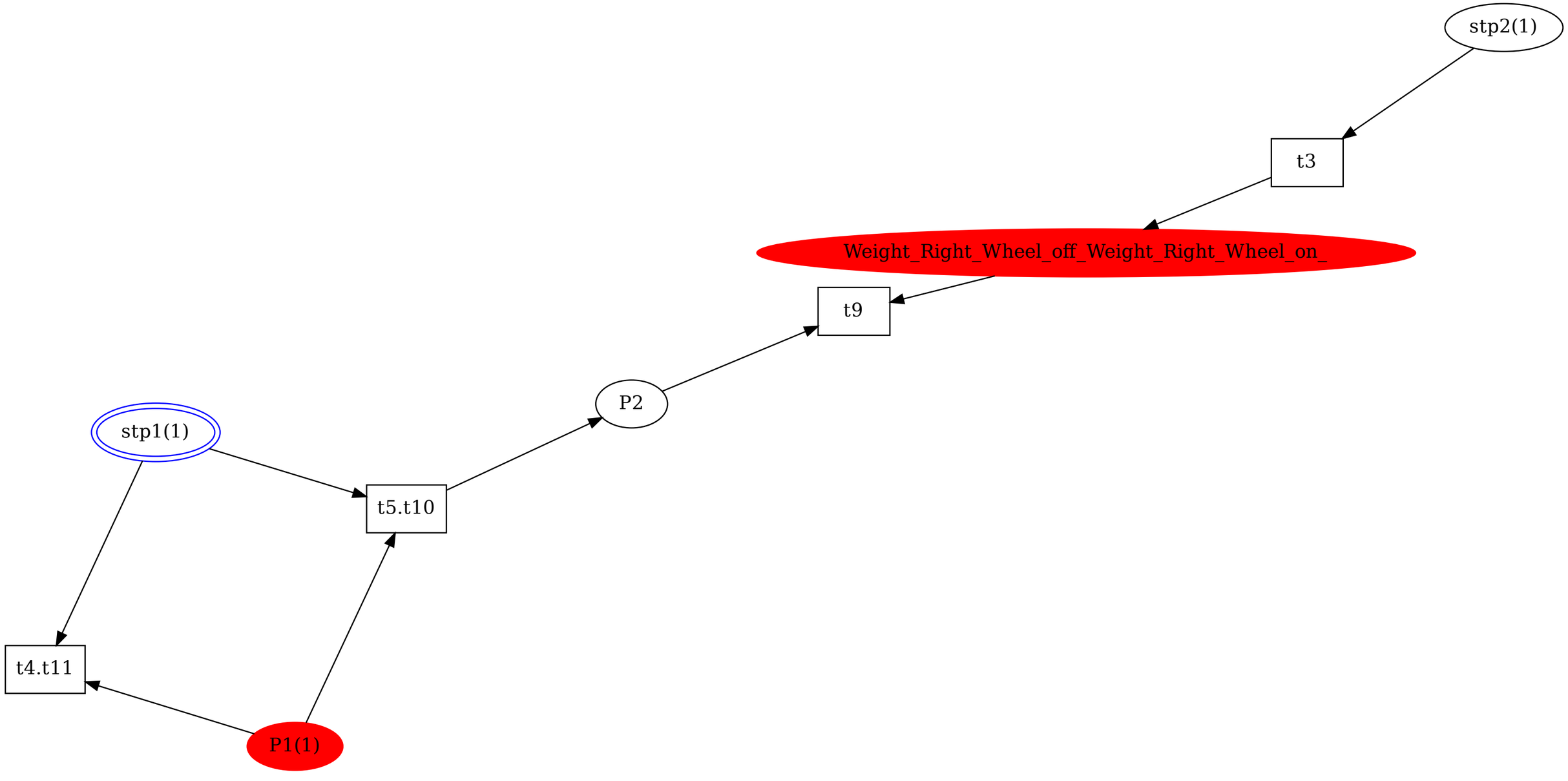


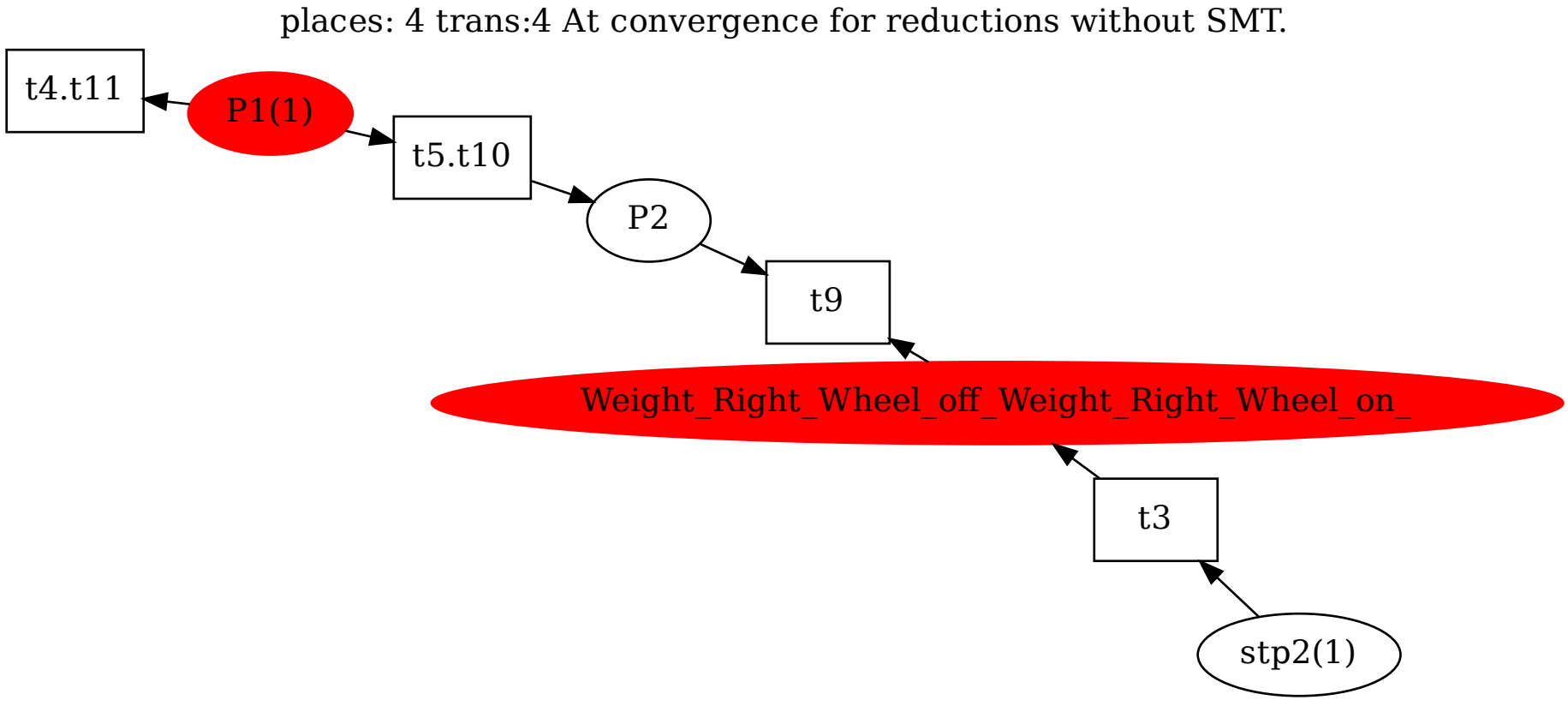
places: 7 trans:6 Free-Agglomerating place :Weight_Left_Wheel_on

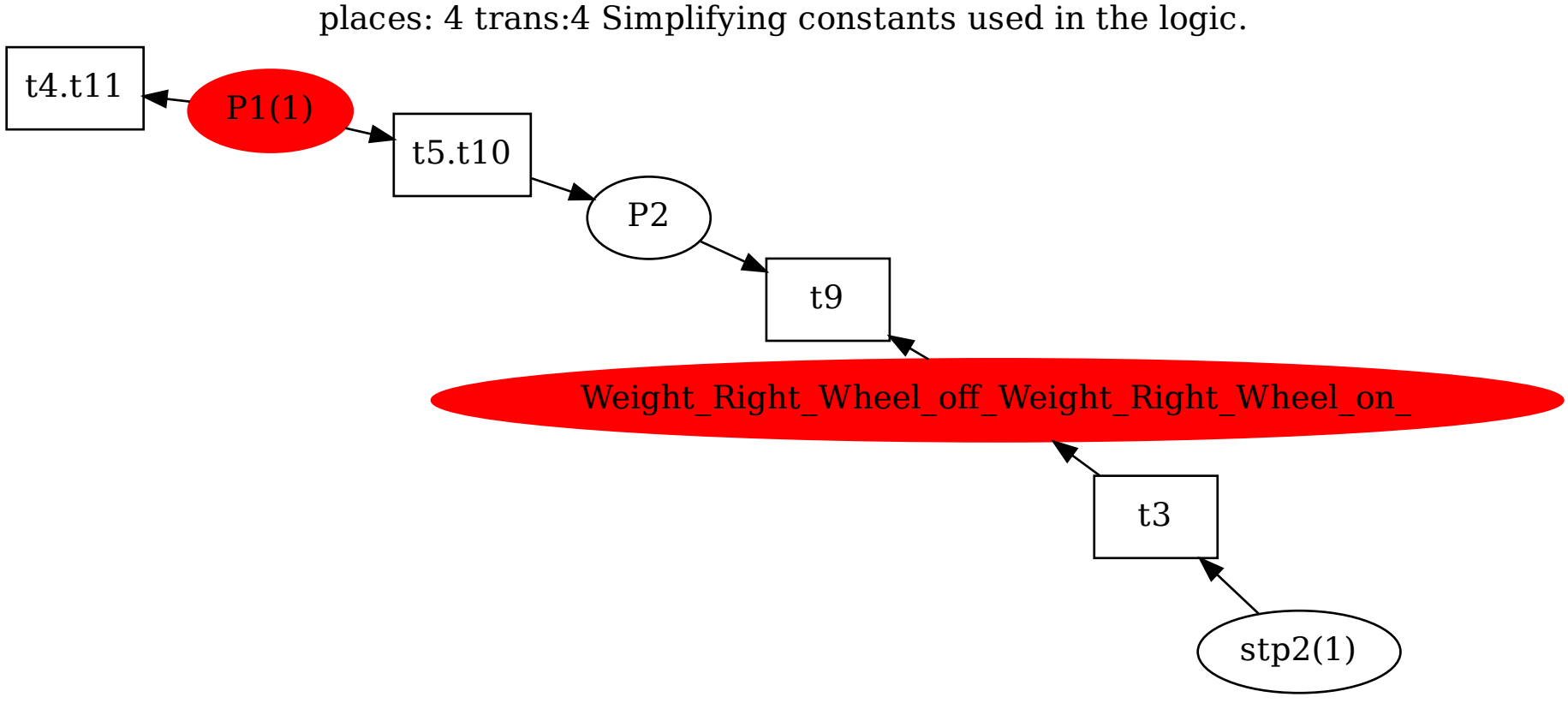


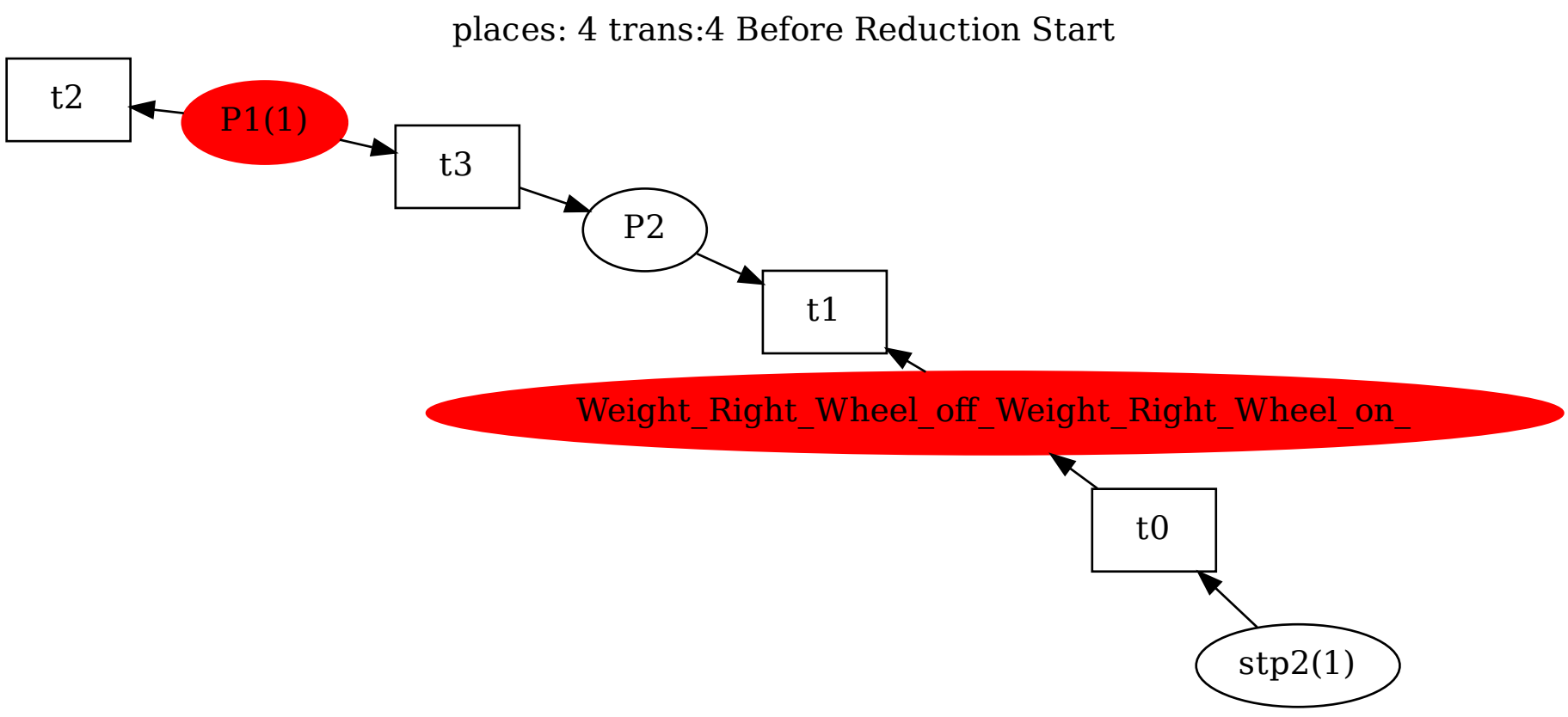

places: 7 trans:5 Free-Agglomerating place :Weight_Left_Wheel_off
stp1(1)
t5
t4.t11
Weight_Left_Wheel_off
P1(1)
t10
P2
Weight_Left_Wheel_on
t9
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t3
stp2(1)

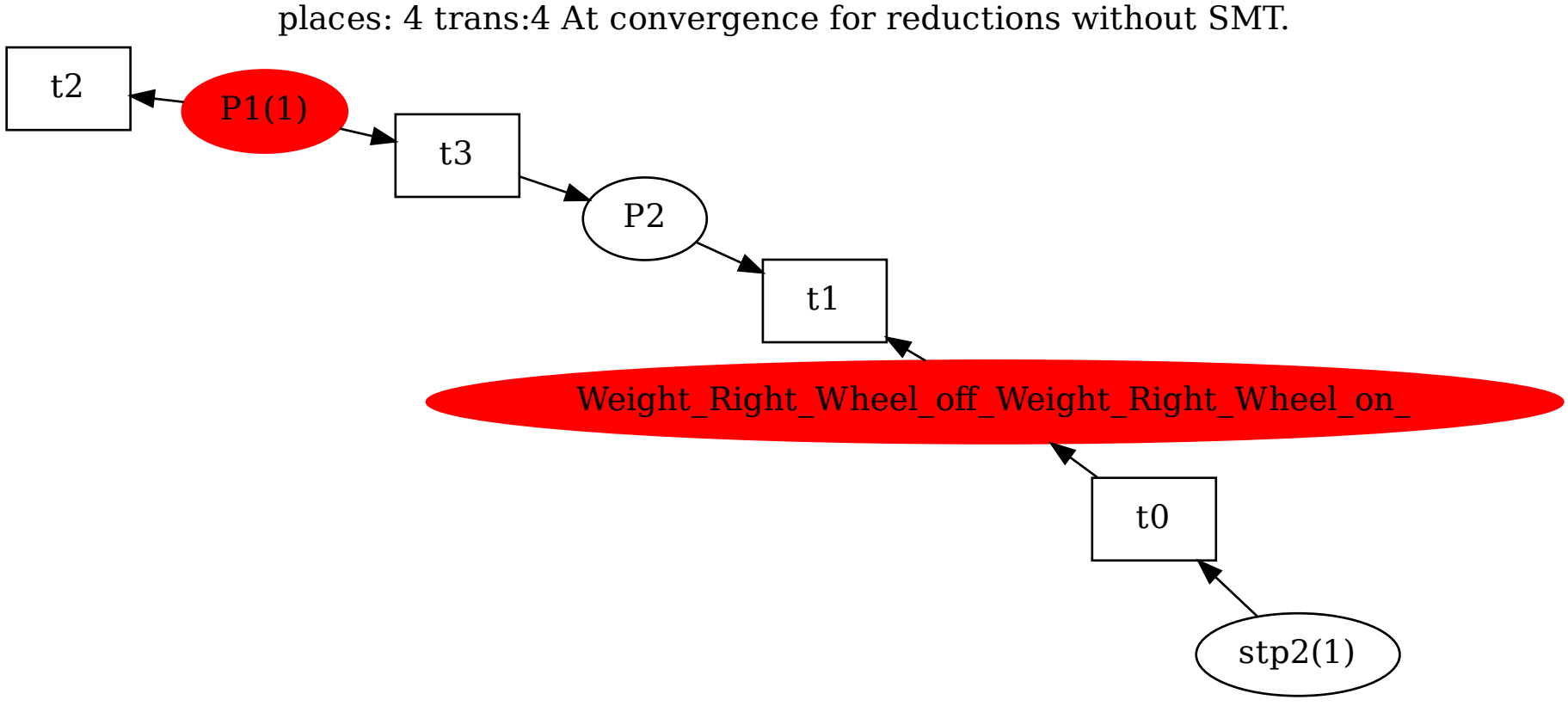

places: 7 trans:4 Constant places reduction[Weight_Left_Wheel_off, Weight_Left_Wheel_on]
stp2(1)
t3
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t9
Weight_Left_Wheel_on
P2
stp1(1)
t5.t10
Weight_Left_Wheel_off
t4.t11
P1(1)

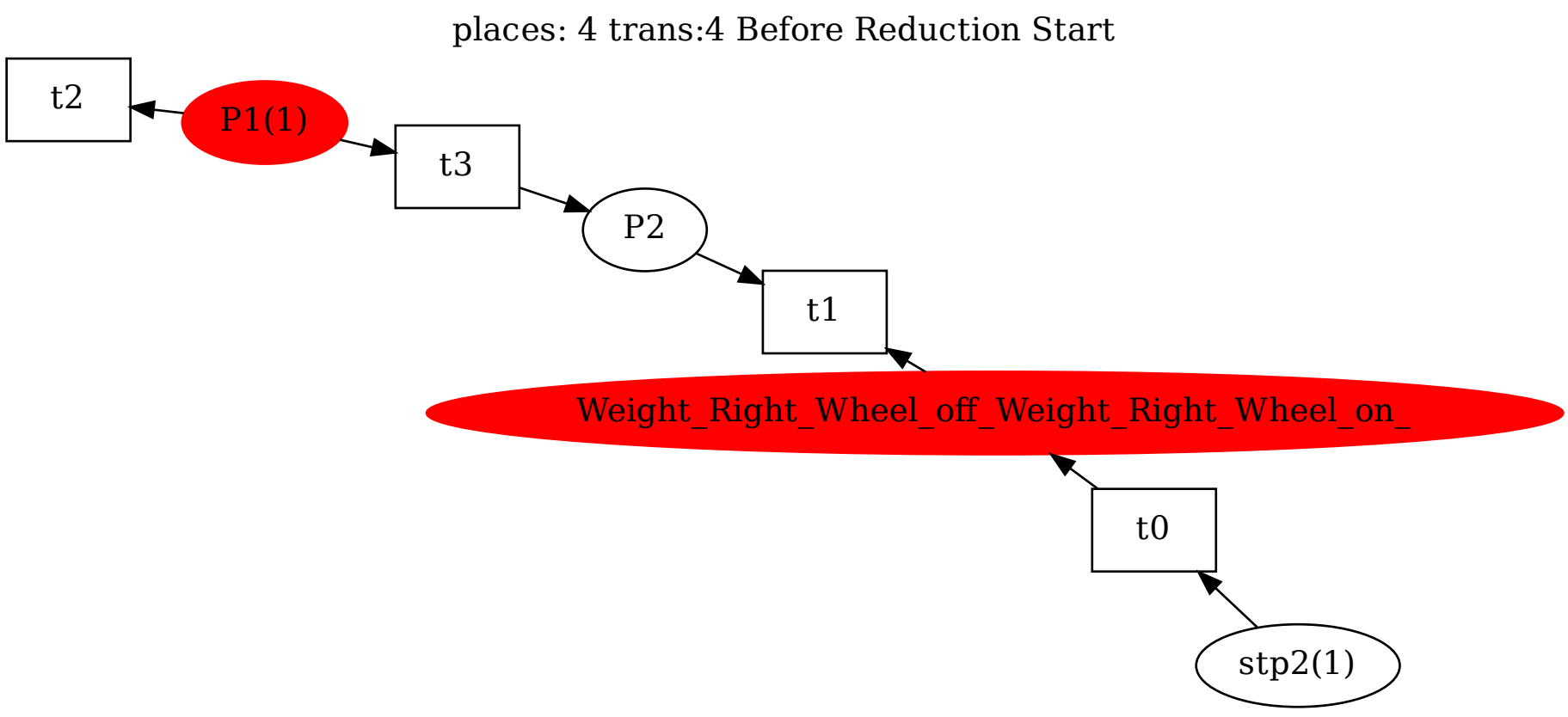

places: 5 trans:4 Unique test discarding 1 objects
stp2(1)
t3
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t9
P2
stp1(1)
t5.t10
t4.t11
P1(1)

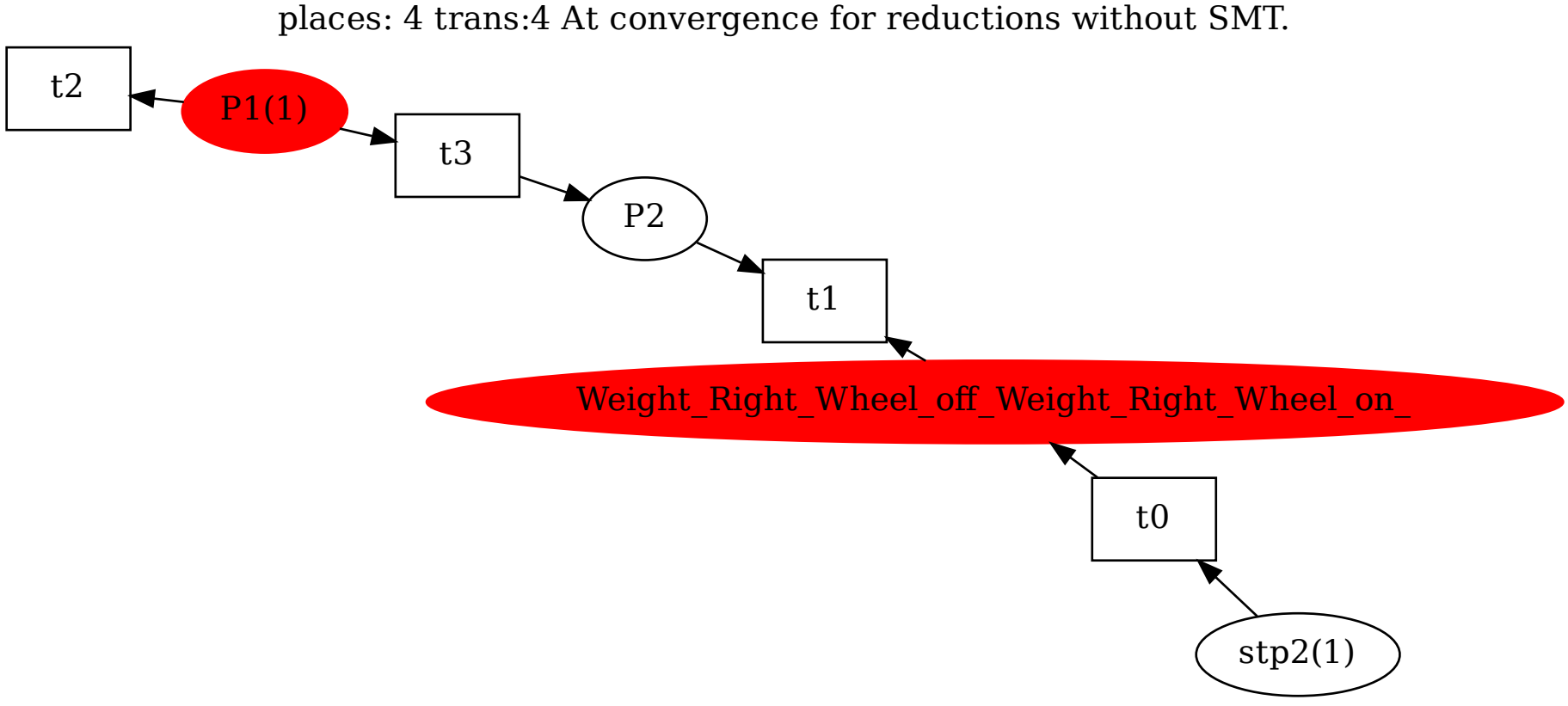

places: 4 trans:4 At convergence for reductions without SMT.
t4.t11
P1(1)
t5.t10
P2
t9
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t3
stp2(1)

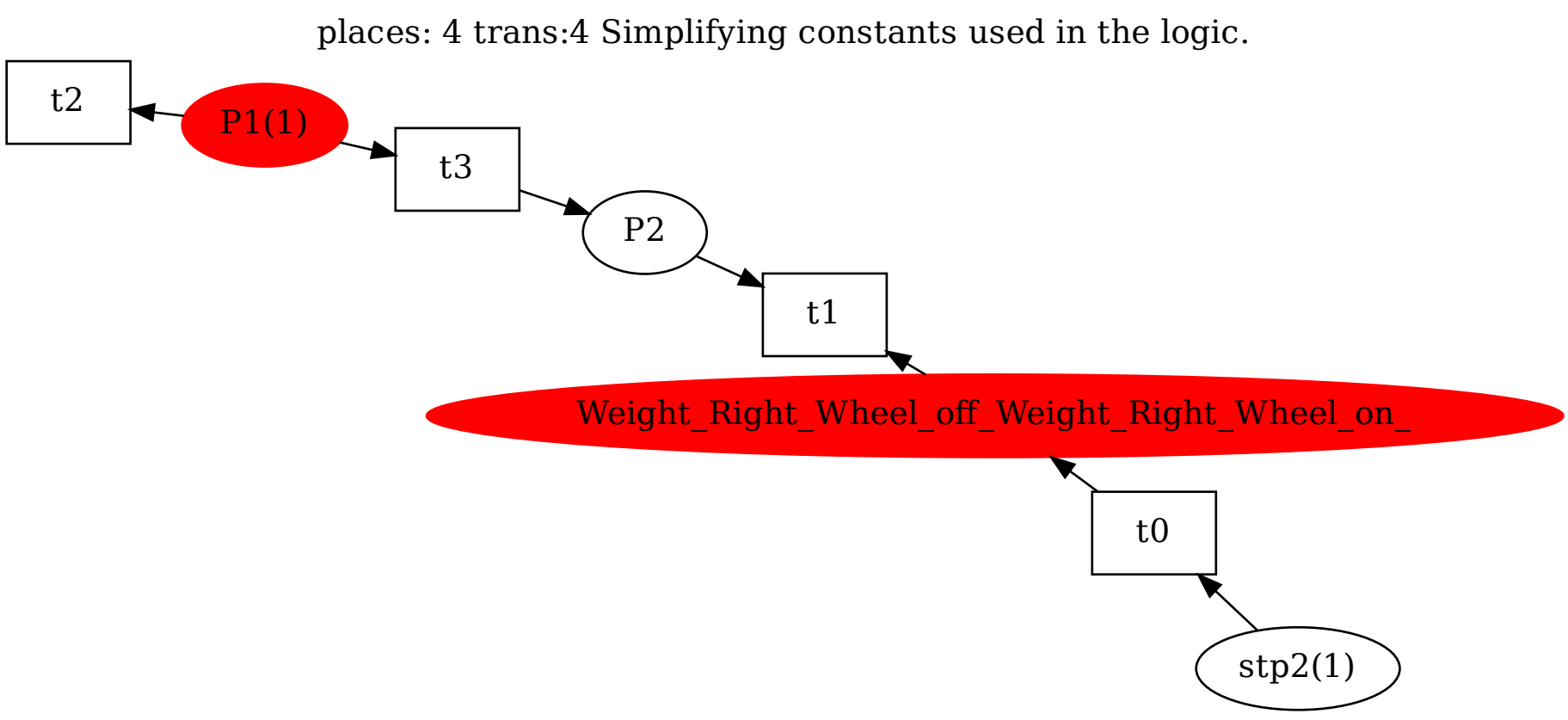

places: 4 trans:4 Simplifying constants used in the logic.
t4.t11
P1(1)
t5.t10
P2
t9
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t3
stp2(1)


places: 4 trans:4 Before Reduction Start
t2
P1(1)
t3
P2
t1
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t0
stp2(1)


places: 4 trans:4 At convergence for reductions without SMT.
t2
P1(1)
t3
P2
t1
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t0
stp2(1)


places: 4 trans:4 Before Reduction Start
t2
P1(1)
t3
P2
t1
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t0
stp2(1)


places: 4 trans:4 At convergence for reductions without SMT.
t2
P1(1)
t3
P2
t1
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t0
stp2(1)


places: 4 trans:4 Simplifying constants used in the logic.
t2
P1(1)
t3
P2
t1
Weight_Right_Wheel_off_Weight_Right_Wheel_on_
t0
stp2(1)