



Safety recommendation no. 38

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Safety deficit	At 22:50 on Wednesday 21 August 2013, in Stäfa station (on the Rapperswil side) a shunting movement with rail service vehicles coming from track 4 collided with S7 train 88791 departing from platform 3 for Rapperswil. As a result of the glancing collision the front bogie of the S7 doubledecker multiple unit train was derailed. In the case of the Domino 55 type signal box, as with the Domino 69 and the small relay signal box without dwarf signals, set shunting routes are not protected from conflicting routes.
Safety recommendation	The FOT should examine whether the individual switch setting facility present in the system should be applied when setting a shunting route using the Ittis user interface, on an installation without dwarf signals.
Stage of the implementation	At the time of the accident, the installation (train routing and shunting route) was being operated manually. Further manual operations (turning individual switches on and off) put increased pressure on the dispatcher. An individual switch setting facility is also used to secure track closures. Having this facility turned on does not equate to approval for a shunting movement Recommendation was not implemented.
Investigation report concerning the safety recommendation	<u>Schlussbericht</u>