Preliminary Agenda

Training in Budapest

Budapest Technical University – 26th to 30th June 2017

Day 1 – Monday 26th June: Start of training and introduction

Time	Item	Speaker(s)
13:30 – 14:30 Introduction	Welcome Presentation of the training	ERA Budapest University Department of Railway Authority
14:30 - 17:15	Safety Culture and Human Factors: definition of Safety Culture in the Agency, the importance of integrating human factors in the Railway safety management from ERA perspective Practical examples taken from experience: • *Influence of the sun on safety at level crossings in Portugal* • *Risk of misunderstanding of signalling by the driver in Belgium*	Kim Drews Jean-Marie Dechamps External participants Lynn Chamberlain Clark / NetworkRail János Rózsa / NIB HU
17:15-17:30	Questionnaire 1 to be filled in by participants	

Day 2 – Tuesday 27th June: ERTMS and Infrastructure: design, manufacturing, authorization and safe integration

Time	Item	Speaker(s)
08:30 – 08:45	Feedback on questionnaire 1	
08:45 – 11:30	ERTMS: presentation of the system and its components Roles and responsibilities of actors in a project involving ERTMS components Practical examples taken from experience: • *Upgrading locomotives with ETCS level 2,* • *The installation of ETCS in the Gotthard tunnel* • *The deployment of GSM-R on several networks*	Thomas Châtelet External participants Peter Wilms / Mitsui Jurg Lütscher / NSA CH TBC / Kapsch
11:30 – 15:30	Authorization of a new or renewed piece of Infrastructure: roles and responsibilities of designers,	Maurizio Greco External participants

	manufacturers of components, Infrastructure Managers, NoBos, Debos and AsBos. Practical examples taken from experience: • *APIS of fixed installations including all tests* • *Example of Safety concept/Emergency Plan for a tunnel*	Christoph Haendel / ArsenalRace Jurg Lütscher / NSA CH TBC Fabrizio Caracciolo / RFI
16:00 – 17:15	Safe integration of new infrastructure: roles and responsibilities regarding risk management including interface with existing network, competence , operational rules, documentation, interface with RUs Practical examples taken from experience: • *Safe integration of the Gotthard tunnel into the existing infrastructure of the IM*	Matthieu Schittekatte Jean-Marie Dechamps External participants Jurg Lütscher / NSA CH Roland Legrain & Laurent Boileau / Alstom Beatriz Asencio / Cetren
17:15-17:30	Questionnaire 2 to be filled in by participants	

Day 3 – Wednesday 28th June: Vehicles and operation: design, manufacturing, authorization and safe integration

Time	*Item*	*Speaker(s)*
08:30 – 08:45	Feedback on questionnaire 2	
08:45 – 10:30	Authorization of a new EMU: roles and responsibilities of designers, manufacturers of components, NoBos, Debos, Infrastructure Managers and AsBos. Practical examples taken from experience: • *APIS of SNCF Regional trains*	Antoine Defossez Nordine Boussouf External participants TBC / Bombardier TBC / SNCF
11:00 – 12:30	Risk assessment: exported application conditions (operation & maintenance), interfaces with Infrastructure and other subsystems Practical examples taken from experience: • *Installation of Hot Axle Box Detectors on a TGV*	Antoine Defossez External participants Olivier Castellani / SNCF
13:30 – 15:00	Safe integration of a new rolling stock: role and responsibilities of RU, IM and NSA Practical examples taken from experience: • *TBD*	Matthieu Schittekatte Jean-Marie Dechamps External participants Marnix Van Der Heijde / NSA NL Hervé Guilbert / Alstom

15:30 – 17:15	Safe Operation: roles and responsibilities of RU and NSAs in supervision Collaboration between NSAs for safety certification and supervision" Practical examples taken from experience: • *TBD*	Matthieu Schittekatte Jean-Marie Dechamps External participants TBC
17:15-17:30	Questionnaire 3 to be filled in by participants	

Day 4 – Thursday 29th June: Maintenance of vehicles

Time	*Item*	*Speaker(s)*
08:30 – 08:45	Feedback on questionnaire 3	
08:45 – 12h00	Maintenance of vehicles: roles and responsibilities of ECM on establishing maintenance file, interface with RU, responsibilities of NSAs in supervision Practical examples taken from experience: • *The experience of an ECM before and after certification* • *What is a certification body and what are its tasks*	Nathalie Duquenne Aleksandra Perkuszewska External participants Geoffrey Tresontani / CFL Cargo Fabian Schmid / ERC GmbH
13:30 – 15:00	Management of changes: roles and responsibilities of ECM maintenance development services, maintenance workshops and certification bodies when appropriate Practical examples taken from experience: • *What to do when changes occur*	Nathalie Duquenne Aleksandra Perkuszewska External participants Geoffrey Tresontani / CFL Cargo Fabian Schmid / ERC GmbH
15:30 – 17:15	ERA Registers: what are they for and how to work with them (ERADIS, ERAIL, RDD Safety alert IT tools…)	Aleksandra Perkuszewska
17:15 – 17:30	Questionnaire 4 to be filled in by participants	

Day 5 – Friday 30th June: Specific topics and conclusions

Time	*Item*	*Speaker(s)*
08:30 – 11:30	Feedback on questionnaire 4	All ERA

	Clarification of some points according to the answers to the questionnaires The way forward: 4th railway package, which changes will it bring, what are ERA activities in preparation?	
11:30 – 12:30	Conclusions and end of training	