



Ministero delle Infrastrutture e dei Trasporti

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Ministero delle Infrastrutture e dei Trasporti

Informal Document No.1 Agenda Item 2(a)

**SIGN TO COMMUNICATE THE NEED TO CRASH THROUGH GATES
(BARRIERS) BY A VEHICLE WHEN TRAPPED AT A LEVEL
CROSSING**



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12th July 2011, Vicofertile

21th September 2012, Bari

24th September 2012, Cisternino

30th June 2015, Borore



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“Here as follows the main outcomes of the main investigations on accidents at level crossings in Italy since 2012 and of a systematic study of accidents in Italy at level crossings conducted in collaboration with the First University of Rome.



The following outcomes are also in line with the recommendations of the conclusive report of the Expert Group on Road Safety at Level Crossing (paragraphs 56, 57 ECE/TRANS/WP1/2017/4)



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**Vehicles may get entrapped for whatsoever reason
between the level crossing barriers with the
consequent risk of impact of the oncoming train**



The normally envisaged behavior for road drivers in this situation :

- 1. in the event entrapment try to move off the vehicle from the rails tracks***
- 2. do everything possible to avoid any danger to persons***
- 3. ensure that train operators are alerted in time of the existence of the danger***



The priority is to clear immediately the rail tracks.

Unfortunately it is not clear that the most efficient action for the driver would be to break down the barriers in order to free the intersection instead of leaving the vehicle on the tracks .

Any implementing national or international rules / code of conduct should make explicit reference to the action of breaking down barriers. This principle should be considered as fundamental of the driver training



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To this end a dedicated sign could facilitate the easy and quick uptake of the correct behavior



Examples of signs from UIC/IRU/ILCAD documents





This signs can be integrated with a dedicated panel in different languages:

IN CASE OF ENTRAPMENT:

BREAK THE BARRIERS



Drivers should also acknowledge that at many level crossings the simple action of manually forcing the barriers automatically will causes the activation of the control systems of rail traffic and the stop of the oncoming railway traffic.

The possibility / obligation of the these actions could also be reported with an information panel directly placed on the inner side of the barriers.



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Thank you

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