

Test cases for SafetyLogicImpl.makeDistributedDecision method.

Test number	Requirement ref.	Facing section	Straight section	Divergent section	Facing neighbor state	Straight neighbor state	Divergent neighbor state	Turnout direction	Facing decision	Straight decision	Divergent Decision
1	REQ-TSM-03-01-02-01	occupied	free	free	denied	allowed	allowed	straight	deny	allow	allow
2	REQ-TSM-03-01-02-02	occupied	free	free	allowed	denied	allowed	straight	deny	allow	allow
3	REQ-TSM-03-01-02-03	occupied	free	free	allowed	allowed	denied	divergent	deny	allow	allow
4	REQ-TSM-03-01-02-04	free	occupied	free	denied	allowed	allowed	straight	allow	deny	allow
5	REQ-TSM-03-01-02-05	free	free	occupied	allowed	allowed	denied	divergent	allow	allow	deny
6	REQ-TSM-03-01-02-06	free	occupied	free	denied	allowed	allowed	straight	allow	deny	allow
7	REQ-TSM-03-01-02-07	free	free	occupied	denied	allowed	allowed	divergent	allow	allow	deny
8	REQ-TSM-03-01-02	free	free	free	denied	denied	denied	straight	allow	allow	allow
9	REQ-TSM-03-01-02	occupied	free	free	allowed	allowed	denied	straight	allow	allow	allow
10	REQ-TSM-03-01-02	occupied	free	free	allowed	denied	allowed	divergent	allow	allow	allow