

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3491
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Occurrence Summary

What		Location	
Date of occurrence	25-02-14	Location name	LC km 65+637 line Cremona - Mantova
Local time	16:00	Latitude	45:06:13 North
Event type	Railway vehicle movement events Level crossing event Level crossing accident	Longitude	10:28:59 East

Description Train 2655 (Trenord) collides with motorcycle at the LC km 65 +637, line Cremona - Mantova

Direct Cause descrip improper occupation of the railway at the LC km 65 + 637 by the motorcycle, consequence of the attempt (failed) of the driver to cross the LC by performing a maneuver of zig-zag between the half-barriers regularly closed

Final Report

Nam	Desc	Type	Size	Last	Orga	Repo
Relazione_finale_Bozzolo_Marcaria.pdf	Final report	application/pdf	1482440	12/12/2014 11:56:47 AM	Softeco	

Other Attachments

Nam	Desc	Type	Size	Last	Orga	Repo
Raccogliamondazi_Bozzolo.pdf	Official record	application/pdf	640320	12/12/2014 11:56:27 AM	Softeco	

What

Title Level crossing accident, 25/02/2014, LC km 65+637 line Cremona - Mantova (Italy)

Occurrence type	Railway vehicle movement events Level crossing event Level crossing accident	Occurrence Class	Serious accident
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Date of occurrence	25-02-14	Local time	16:00
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Events Railway vehicle movement events - Level crossing event - Level crossing accident

Descriptions

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3491
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Language	English	Translation provider	Information providers own translation
Description	Train 2655 (Trenord) collides with motorcycle at the LC km 65 +637, line Cremona - Mantova		

Location name	LC km 65+637 line Cremona - Mantova		
Railway System type	Railway	Country	Italy
Location type	Line	Border Country	
Line type	Single track	Line number	
Allowed line speed		Km number	
Latitude	45:06:13 North	Longitude	10:28:59 East
Location description	Level Crossing		
Additional location in			
Location type details	Fixed installations		

Occurrence details

Railway vehicles

Movement type	Regional passenger train	Train number	2655
RU	Italy Trenitalia-LeNORD Srl	Wagons overturned	No
Train speed at mom		Passengers onboard	Yes
Vehicle description			

Other objects involved in the occurrence

Other objects	Road vehicle - Motorcycle
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Parties involved

IM Involved	Italy - RFI SpA	RU	Italy - Trenitalia-LeNORD Srl
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	Fatalities	Serious injuries	Minor injuries
Passengers	0	0	0
Staff	0	0	0
Level crossing users	2	0	0
Unauthorised persons	0	0	0
Others	0	0	0
Total	2	0	0

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Material consequences

Material Damage Rolling stock 3rd party Estimated total mate < 150 000 €

Damage description

Images

Name	Description	Type	Size	Last modified	Organization	Repository
0						

Causation

Causes

Language	English	Translation provider	Information providers own translation
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Direct Cause description

improper occupation of the railway at the LC km 65 + 637 by the motorcycle, consequence of the attempt (failed) of the driver

to cross the LC by performing a maneuver of zig-zag between the half-barriers regularly closed

Underlying and root causes description

Causation classification

Railway vehicle movement events - Level crossing event - Level crossing accident

1 - Third party

Recommendations

Recommendation

Issuing information

Recommendation title	1	End implementer	IM
Recommendation ID	REC-000016	Addressee	NSA
Status	Sent to adreesee		
Issue date	21-10-14		

Recommendation texts

Language	English	Translation provider	Information providers own translation
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Recommendations text

It is recommended to the NSA to ensure that the IM assesses to replace the half barriers level crossing with one with complete barriers (eg. with double barriers), in consideration of the intense road traffic of heavy and light vehicles that affects the level crossing.

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Implementation information

Implementation status	Implementation date
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Rejected

NSA Response

NIB Comment

Causation links

Railway vehicle movement events - Level crossing event - Level crossing accident
Subsystem - Third party

Investigation details

Legal Basis	National rules imposed by implementing of the Safety Directive 2004/49/EC - in light of Article 19, §2 of SD - (a) the seriousness of the accident or incident
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Other reason descrip

ID	IT-3491	Reporting Body	Ministero delle infrastrutture e dei trasporti
National investigatio		Investigator in charge	
Occurrence creation	31-03-14 11:00:37		
Decision to investigate	26-02-14		
Declaration date	31-03-14		
Date of IM/RU notific	25-02-14		

Report Type	Final report	Workflow Status	Validated
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Report Version	2	Investigation Status	Closed
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Other Attachments	Name	Descriptio	Type	Size	Last	Organizati	Repositor
	Raccoman dazioni_B ozzolo.pdf	Official recomme ndations	applicatio n/pdf	640320	12/12/201 4 11:56:27 AM	Softeco	

Final Report	Name	Descriptio	Type	Size	Last	Organizati	Repositor
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Relevant for sharing	No	ID	IT-3491
Reporting Body	Ministero delle infrastrutture e dei trasporti		
Sharing good practice			
Impact on EU Level			
Investigation practice	Investigation practic		
Investigation findings	Investigation finding		
Recommendations			