

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3898
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#### Occurrence Summary

What		Location	
Date of occurrence	15-07-14	Location name	Napoli Centrale
Local time	21:56	Latitude	40:51:06 North
Event type	Railway vehicle movement events Trains collision Trains collision	Longitude	14:16:05 East

Description Collision with solo loco and consequent derailment

Direct Cause descrip 1. Shunting signal passed at danger by the solo loco, authorized to move from the end of truck n. 12 to the signal.  
2. Undue shunting movement authorization for the solo loco.

#### Final Report

Nam	Desc	Type	Size	Last	Orga	Repo
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#### Other Attachments

Nam	Desc	Type	Size	Last	Orga	Repo
			0			

#### What

Title Trains collision, 15/07/2014, Napoli Centrale (Italy)

Occurrence type	Railway vehicle movement events Trains collision Trains collision	Occurrence Class	Accident
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Date of occurrence	15-07-14	Local time	21:56
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Events Railway vehicle movement events - Trains collision - Trains collision

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3898
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Railway vehicle movement events - Train derailment

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Descriptions

Language	English	Translation provider	Information providers own translation
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Description	Collision with solo loco and consequent derailment
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Location name	Napoli Centrale
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Railway System type	Railway	Country	Italy
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Location type	Station	Border Country
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Line type	Multiple track	Line number
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Allowed line speed		Km number
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Latitude	40:51:06 North	Longitude	14:16:05 East
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Location description

Additional location in

Location type details	Fixed installations
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Occurrence details

Railway vehicles

Movement type	Regional passenger train	Train number	7961
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RU	Italy Trenitalia SpA	Wagons overturned	No
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Train speed at mom		Passengers onboard	Yes
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Vehicle description

Other objects involved in the occurrence

Other objects

Parties involved

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

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3898
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Others	0	0	0
Total	0	0	0

Material consequences

Material Damage	Infrastructure Rolling stock	Estimated total mate	150 000 - 2 000 000 €
Damage description	Infrastructure: € 235.938,53 RS: € 1.395.000,00		

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

1. Shunting signal passed at danger by the solo loco, authorized to move from the end of truck n. 12 to the signal.

2. Undue shunting movement authorization for the solo loco.

Underlying and root causes description

Causation classification

Railway vehicle movement events - Trains collision - Trains collision

1 - Train driving

2 - Managing traffic

Railway vehicle movement events - Train derailment

Recommendations

Recommendation

Issuing information

Recommendation title	n. 1	End implementer	IM RU
Recommendation ID	REC-000112	Addressee	NSA
Status	Sent to addressee		
Issue date	14-05-15		

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3898
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Recommendation texts

Language	English	Translation provider	Information providers own translation
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Recommendations text

Given that the technical standards of IM and RUs are often dated, the NSA (ANSF) must promote towards stakeholders the updating of technical standards / operational requirement, with particular attention to the uniqueness of the terms used in them, the simplicity of reading and consistency, in a general perspective of simplification and recasting of existing rules.

Implementation information

Implementation status	Implementation date
Unknown	

NSA Response

NIB Comment

**Recommendation**

Issuing information

Recommendation title	n. 2		
Recommendation ID	REC-000113	End implementer	IM RU NSA
Status	Sent to addressee	Addressee	
Issue date	14-05-15		

Recommendation texts

Language	English	Translation provider	Information providers own translation
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Recommendations text

The NSA (ANSF) should work towards the IM and the RUs to ensure that all communications between the driving personnel and the shunting personnel - regardless of the type of communication device used - are recorded.

Implementation information

Implementation status	Implementation date
Unknown	

NSA Response

NIB Comment

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-3898
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#### Causation links

Railway vehicle movement events - Trains collision - Trains collision  
 Subsystem - Operation - Operation and traffic management - Train driving  
 Subsystem - Operation - Operation and traffic management - Managing traffic  
 Railway vehicle movement events - Train derailment

#### 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

Other reason descrip

ID	IT-3898	Reporting Body	Ministero delle infrastrutture e dei trasporti
National investigatio		Investigator in charge	
Occurrence creation	24-07-14 14:23:31		
Decision to investigate	16-07-14		
Declaration date	24-07-14		
Date of IM/RU notific			

Report Type	Final report	Workflow Status	Validated
Report Version	2	Investigation Status	Closed

Other Attachments	Name	Descriptio	Type	Size	Last	Organizati	Repositor
				0			

Final Report	Name	Descriptio	Type	Size	Last	Organizati	Repositor
	investigazi oni_ferrov iarie_relaz ione_in_al ia_n__796 1_pdf.pdf	Final report	applicatio n/pdf	3872509	5/14/2015 3:20:51 PM	Softeco	