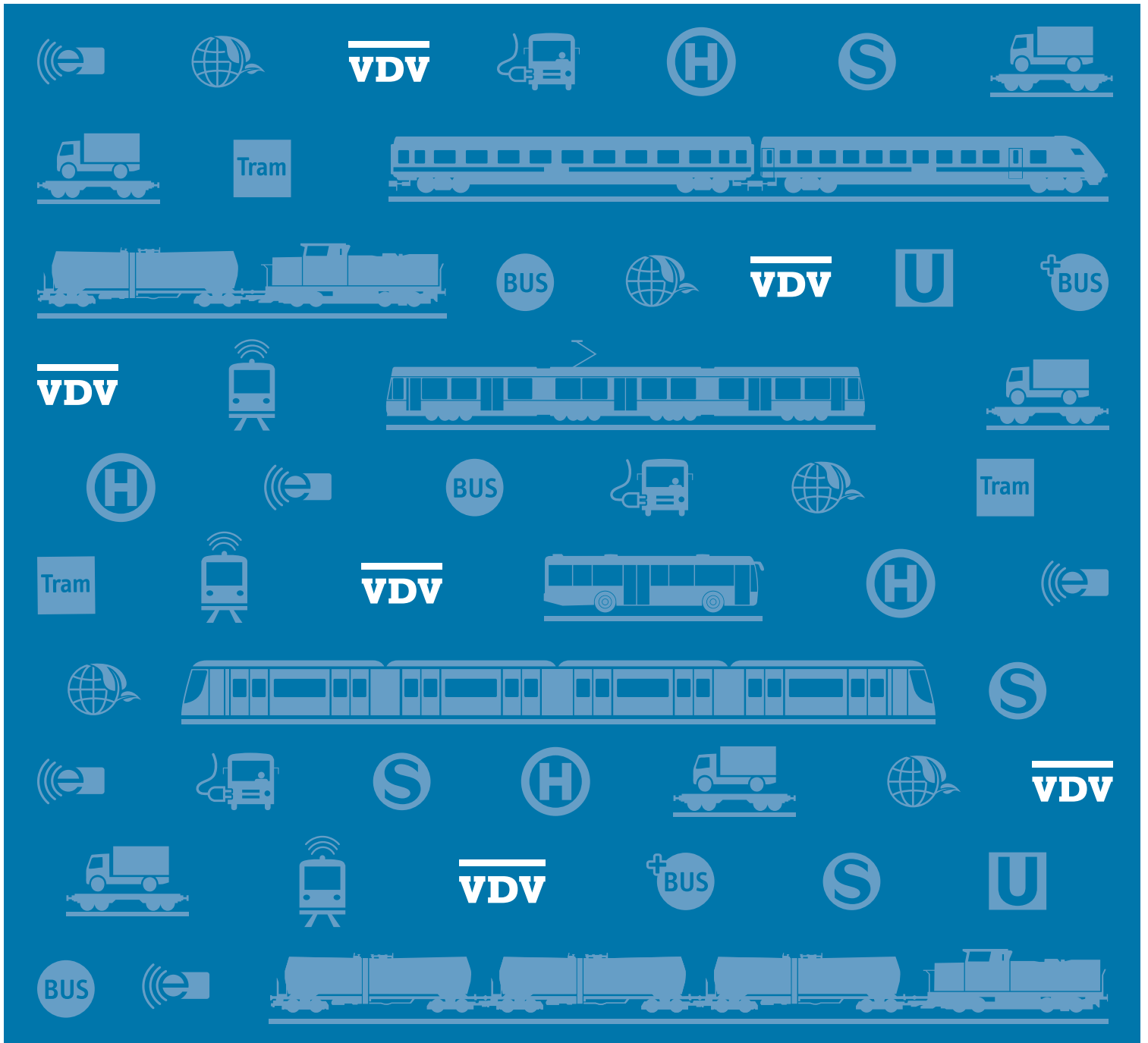


List of VDV Recommendations and VDV Reports

May 2021



Preface

In this list of the Association of German Transport Companies (VDV) presents the VDV Recommendations and VDV Reports and the regulatory frameworks of relevance to the public transport and rail freight transport sector.

Further publications are found in the Internet under www.vdv.de

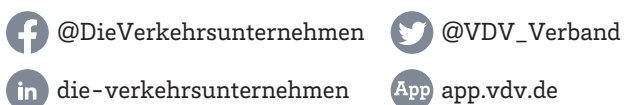
The large quantity of publications impressively demonstrates the broad range of tasks to which the VDV is devoted. You are very welcome to use the specialist knowledge gathered in these publications by our internal and external experts for your work.

You can order the publications of interest in several ways. The publications listed on the following pages have been published by different publishing houses. To simplify the ordering procedure, we inform you of the correct way of calling a publication directly at each publication.

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Visit us at



VDV Recommendations

According to its Articles of Association the VDV prepares standard recommendations and rules concerning operational, legal and technical subjects in working groups and together with other interested parties. VDV's preparing rules, VDV Recommendations and VDV Reports means that it fulfils its object, i.e. to prepare expert solutions, standard recommendations and rules by consensus on the basis of the extensive operational, legal and technical experience and knowledge of representative experts for the benefit of the entire sector.

VDV Recommendations are prepared by VDV committees. They circulate under an enquiry procedure before they are published. At this stage all VDV member companies and – if relevant – industrial enterprises and other associations can give their views on the draft publications. In this way broad consensus is ensured. The VDV Recommendations are numbered consecutively within a number range relating to the relevant subject areas, which appear from the below overview.

In the column "Language" a "D" indicates that the publication has been published in German, an "E" that an English version exists, and an "F" that the publication is available in the French language. If there is no entry in the column "Order", the VDV Recommendation can be purchased here:

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Group	Number range	Subject area
0	1-99	Planning of Transport Systems, General
	1-49	General
	50-99	Planning of Transport Systems
1/2	100-299	Vehicles
	100-149	General Recommendations
	150-199	Railway Vehicles for Public Transport
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5	500-599	Electrical Power Installations
6	600-699	Rail Construction
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	880-899	Maintenance Procedures
9	900-999	Economy and Law

VDV Recommendations

VDV-No.	Title	Edition	Dep.	Language	Order
Planning of Transport Systems (0), General Planning					
1	Traffic Surveys	10/1992	T2	D	
2	Optimization of Routes	10/1992	T2	D	
3	Conception, Planning and Operation of P+R (published as a booklet)	02/1993	T2	D	
4	Public Transport Development, Public Transport Offer and Quality of the Public Transport Network	01/2019	T2	D, E	
Vehicles (1/2), General Vehicle Subjects					
110	Recommendation on Automatically Working, Power-Operated Doors in Line-Service Buses and Tramcars	12/1985		D	out of print
Vehicles (1/2), Urban Rail Rolling Stock					
150	Recommendation of Type – Light Rail Vehicles	04/1995	T1	D, E	
151	Recommendation of Type – Metro Vehicles	04/1995	T1	D, E	
152	Recommendations on the Design for Strength of Urban Rail Rolling Stock according to BOStrab	10/2016	T1	D, E	
153-1	Recommendations on the Preparation of Requirements – Specifications for Public Transport Rail Vehicles; Part 1: Metro Vehicles	11/1986	T1	D	
153-2	Recommendations on the Preparation of Requirements – Specifications for Light Rail Vehicles	04/1993	T1	D	
154	Noise from rail vehicles for public urban passenger transport	10/2011	T6	D, E	
155	Compressed-Air Receivers on Vehicles in accordance to BOStrab	05/2009	T1	D	
156	Recommendation of Type – Low-Floor Tram Trailer	02/1998	T1	D, E	
157	Requirements for Protection from Trapping and Injury as well as for Emergency Opening Devices at Doors of Rolling Stock Operated according to BOStrab	04/2020	T1	D	
160	Basic Requirements to the Electrical Equipment of Light Rail Vehicles and Metro vehicles	06/2002	T1	D	
161/1	Safety Requirements for the Electrical Equipment of Light Rail Vehicles and Metro Vehicles; Part 1: Basics	04/2005	T1	D, E	
161/2	Safety Requirements for the Electrical Equipment of Light Rail Vehicles and Metro Vehicles – Part 2: Safety Integrity Requirements at Vehicle related electrical/electronic/programmable electronic Protection Functions	10/2009	T1	D, E	
165	Electronic Tachographs for Urban Rail Vehicles according to BOStrab	12/2017	T1	D	
166/1	Requirements for the Vehicle Control in LRVs and Metro Vehicles – Part 1: Car Control System	04/2005	T1	D	

VDV Recommendations

VDV-No.	Title	Edition	Dep.	Language	Order
166/2	Requirements for the Vehicle Control in LRVs and Metro Vehicles – Part 2: Diagnostic System	04/2005	T1	D	
166/3	Requirements for the Vehicle Control in Light Rail Vehicles and Metro Vehicles – Part 3: System for Diagnostic Messages	12/2014	T1	D	
169	Basic Requirements for the Installation and Cabling of Electrical Equipment in Urban Rail Rolling Stock	01/2020	T1	D, E	obtainable free of charge from the VDV department (S1)
170	Maintenance of Rail Vehicles (applies only to rail vehicles according to BOStrab)	10/2000	T3	D	
172	Welding of Vehicles of Tram, Light Rail and Metro	08/2010	T1	D	
173	Recommendation on the Procurement and Maintenance of Axles for Light Rail and Metro Vehicles	07/2011	T1	D, E	
174	Adhesive Bonding on Urban Rail Rolling Stock according to BOStrab	04/2017	T1	D	
181	Air conditioning for urban and suburban rail vehicles – passenger compartments	06/2012	T1	D, E	
182	Air Conditioning for Urban and Suburban Rail Vehicles – Driver's Cabs	04/2020	T1	D, E	
183	Procurement and Maintenance of Heating, Ventilation and Air Conditioning Systems (HVAC Systems) for Urban and Regional Rail Vehicles	11/2018	T1	D, E	
191	Advanced Driver Assistance Systems (ADAS) for Tramcars for Avoidance of Collision with Obstacles Situated Directly on the Track	07/2019	T1	D, E	
Vehicles (1/2), Railway Rolling Stock					
201	Requirements for Radio Remote Control Units of Traction Units for Private Railway Operators	08/1992	T13	D	
203	Catalogue of Requirements for Regional Trainsets (no further development)	10/2013	T13	D	
211	Radio Control Units for Motive Power Units for Freight Railways	03/2007	T13	D	
Vehicles (1/2), Buses / Commercial Vehicles					
230	Framework Recommendation for low-floor City buses	07/2014	T3	D, E	
230-1	Skeleton Recommendation on Urban Low-Floor Line-Service Buses Operated Electrically (Electric Bus)	03/2018	T3	D, E	
231	Skeleton Recommendation on Regional Low-Floor Line-Service Buses	06/2004	T4	D	
233	Skeleton Recommendation on Three-Axle Low-Floor Line-Service Buses of Ample Size	05/1997	T3	D	
234	Driver's Workplace in the Low-Floor Line-Service Bus	08/2020	T3	D	

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VDV-No.	Title	Edition	Dep.	Language	Order
235	Recommendation on Electromagnetic Compatibility (EMC) in Line-Service Buses	06/1994	T3	D	
236	Air conditioning of buses of the classes I (Urban bus) and II (Suburban bus), for conventional diesel and gas buses as well as for hybrid, fuel cell and electric buses	11/2018	T3	D, E	
236-1	Life-Cycle-Cost optimised Air Conditioning of Line-Service-Buses – Partial Air Conditioning of the Passenger Compartment – Full Air Conditioning of the Driver’s Cab	08/2009	T3	D, E	
237	Skeleton Recommendation on Regional High-Floor Line-Service Buses	06/2004	T4	D	
260	Electric Bus – Infrastructure / Charging Points	03/2016	T1	D	
261	Recommendation for connecting a scheduling backend to an electric bus, in addition to the ISO standard 15118	01/2020	T4	D, E	
Information Technology / Information Processing (3/4), General IT Subjects					
300	Integrated On-Board Information System (IBIS)	06/1984	T21	D, E	
300-1	Integrated On-Board Information System (IBIS) (including Supplement 1)	08/1987	T21	D, E	
300-2	Integrated On-Board Information System (IBIS) (including Supplement 2)	07/1991	T21	D, E	
301-1	Internet Protocol based integrated board information System IBIS-IP – Part 1: System architecture	01/2014	T21	D, E	research project obtainable free of charge from the VDV department
301-2	Service description – General conventions V2.2	08/2019	T21	D, E	
301-2-0	Service description – SERVICE-DeviceManagementService V2.2	08/2019	T21	D, E	www.vdv.de
301-2-1	Service description – Common Data Structures and Enumerations V2.2	08/2019	T21	D, E	www.vdv.de
301-2-10	IBIS-IP Description of Services – TimeService, Version 1.0	02/2018	T21	D	
301-2-11	Service description – VideoLiveService – V2.0	08/2019	T21	D, E	www.vdv.de
301-2-12	Service description – VideoRecordingService V2.0	08/2019	T21	D, E	www.vdv.de
301-2-13	Service description VideoDisplayService V2.0	08/2019	T21	D, E	www.vdv.de
301-2-14	IBIS-IP Service description – TrainSetInformationService – TrainSetManagementService – SERVICE-TrainSetDataService V2.2	08/2019	T21	D, E	www.vdv.de
301-2-15	IBIS-IP Service description – DoorStateService V2.1	07/2018	T21	D	www.vdv.de electronic version is obtainable free of charge from the VDV department (research project)
301-2-16	Service description – SERVICE-TicketValidationService V2.2	08/2019	T21	D, E	www.vdv.de

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301-2-17	Service description – DIENST-/SERVICE-HTMLDisplayService – V2.2	08/2019	T21	D, E	www.vdv.de
301-2-18	IBIS-IP – Service Description –Service SystemMonitoringService – V2.2	08/2019	T21	D, E	www.vdv.de
301-2-2	IBIS-IP Description of Services – BeaconLocationService	07/2016	T21	D	
301-2-3	Service description – CustomerInformationService – V2.2	08/2019	T21	D, E	
301-2-4	IBIS-IP Description of Services – DistanceLocationService	07/2016	T21	D	
301-2-5	IBIS-IP Description of Services – GNSSLocationService	07/2016	T21	D	
301-2-6	IBIS-IP Description of Services – JourneyInformationService	07/2016	T21	D	
301-2-7	IBIS-IP Description of Services – NetworkLocationService	07/2016	T21	D	
301-2-8	IBIS-IP Description of Services – PassengerCountingService, Version 2.1	07/2018	T21	D, E	
301-2-9	IBIS-IP Description of Services – TicketingService	07/2016	T21	D	
301-3	Internet Protocol based integrated board information System IBIS-IP – Part 3: Network infrastructure	02/2020	T21	D, E	

Information Technology / Information Processing (3/4), Train Safety Technology

331	Safety Integrity Requirements for Signalling and Train Control and Protection Systems according to BOStrab	07/2008	T22	D, E	
332	Safety Integrity Requirements for Non-Federal Railways	07/2008	T22	D	
334	SIG RZA-NE Guideline on the Approval and Acceptance of Railway Signalling Installations for Non-Federal Railways	11/2007	T22	D	
336-1	Functional Requirements for signal and command, control and management systems of Urban Guided Transport Part 1: Signaling systems and point control systems for train operation on sight (TOS)	02/2017	T22	D	
336-2	Functional Requirements for signal and command, control and management systems of Urban Guided Transport Part 2: Command and control systems	04/2014	T22	D	
340	Directive on the Planning and Construction of Train Safety Installations for Light Rail and Metro Systems	10/1994	T22	D	
341	Technical Safety of Level Crossings with Tramways	12/1994	T22	D	
343	Planning and Construction of Point Controllers in Areas with Driving on Sight	02/2016	T22	D, E	
345	Technical recommendations on process control technique operations equipment for remote control of train protection and proceed signal installations according (BOStrab)	12/2015	T22	D	
346	Maintenance of Electrical Setting and Monitoring Facilities at Switches and Derailers (BOStrab)	04/1998	T22	D	
347	Maintenance (Approvals and Inspections) of Train Detection Elements and Systems (BOStrab)	09/2019	T22	D	

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348	Maintenance (Approvals and Inspections) of Driving signal systems and point controls in the visual driving range (BOStrab)	09/2019	T22	D	
349	Maintenance of Train Safety Installations – Train Control System / Route and Vehicle Equipment (BOStrab)	10/2003	T22	D	
350	Maintenance of Train Safety Installations / Signal Box Equipment (Relay Technology)	03/2003	T22	D	
351	Maintenance of Train Safety Installations – Signal Box Facilities (Electronic Equipment)	12/2005	T22	D	
352	General Plan of Education of the Technical Staff for Signalling and Train Safety Installations (BOStrab)	08/1999	T22	D	
353	Planning and Construction of Route Signalling Installations according to § 31 of BOStrab	04/2010	T22	D	
360	Railway Controlling Equipment	11/2007	T22	D	
361	Railway Signaling Systems – signal technical principles for non-federally owned railways	06/2016	T22	D	
362	Level Crossings in Isolated Works Areas	03/2004	T11	D	
363	Regulation for securing the level crossings at non-federal railways (BÜV NE)	08/2020	T22	D	
399	Requirements for Facilities Ensuring the Passengers' Safety at Stations with Driverless Operation	10/2000	T2	D, E	
SIG RMI	SIG RMI – Directive on the Erection and Maintenance of Railway Signalling Installations (EBO/BOStrab) (order No. 105040)	2001	T22	D	
SIG RMI-O	Folder for SIG RMI and BÜV NE, DIN A4, yellow, plastic (order No. 105045)		T22		
Information Technology / Information Processing (3/4), Telecommunications Technology					
04.04.1	Recommendation on Telecommunications Cables for DC Traction Systems	05/1980	T21	D	
04.04.1	Supplement	01/1984	T21	D	
04.05.3	Technical Requirements for Data and Speech Mobile Radios	09/1982	T21	D, E	
04.05.5	Radio Data Interface (BON Version)	01/1983	T21	D, E	
04.05.6	Telecommunications Devices in Public Transport Vehicles (N-fold)	12/1989	T21	D	
04.06.1	Technical Requirements for Public Address Systems at Stops	07/1981	T21	D	
04.06.2	Technical Requirements for Electroacoustic Installations in Public Transport Vehicles	06/1987	T21	D	
400	Planning Bases for Stationary Telecommunications Systems with Transport Undertakings	04/1993	T21	D	
401	Technical Requirements for Digital Public Address Devices	05/2008	T21	D	
410	Cabling of Telecommunication Facilities in Line-Service Buses for the Public Transport	09/1992	T21	D	

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411	Maintenance of Telecommunications Facilities with Transport Undertakings	08/1996	T21	D	
420	Technical Requirements for Automatic Vehicle Location / Control Systems – Radio Data Transmission (BON Version) with Supplement 1 and Supplement 2	06/1990	T21	D, E	
421	Technical Requirements for Location Beacon Systems	11/1993	T21	D, E	
423-1	Digital Standard for Telecommunications within Public Transport – Part 1: Bases	07/2012	T21	D	research project – obtainable free of charge from the VDV department
423-2	Digital Standard for Telecommunications within Public Transport – Part 2: Conception, Layer Model and Glossary	07/2012	T21		research project – obtainable free of charge from the VDV department
423-3	Digital Standard for Telecommunication within Public Transport – Part 3: Special Services	12/2012	T21	D	research project – obtainable free of charge from the VDV department
423-4	Digital Standard for Telecommunications within Public Transport – Part 4: Communication	06/2014	T21	D	research project – obtainable free of charge from the VDV department
423-5	Digital Standard for Telecommunications within Public Transport – Part 5: Transport	06/2014	T21	D	research project – obtainable free of charge from the VDV department
424	Digital Internal Operation and Trunking Radio for Public Transport – Operational Requirements	01/2005	T21	D	
425	Security Concepts for Public Transport Control Centers – Complexity, Security – Availability – Redundancy, Fall-back Concepts and IT-Grundschutz of the German Federal Office for Information Security (BSI)	07/2015	T21	D	
426	Light Signal Installations – Influence via Digital Radio Technology	06/2014	T21	D	
427	Recommendation on Telecommunications Cables for DC Railway Systems	06/2014	T21	D	
428	Requirements for digital radios – Technical and operational requirements for digital radios for use in digital operational and public radio systems	03/2018	T21	D	
430	Mobile customer information in public transport – System architecture	01/2014	T21	D	research project – obtainable free of charge from the VDV department
431-1	Real time communication and information platform EKAP – Part 1: System architecture	01/2014	T21	D	research project – obtainable free of charge from the VDV department

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431-2	Real time communication and assistance platform EKAP – Part 2: EKAP interface description V1.3	09/2019	T21	D, E	
432	Identification of stop points – Application of Global ID in Germany – Communication to the central German stop point gazetteer	07/2016	T21	D	
433	Identification of Lines and Trips – Unique Line and Trip IDs for Germany	03/2018	T21	D	
435-0	Internet of Mobility – Basics aspects	02/2020	T21	D, E	
435-1	Internet of Mobility – Part 1: Functional system architecture	02/2020	T21	D, E	
435-3-0	Internet of Mobility – IoM – Technical basics & concepts	03/2021	T21	D, E	
435-3-1	Internet of Mobility – IoM – Common Data structures	04/2021	T21	D, E	
435-3-3	Internet of Mobility – IoM – Log On and Log Off	04/2021	T21	D, E	
435-3-4	Internet of Mobility – IoM – Locating & Positioning	04/2021	T21	D, E	
435-3-5	Internet of Mobility – IoM – Person Counting & Occupancy	04/2021	T21	D, E	
436-1	Open mobility platform (OMP) – Part 1: role model & typical cooperation scenarios	08/2019	T21	D	
436-2-1	Open mobility platform (OMP) – Part 2-1: reference architecture	08/2019	T21	D	
436-2-2	Open mobility platform (OMP) – Part 2-2: interaction	08/2019	T21	D	
440	Sector requirements for IT security – Public Transport & Rail of the Non-Federal Railways (NE)	07/2020	T21	D	
Information Technology / Information Processing (3/4), Data Technology / Data Processing					
452	VDV Standard Interface Network / Timetable – including enhancements: definition of connections / surface areas (territorial entities)	07/2013	T23	D, E	www.vdv.de/oePNV-datenmodell.aspx
453	Actual Data Interface – dynamic schedule synchronisation – dynamic passenger information – visualisation – general – information service (version 3.0)	10/2020	T23	D, E	
454	Integration Interface of Computer-Aided Operations Command/Control Systems – Transfer of Up-to-date Timetable and Service Position Data to the Timetable Information System (version 3.0)	10/2020	T23	D, E	
455	Integration Interface of Computer-Aided Operations Command/Control Systems – Transfer of Up-to-date Timetable and Service Position Data to the Timetable Information System	03/2005	T23	D	research project – obtainable free of charge from the VDV department
456	Standard Interface for Infrastructure – Data Management (IDMVU)	05/2014	T23	D, E	research project – obtainable free of charge from the VDV department

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VDV-No.	Title	Edition	Dep.	Language	Order
457	Automatic Passenger Counting Systems – Recommendations on the Application of such Systems within Public Transport, Version 2.1	04/2018	T23	D, E	
459	Actual Data Interface concerning "Demand-Controlled Transport (AST)"	03/2008	T23	D	research project – obtainable free of charge from the VDV department
461	Real Time Interface: Depopt Management System – AVMS	12/2009	T23	D	research project – obtainable free of charge from the VDV department
462	Standardised Exchange of Line Network and Timetable Data in accordance with the European Standard NeTEx – VDV's NeTEx User Manual	05/2020	T23	D	
464	Standardised data exchange between railway companies and railways of public ports (as railway infrastructure companies) for advance notifications of trains and shunting movements to/from sea and inland ports (EöH-IT interface) –EIS	04/2021	MG		

Electrical Power Installations (5)

501/1	Part 1: Provisions and Bases for Calculation	04/1993		D, E	
501/2	Part 2: Measuring Methods	04/1993		D, E	
501-3	Part 3: Computer Model	10/1995		D, E	obtainable free of charge from the VDV department
504	Insulated rail joints	06/2013	T1	D	
505	Design of and Protective Provisions for DC Rectifier Substations for Urban DC Rail Systems	08/2019	T1	D, E	
506	Design of and Protective Provisions for Electrical Power Installations in Depots and Workshops for Urban DC Rail Systems	08/2019	T1	D, E	
507	Design of and Protective Provisions for Electrical Power Installations Along Urban DC Rail Lines	08/2019	T1	D, E	
509	Application of Residual Current Protective Circuits in Electrical Power Installations of DC Urban Rail Systems	10/2008	T1	D, E	
515	Cables for Electrical Power Installations of Urban DC Rail Systems and Trolleybus Systems	03/2019	T1	D	
520	Protection in case of Overload Current and Short-Circuit Current from Traction Power Supply Systems for Urban DC Rail Systems	01/2015	T1	D, E	
521	Power Supply Systems for DC Traction Systems with Regenerative Braking Vehicles	09/1997	T1	D	
525	Overvoltage Protection for Traction Power Supply Systems of DC Urban Rail Systems	06/2012	T1	D, E	
530	Maintenance of Power Supply, Contact Line and Lighting Installations	10/1990	T1	D	

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535	Planning and Construction of Lighting Installations in the Track Area of Urban Rail Systems according to BOStrab	03/2010	T1	D	
550	Overhead Contact Line Systems for Tramcars and LRVs	04/2003	T1	D, E	
551	Overhead Contact Line Poles, Pole Foundations and Wall Anchors	08/2017	T1	D, E	
560	Electrical Point Heating Systems for Urban DC Rail Systems	02/2013	T1	D, E	
570	General Instructions for Working at or near to energised Overhead Contact Line Systems of DC Mass Transit Systems	09/2011	T1	D	
580	Insulated Elevating Work Plaforms for Working on Overhead Contact Line Systems up to DC 1500 V	07/2014	T1	D, E	
Rail Construction (6), Rail Construction for Public Transport					
600	VDV Permanent Way Directive and Additional Permanent Way Directive for Traction Systems according to BOStrab (loose-leaf compilation with file)	08/2018	T6	D	
604	Kinds and Forms of Permanent Ways for Mass Transit Systems	10/2019	T6	D	
607	Hints on the Drawing up on an Instruction for Persons in Charge at Track Sites (gang leaders, foremen, group leaders etc.)	05/1993	T6	D	
608	Graphic Data Processing for the Planning, Construction and Maintenance of Rail Construction – Requirements Catalogue	08/1995	T6	D	
609	Track welding on local transport companies and non-federally owned railways	06/2020	T6	D	
610	Training of Safety Posts for the Service at Traction Systems according to BOStrab and at Traction Systems for Regional Traffic (DB AG not included)	06/1997	T6	D	
611	Noises in curves of tracks for railbound Public Transport – Recommendations on their reduction	11/2011	T6	D	
612	Obri-NE Directive on the Permanent Way for Non-Federal Railways	03/2018	T6	D	
613	Establishment and maintenance of vegetation areas along the railroads of non-federally owned railroads	01/2020	T6	D	
Operation (7), Operation of Public Transport					
700	Recommendations on Specifications for mobile ticketprinter (mTD)	09/2011	W	D	
701	Operational and Technical Recommendations on Mobile and Stationary Ticket Validating Machines and their Remote Control	01/1991	T5	D	
702	Recommendations on Specifications for Stationary Ticket Vending Machines	03/2010	W	D	
703	General instructions for ticket controllers	04/2015	T5	D	
704	Recommendations on Specifications for mobile Ticket vending machines	04/2011	W	D	

VDV Recommendations

VDV-No.	Title	Edition	Dep.	Language	Order
706	Guidelines for designing touch-screen tickets machines	09/2014	V	D	
709	Instructions concerning Bus Driving Service (DFBus)	05/1999	T5	D	
710	Instructions concerning Urban Rail Service (DFStrab)	04/2002	T5	D	obtainable free of charge from the VDV department
711	Instructions for Supervisors: Supervision Instruction	05/2011	T5	D	
712	Recommendations on the Approval, Training and Advanced Training of Driving Staff	05/2019	T5	D	
712-1	Annex 1: Outline Curriculum for Basic Qualification and Advanced Training of Bus Drivers acc. to Directive 2003/59/EC and the Act on Qualification of Professional Drivers (BKrFQG)	04/2006	T5	D	
712-2	Annex 2: Outline Curriculum for the Training of Drivers of Tramcars, LRVs and Metro Vehicles	04/2009	T5	D	
713	Passenger Information at Stops and on Vehicles	05/2006	T5	D	inclusive CD-ROM
714	Guidelines for Assessment of the Operational Fitness for Service within Transport Undertakings	03/2020	T5	D	
718	Operational Requirements for Computer-Aided Command/Control Systems	08/2003	EU, T5, T22	D	
719	Recommendation on Licensing, Education and Training of Operational Control Staff acc. to BOStrab – "ZAW Operational Control"	04/2006	T5	D	
720	Customer information by divergence of the scheduled timetable	07/2011	T21	D	
721	Basic recommendation of a Chief operating superintendent (BOStrab) Service Instruction	04/2012	T5	D	
722	Structured incident management – Disposition – Information – Documentation – Recommendations to cope with disruptions in the bus and train operation	12/2015	T21	D	
723	Key Efficiency and Quality Data in the Driving Operation Production Process for the Phases of Planning, Realisation and Control in Consideration of DIN EN 13816	05/2011	T5	D	
724	Pictograms for Passenger Information at Stops and Stations and in Vehicles	12/2020	T21	D	
725	Design of printed time table schedules	11/2013	T21	D	
726	Instruction framework for management responsibility according to BOStrab	11/2014	T5	D	
727	Recommendations for admission, training and education for trainer according to BOStrab	11/2014	T5	D	
730	Functional requirements for intermodal transport control systems(itcs) – Guideline for the procurement of itcs-tender	12/2015	T21	D	
731	Operational Requirements for public transport control centers	11/2015	T5	D	
733	Ticket layout for mobiles ticketing	11/2016	V	D	

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734	Ticket layout for print tickets	11/2016	V	D	
735	Collective Dynamic Passenger Information in Public Transport – Requirements for Dynamic Information Systems	09/2017	T21	D	
736-1	Handling of disturbance Messages (UmS) – functional requirements and operational processes	03/2018	T21	D	
736-2	Handling of disturbance information (UmS) – Standardised exchange of event and disturbance information with the European standard CEN/TS 15531-5 "SIRI" – Part 2 Description of SIRI-SX interface	08/2019	T21	D	
737	Standards for monitoring subcontractors in public bus transport	01/2020	T5	D	
738	Guideline for Level Crossings according to Section 20 BOStrab and Recommendations for Places of Crossings for Pedestrians according to Section 16 (5) BOStrab	02/2020	T5	D	
Operation (7), Railway Regulation					
	See also VDV 714			D	VDV 714 is also applicable in Railway operation
750	Service Manual for Sidings / Instructions for Railway Operation on Sidings – Recommendations on ist Compilation	06/2008	EB	D	
752	Recommendation on the Selection of Suitable Operating Procedures for Single-Track Railway Lines	03/2004	EB	D	
753	Directive on the Grant, Restriction and Suspension of the Permission to Drive Railway Vehicles on the Railway Infrastructure of Public Railway Infrastructure Companies – Railway Vehicle Driving Licence Directive	07/2006	ER	D	vdv-regelwerke.de
754	Directive concerning the competence of personnel in railway operations	08/2016	EB	D	
755	Directive on the Acquisition, Keeping and Supervision of Route Knowledge of Railway Lines for Public Railway Line Operators – Route Knowledge Directive	08/2016	EB	D	vdv-regelwerke.de
756	Guide to structured decision-making within railway companies	04/2008	EB	D	
757	Service and Testing of Brakes by the Transport Company	07/2019	EB	D	DB Kommunikations-technik GmbH, Kriegsstraße 136, 76133 Karlsruhe, dzd-bestellservice@ deutschebahn.com, T +49 721 938-5965, F +49 69 265-57986
758	Tests of Railway Freight Wagons	06/2019	EB	D	
759	Procedures for Train Despatch in Railway Passenger Traffic	06/2020	EB	D	

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Operation (7), Railway Regulations					
BRW	Operational Rules for Railway Undertakings (Compendium of Common Internal Operational Rules for Railway Undertakings)	12/2019	EB	D	DB Kommunikations- technik GmbH, Kriegsstraße 136, 76133 Karlsruhe, dzd-bestellservice@ deutschebahn.com, T +49 721 938-5965, F +49 69 265-57986
BUVO- NE	BUVO-NE – Regulations on Accidents Happening at Work for Non-Federal Railways	2010	EB	D	vdv-regelwerke.de
DAT	DAT – Instructions for Staff of Multiple Units of Non-Federal Railways	2008	EB	D	
DMV	DMV – Instructions for Staff of Transport Companies – Part 1: Non-Federal Railways	1999	EB	D	
FV-NE	FV-NE – Operating Regulations for Non-Federal Railways	12/2018	EB	D	vdv-regelwerke.de to update 12/2018
ROLLVO	ROLLVO – Operating Instructions on the Use of Rolling Stock (order No. 105024)	2012	EB	D	vdv-regelwerke.de
SIG-VB- NE	SIG-VB-NE – Regulation on the Operation of Signalling Installations for Non-Federal Railways	1992	EB	D	vdv-regelwerke.de
Depots and Workshops (8), General					
800	Qualification and development of Workshop Staff	04/2015	T4	D	
801	Vehicle reserve	03/2019	T4	D	
802	Working time models for the division vehicle maintenance and availability	07/2013	T4	D	
Depots and Workshops (8), Structures					
820	Workshop Facilities for the Maintenance of Low-Floor Vehicles	04/1996	T4	D, E	
821	Demand meeting Depots with adapted Life Time	08/2011	T4	D	
822	Directive on the Construction of Bus Depots	09/2016	T4	D	
823	Recommendations on the Design of Depots for LRVs and Tramcars	10/2001	T4	D, E	
824	Recommendations on the Design of Metro Depots	04/2006	T4	D	
825	Effects of the "Clean Vehicles Directive" at city buses on depots and workshops	11/2020	T4	D	
827	Recommendations for the design of maintenance depots for railways (region rail transport)	12/2010	T4	D	
828	Modernization of Depots for LRVs and Tramcars	07/2011	T4	D	
Depots and Workshops (8), Equipment, Disposal					
851	Environmental protection in transport companies	09/2020	T4	D	

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860	Recommendation on the Equipment and Machines Needed for the Vehicle Maintenance in Depots and Workshops	01/2005	T4	D	
861	Carswash	04/2015	T4	D	
Depots and Workshops (8), Maintenance Procedures					
880	Requirement specification for IT-assisted Vehicle Maintenance	08/2011	T3	D	
881	Procedures for the identification of human resources data for the maintenance and deployment of buses	03/2019	T4	D	
881-1	Procedure for Determination of Personnel Key Data for Maintenance of Trolleybuses (Annex to VDV Recommendation 881, 05/2006)	06/2012	T4	D	obtainable free of charge from the VDV department
882	Characteristics for the Need of Workshop Staff – Maintenance of Rail Vehicles acc. to BOStrab	10/2000	T3	D	
884	Materials Management for the Vehicle Maintenance within Transport Undertakings	11/2008	T4	D	
885	Maintenance Guide for Brakes and Pressure Vessels for Non-Federal-Railways	10/2010	T13	D	
886	Guidelines for Rolling Stock Maintenance	02/2014	T13	D	
889	Non-destructive Testing (NdT) of Rolling Stock and their Components	11/2018	T13	D	DB Kommunikations-technik GmbH, Kriegsstraße 136, 76133 Karlsruhe, dzd-bestellservice@ deutschebahn.com, T +49 721 938-5965, F +49 69 265-57986
Economy and Law (9)					
900	Recommendation on Agreements about Crossings of Drainage Channels and Pipes with Land of Non-Federal Railways	09/1991	ER	D	
910	Characteristics as a Quality Control Instrument for the Planning of the Traffic and the Operation	04/1992	R3	D	
920/1	Recommendation on Statistics for the Transport Undertaking, Volume 1: Tabular Scheme; Part I: Data; Part II: Characteristics relevant to Practice	06/1995	W	D	volume 1 and volume 2 from the recommendation are offered together
920/2	Recommendation on Statistics for the Transport Undertakings, Volume 2: Explanations; Part I: Data; Part II: Characteristics relevant to Practice	06/1995	W	D	volume 1 and volume 2 from the recommendation are offered together
930	Arithmetic Separation between the Infrastructure and the Transport for Non-Federal Railways – Guide	05/1997		D	
950	Harmonisation of the Public Transport Fares	04/2004	W	D	
951	Retrieval and Linkage of Enquiry Data within Public Transport	08/2010	V, St	D	

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Vehicles (1/2), General Vehicle Subjects					
1101	Sustainability Report – Recommendations for the structure and content of a sustainability report in transport companies	05/2011	NU	D	
Vehicles (1/2), Urban Rail Rolling Stock					
1500	Operation of Light Rail Vehicles in the Route Network of the German Federal Railways and the German National Railways	07/1992	T1	D	
1501	Bases for the Operation of Low-Floor Light Rail Vehicles	02/1993	T1	D	
1502	Practical Procedure for Development of Performance Targets regarding Life Cycle Costs (LCC) in Specifications for Public Transport Rail Vehicles	11/2000	T1	D	
1504	Recoomendation on the Procurement and Maintenance of Wheels of Tramway Vehicles, Light Rail Vehicles and Metro Vehicles	05/2008	T1	D	
1505	Recommendation on the Procurement and Maintenance of hydraulic systems of Tramway Vehicles, Light Rail Vehicles and Metro Vehicles	05/2008	T1	D	
1506	Technical delivery requirements of requirement specification and delivery contracts for Light Rail Vehicles and Metro Vehicles	05/2008	T1	D	
1507	Electronic Equipment in Rail Vehicles: Examples of Strategies in case of Discontinuation of Devices / Components	02/2013	T1	D	
1508	Use of RFID to simply operational processes	08/2020	T8	D	
1541	Noise of Rolling Stock under Parking Conditions	11/2017	T13	D	
8002	Recommendations for the cleaning of the passenger compartment of public transport vehicles and other measures to prevent the spread of infectious diseases	11/2020	T4	D, E	
Vehicles (1/2), Railway Rolling Stock					
2025	Railway – Communication – Platform	07/2020	T13	D	
Vehicles (1/2), Buses / Commercial Vehicles					
2303	Recommendation for the prevention of fire damage at buses	08/2012	T4	D	
2313	Drives for Line-Service Buses – Technical Level and Alternative Drives	04/1997	T3	D	obtainable free of charge from the VDV department
2315	Life Cycle Costs (LCC) for Line-Service Buses – Evaluation Criteria for Tenders	09/2010	T3	D	
2317	Disc Brakes of the VDV Line-Service Buses	04/2002	T3	D, E	
2318	Economic Efficiency of Line-Services Buses – Comparison of Established and Alternative Vehicle Concepts of the VDV Line-Service Bus Family	03/2007	T3	D	
2319	Planning-operational evaluation of electric bus concepts	11/2014	T2	D	

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Information Technology / Information Processing (3/4), General IT Subjects					
3000	CANopen Application within Information and Communication Technology on Public Transport Vehicles	10/2004	T21	D	
3001	Communication within Public Transport – Technical Requirements for the Use within the Integrated On-Board Information System (IBIS)	11/2011	T21	D	research project – obtainable free of charge from the VDV department
3002	Internet Protocol based Integrated On-Board Information System IBIS-IP – Overview on the documents and the services	10/2016	T21	D	
3003	IBIS-IP User Description of the Passenger Information Service (CIS) – Recommendations for the use of the CIS data elements	10/2020	T21	D, E	
Information Technology / Information Processing (3/4), Train Safety Technology					
3300	Catalogue of Criteria for a Cost Benefit Consideration of Automatic Vehicle Monitoring Systems	11/1992	T21	D	
3301	AVMS/LSI/IBIS – Situation and Trends (1): Equipment Stages; Combination of Speech and Radio Data Transmission; Data Supply and Load	06/1993	T21	D	
3302	AVMS/LSI/IBIS – Situation and Trends (2): State of Development; Standardization; AVMS Survey	12/1993	T21	D	
3303	AVMS/LSI / IBIS – Situation and Trends (3): Localization by means of Satellites	10/1995	T21	D	
3304	VMS/LSI / IBIS – Situation and Trends (4): The AVMS as Part of a Quality Management System	06/1996	T21	D	
3305	its/RBL/LSA/IBIS – Situation and Trends (5): Data Telegrams IBIS Car/Train Bus (actualized documentation of VDV Recommendation 300, supplement 2, appendix 11)	05/2011	T21	D	
3306	Maintenance-Low Point Locks	02/2005	T22	D	
3307	Axle Counting Equipment within Public Transport	12/2005	T22	D	
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3313	Development and Trends of the Safety Technologies within Public Transport	12/2005	T22	D	
3314	Information Management within the Environment of its	06/2008	T22	D	
3315	Power Supplies for Railway Signalling Facilities and Railway Controlling Equipment	01/2013	T22	D	
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3318	Use of LED signals for train protection and signaling systems for train operations on sight in the application area of BOStrab	04/2016	T22	D	

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4007	Methodology for the Determination of Characteristics for the Maintenance of Communication Equipment	03/2000	T21	D	
4008	Digital Internal Operation and Trunking Radio for Public Transport / Facts and Trends	01/2002	T21	D	
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4014	Impact of DIN 14675 on implementation and operation of fire alarm systems in Public Transport	07/2012	T21	D	research project – obtainable free of charge from the VDV department
4015	Radio technical operation concept for the digital radio in Public Transport	07/2012	T21	D	
4016	Customer information for smart information services	06/2014	T21	D	research project – obtainable free of charge from the VDV department
4017	Use of voice transmission without in-house radio infrastructure	09/2016	T21	D	
4018	Video technology guide for public transport – Practical guide for transport operators, planners and installers	03/2017	T21	D	
4400	Catalogue of measures for VDV recommendation 440 Measures for personnel, organisational and structural/ physical security and sector-specific technology	07/2020	T21	D	

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Information Technology / Information Processing (3/4), Data Technology / Data Processing					
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4525	GRCS-IT Governance Risk Compliance Security in IT of Transport Undertakings	12/2011	T23	D	
4526	User Guide – Representation of the Route within IDMVU	02/2014	T23	D	research project – obtainable free of charge from the VDV department
4527	User Guide – Representation of Public Road Transport within IDMVU	02/2014	T23	D	research project – obtainable free of charge from the VDV department
4528	Interface for Reference Data on Connection Protection (ANSDEF-Service)	05/2014	T23	D	research project – obtainable free of charge from the VDV department
Electrical Power Installations (5)					
5000	Directive on Electromagnetic Fields (26th BlmSchV) – Application on the Electrical Power Installations for DC Traction Systems	12/1998	T1	D	
5001	Amended Regulations for Electrical Power Installations for DC Traction Systems due to the Publication of DIN EN 50 122-1 (VDE 0115 part 3), 12/97 edition	02/1999	T1	D	
5002	Rectifier Substations – Consideration of the Maintenance Costs	11/2001	T1	D	
5003	Maintenance Work on Overhead Contact Line Systems – Position List for the Execution of Maintenance on Tramways and LRT Systems	09/2004	T1	D	
5004	Structural analysis of Overhead Contact Line Systems – Recommendations for preparing of structural calculations for Overhead Line Systems of Urban Rail Systems	03/2011	T1	D	
5350	Replacement of T8 Fluorescent lamps by LED lamps	05/2020	T1	D	
5501	Remote Control Mechanisms for Pole Switches	04/2018	T1	D	
Rail Construction (6), General Rail Construction					
6000	Operation of Light Rail Vehicles in Mixed Operation according to BOStrab and EBO	07/1995	T6	D	
6001	Skeleton Plan on the Training to Security Supervisor for the Service with Traction Systems Operated according to BOStrab and Traction Systems for the Regional Traffic (except DB AG)	04/1999	T6	D	
6002	Inspection of Engineering Structures for Guided Public Transport and Non-Federal Railways	01/2005	T6	D	

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Rail Construction (6), Rail Construction for Public Transport					
6201	Bedding of Rails on a Founded Stratified Layer	10/2001	T6	D	
6202	Fire Protection in Traction Systems for Public Transport according to BOStrab	11/2001	T6	D	
6203	Guide to a Fire Protection Concept for Guided Public Transport according to BOStrab	08/2003	T6	D	
6204	Parameters for Comparison of the Organisation of the Structural Infrastructure of the Public Transport Undertakings for Metros, LRT Systems and Tramways	11/2003	T6	D	
6205	Organisation of stand-by services for the structural infrastructure	09/2007	T6	D	
6206	Cleaning of stations of the railbound regional public transit	12/2011	T6	D	
Rail Construction (6), Rail Construction for Railways					
6600	Technical BDE Information No. 24 (Railway) – Level Crossing Fastening and Covering of Tracks	1981	T6	D	
6601	Technical BDE Information No. 28 (Railway) – List of Standard Perfor. for Work on Permanent Ways for Non-Federal Railways	1985	T6	D	
6602	Technical BDE Information No. 29 (Railway) – Standard Switches for Non-Federal Railways	1986	T6	D	
6603	Inspection of Constructional Facilities for Railways	06/2001	T6	D	
6604	Responsibility for the Visible Areas at Level Crossings without Technical Safety Equipment	04/2018	T6	D	
6605	Guidelines on Plant Protection with Non-federal Railways (Vegetation Management)	09/2018	T6	D	
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7002	Requirements for BOStrab Operating Staff as well as Notes on their Suitability, Education, Test Results, Supervision, Instructions and Training	07/2008	T5	D	
7003	Managers in the Driving Service	03/1995	T5	D	
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7006	Customer-Oriented and Handicap-Friendly Public Transport Part 1: Operation according to BOKraft	10/1998	T5	D	
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7013	Function of the Chief Operating Manager acc. to BOStrab in case of Restructuring of Transport Undertakings	11/2001	T5	D	
7014	Prevention of Addiction and Aid to Addicts – Agreement between Management and Workers on Addiction	06/2002	T5	D	
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7016	Management in case of Partial or Complete Line Obstruction	04/2002	T5	D	
7017	Model Agreement between Management and Workers on the Protection of Non-Smokers	06/2003	R3	D	
7018	Security-Leitfaden – Security Management in public transport companies	01/2018	EU, T5	D	
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7031	Handling and Management of Public Transport at Big Events	11/2013	T5	D	
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7035	User-Oriented Desugb Principles for Mobile Passenger Information – Results from the IP-COM-PT – Field Test Report and Pattern Catalogue	09/2014	T21	D	research project – obtainable free of charge from the VDV department
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7037	Compendium "Knowledge Management and Competence Development for executives"	09/2014	BG	D	
7038	Accessibility in public transport planning according to PBefG	08/2015	T5	D	
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7051	WLAN in public transport – added value for customers and companies	10/2020	T21	D	
Operation (7), Railway Regulation					
7502	Customer-Oriented and Handicap-Friendly Public Transport, Part 2: Operation according to EBO	12/2001	EB	D	
7503	Decision-Making Aid for the Use of Decentral Signalling and Control Systems for Industrial Railways	10/2004	T22	D	
7504	Information about the Technical Specification of Interoperability (TSI) relating to the subsystem 'Traffic Operation and Management' and Requirements for the National Implementation Plan acc. To Article 4 of Decision 2006/920/EC of the European Commission	05/2007	EB	D	

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7505	Safety Certificate for Railway Undertakings – Information about the Application Procedure and concerning Directions to the Chief Operating Manager	06/2010	EB	D	
7507	Application of Commission Regulation (EC) No 352/2009 of 24 April 2009 on the adoption of a common safety method on risk evaluation and assessment as referred to in Article 6(3)(a) of Directive 2004/49/EC for changes of a operational or organisational nature	06/2012	EB	D	
7508	Track Works on non-federal Railways – Selection of Protection Measures and its Realisation in Operation	12/2012	EB	D	
7509	Documentation by Railways according to §4 point 4 clause 2 of German General Railway Law	12/2014	EB	D	
7510	Sample examination regulations for railway personnel	08/2016	EB	D	
7511	Evidence according to CSM-RA on the implementation of the "Operational Rules for Railway Undertakings" (Compendium of Common Internal Operational Rules for Railway Undertakings (BRW))	11/2019	EB	D	
Depots and Workshops (8), General					
8001	Guidelines on the Effective Execution of Employment Safety with Transport Undertakings – Employment Safety Management -	11/2001	T3	D	
Depots and Workshops (8), Maintenance Procedures					
8801	Make-or-Buy Guidelines for the Decision Making for Maintenance Processes with the Tyre Management as an Example	03/2004	T4	D	
8802	Maintenance Systems of Bus Companies within Public Transport	09/2007	T4	D	
8851	Maintenance requirements for the Knorr-Bremse brake system of the first version of Flirt EMU based on VDV-Recommendation 885	09/2016	T13	D	obtainable free of charge from the VDV department
8861	Recommendations for ECM-Responsibles	09/2017	T13	D	
8871	Maintenance of signalling equipment of rolling stock – Recommendation for the use of the maintenance manual for the INDUSI I60R / PZB90	10/2015	T13	D	
Economy and Law (9), General					
9005	Staff Characteristics as an Instrument for Operational Staff Controlling	11/1996	R3	D	
9006	Introduction of the Euro – Need of Action and Recommendations on the Procedure for VDV Undertakings; 3rd Edition	09/2000	W	D	
9007	Measures of VDV Member Undertakings for Improvement of the Competitiveness within Public Transport	09/1997	VB	D	obtainable free of charge from the VDV department

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VDV-No.	Title	Edition	Dep.	Language	Order
9009	Route Pricing Systems for Non-Federal Railways – Orientation Aids, Information, Hints	07/2001		D	
9017	Possibilities of Using New Media within Public Transport	03/2000	V	D	
9018	Possibilities of using new media within public transport	03/2002	V	D	
9019	Approval and Complaint Management	11/2000		D	
9020	Guidelines for the Dealing with Employees Conspicuous in respect of Addictive Drugs: Model C109, Check List, Handling Instruction, Additional Hints	01/2001	R3	D	
9022	Market Research within Public Transport	08/2011	W	D	
9025	How can the Business Competence be Used within Competitive Tendering	02/2003	EPR	D	
9026	Performance-Related Remuneration – Flexibilisation of the Remuneration within the Scope of Collective Division Agreements for Public Transport Undertakings – Theses for the Operational Structure of Variable Performance- and Success-Related Payment Elements	04/2003	R3	D	
9027	VDV Position Paper on the Customers' Rights within Public Transport	09/2003	R3	D	
9029	Quality of Work as a prerequisite of Quality of Service	07/2004	R3	D	
9030	Possibilities of Using New Media within Public Transport (3)	09/2004	V	D	
9031	Care of employees after traumatic incidents	06/2016	T5	D	
9032	Practical Experience within Public Transport in Germany as regards the Compliance of the Four Criteria Developed within the Scope of the Judgment of the EU Court of Justice on 24.07.2003	03/2005	GFP	D	
9034	Operational Health Management – A guide to the organisation in the enterprise	09/2019	T5	D	
9036	Performance-Dependent Remuneration Rule for Rail Operators	04/2008	EPI	D	
9037	Definition of Terms concerning Steering and Rest Times within Bus Transport – An Overview of the Definitions on the basis of the European Law and the German Law	07/2006	R3	D	
9038	VDV sample transport	05/2007	R3	D	
9039	Commentary and Explanation of the VDV Sample Transport Conditions for Railway, Tramway and Trolleybus Transport as well as for Line-Service Transport with Motor Vehicles (MBB)	05/2007	R3	D	
9040	Influenza-Pandemia Planning of Transport Companies	08/2009	T5	D	
9041	Requirements for a Simulator Line-Service Bus	10/2008	T5	D	
9042	Pointers on the Immission Control – A legal Guide for Companies	11/2008	R3	D	
9043	The New EU Regulation (EC) Nr. 1370/2007	09/2009	R2	D	
9044	Juridical questions to CCTV	04/2009	R5	D	

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9045	Assessing mental constraints on the implementation of risk assessments	03/2013	T5	D	
9046	Transport Management Companies and Regulation (EC) No. 1370/2007	10/2009	R2	D	
9048	Passenger rights in SPNV	11/2009	R5	D	
9049	Disturbed Sleep with Day Sleepiness – Procedural Guidelines for the Company Doctor’s Assessment of Vehicle Drivers and other Staff Members	01/2012	T5	D	
9050	Prevention and intervention for addictive diseases in operation	03/2013	T5	D	
9051	Criteria for determination of sickness rate due to personnel management aspects	05/2016	BG	D	
9052	Public Transport Branding	11/2012	W	D	
9053	Calculation Bases for Railway Infrastructure Companies with Small or Medium-Sized Networks	03/2014	EPR	D	
9054	Exchange of Views in the Field of Regional Rail Transport = Discussion Results to Topical Issues (2008 to 2011)	05/2011	V	D	
9055	Requirements for Future-Oriented Regulations concerning Revenue Sharing	05/2012	V	D	
9056	Guidelines on German Public Transport Act 2013	12/2012	R2	D	
9057	Domiciliary Rights within Public Transport	12/2013	R4	D	
9058	Implementation of the Rights of Bus Customers – Regulation (EU) No 181/2011 in Practice	12/2014	R3	D	
9059	Contractor’s Responsibility according the Act on the Posting of Workers – Tool for Companies	02/2015	R3	D	
9060	Rules for Avoidance of Conflicts due to Revenue Sharing – Compilation of Examples	03/2015	V	D	
9061	Award of Bus Transport Services according to EU Regulation 1370/2007	05/2015	V	D	
9062	Admissibility of medical examinations before recruitment	06/2016	T5	D	
9063	Practice of public transport financing – sample collection for financing arrangements	11/2016	W	D	
9064	Employment transition and social standards in competitive tenders of bus services	12/2016	V	D	
9065	Arrangements for remuneration updating in traffic contracts	03/2017	V	D	
9066	Publication of public service contracts (bus and tram) – a guideline	12/2017	R2	D	
9067	Ridepooling as part of public transport	10/2019	T2	D	
9068	Occupational medical precaution – Application Guide to the Regulation	01/2020	T5	D	
9069	Use of tablet computer in Vocational Training – Contexts of justification and proposals for the content	09/2020	BG	D	

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VDV-No.	Title	Edition	Dep.	Language	Order
9070	General Conditions of Performance (ALB) of the railways	11/2020	MG	D	
9071	Criteria for sustainable procurement	12/2020	R2	D	
Economy and Law (9), Tariffs					
9700	Possibilities of Application of Card Systems for the Cashless Purchase of Tickets within the Public Transport	01/1991	W	D	
9701	Present Tariff Strategies within Public Transport, Part 1: Analyses and Experience	02/1992	W	D	
9702	Present Tariff Strategies within Public Transport, Part 2: Recommendations on the Tariff Formation	10/1994	W	D	
9703	Electronic Cash and Point of Sale, without Payment Guarantee within Public Transport	09/1993	W	D	
9704	Recommendations on the Sale	05/1997	W	D	
9705	Electronic Payment and Ticket Systems for Bus and Rail Transport Systems Part I	03/1995	W	D	
9706	Electronic Payment and Ticket Systems for Bus and Rail Transport Systems Part II: Electronic Tickets and other Additional Functions	01/1998	W	D	
9707	Measures for Revenue Guarantee	08/1998	W	D	
9708	Measures for Revenue Guarantee, Part II: Characteristics of Ticket Controlling and the Best Possible Level of Control	10/2001	W	D	
9709	Electronic Payment and Ticket Systems for Bus and Rail Transport Systems Part III: Automated Fare Collection	09/1999	W	D	
9710	Perspectives of the Tariff and Sales Strategy by way of the New Technologies	02/2002	W	D	
9711	Structural Scheme for Tariff Information at the Stops	01/2003	W	D	
9713	Benchmarking within Sales	05/2004	W	D	
9714	Mobile Phones as Sales Terminals – Requirements and Concepts	05/2004	W	D	
9715	User-Financed Fare Strategies	11/2005	W	D	
9716	Recommendations on the Structure of Combined Tickets	11/2006	V	D	only as online-version available for members on the VDV website
9717	General conditions and factors of influence for market-oriented tariff-adjustments	11/2008	W	D	only as online-version available for members on the VDV website
9718	Recommendations for the use of the VDV-Barcode-Standard	07/2010	W	D	
9719	Complementation of public transport with multimodal mobilityoffers	10/2013	W	D	
9720	Fundamentals of electronic tariffs	03/2014	V	D	
9721	Integration of complementary mobility services	03/2014	V	D	

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VDV-No.	Title	Edition	Dep.	Language	Order
9722	Options for Action in Dealing with Mobility Platforms of Third Parties	06/2014	V	D	
9723	Possibilities of Developing User Financing – Fundamentals of Future Sales and Fare Strategies	07/2017	V	D	

Economy and Law (9), VDV-internal Reports

9900	Proceeds and Expenditure in 1996 within the Passenger Traffic – Results of the Association's Survey	01/1998	VB	D	only for ordinary VDV member companies
9901	Calculations of Route Performances and Route Successes within Public Transport	06/1998	EU, V, VB	D	only for ordinary VDV member companies
9902	Proceeds and Expenditure in 1997 within the Passenger Traffic – Results of the Association's Survey	01/1999	VB	D	only for ordinary VDV member companies
9903	Route Expenditure and Proceeds in 1997 with the Non-Federal Railways [results of the Association's survey]	03/1999		D	only for ordinary VDV member companies
9904	Evaluation of the 1998 Tariff Inquiry	02/1999	W	D	only for ordinary VDV member companies
9905	Day Rates for Failures of Public Transport Vehicles caused by Outsiders (Results of the Association's Survey)	03/1999		D	only for ordinary VDV member companies
9906	Proceeds and Expenditure in 1998 within the Passenger Traffic – Results of the Association's Survey	02/2000	VB	D	only for ordinary VDV member companies
9908	Proceeds and Expenditure in 1999 within the Passenger Traffic – Results of the Association's Survey	02/2001	VB	D	only for ordinary VDV member companies
9909	Proceeds and Expenditure in 2000 within the Passenger Traffic – Results of the Association's Survey	04/2002	VB	D	only for ordinary VDV member companies
9910	Proceeds and Expenditure in 2001 within the Passenger Traffic – Results of the Association's Survey	06/2003	VB	D	only for ordinary VDV member companies
9911	Proceeds and Expenditure in 2002 within the Passenger Traffic – Results of the Association's Survey	06/2004	VB	D	only for ordinary VDV member companies
9912	Proceeds and Expenditure in 2003 within the Passenger Traffic – Results of the Association's Survey	08/2005	VB	D	only for ordinary VDV member companies
9913	Proceeds and Expenditure in 2004 within the Passenger Traffic – Results of the Association's Survey	08/2006	VB	D	only for ordinary VDV member companies
9914	Proceeds and Expenditure in 2005 within the Passenger Traffic – Results of the Association's Survey	06/2007	VB	D	only for ordinary VDV member companies
9915	Proceeds and Expenditure in 2006 within the Passenger Traffic – Results of the Association's Survey	06/2008	VB	D	only for ordinary VDV member companies
9916	Proceeds and Expenditure in 2007 within the Passenger Traffic – Results of the Association's Survey	06/2009	VB	D	only for ordinary VDV member companies
9917	Proceeds and Expenditure in 2008 within the Passenger Traffic – Results of the Association's Survey	06/2010	VB	D	only for ordinary VDV member companies
9918	Proceeds and Expenditure in 2009 within the Passenger Traffic – Results of the Association's Survey	05/2011	VB	D	only for ordinary VDV member companies

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VDV-No.	Title	Edition	Dep.	Language	Order
9919	Proceeds and Expenditure in 2010 within the Passenger Traffic – Results of the Association`s Survey	05/2012	VB	D	only for ordinary VDV member companies
9920	Proceeds and Expenditure in 2011 within the Passenger Traffic – Results of the Association`s Survey	06/2013	VB	D	only for ordinary VDV member companies
9921	Proceeds and Expenditure in 2012 within the Passenger Traffic – Results of the Association`s Survey	05/2014	VB	D	only for ordinary VDV member companies
9922	Proceeds and Expenditure in 2013 within the Passenger Traffic – Results of the Association`s Survey	05/2015	VB	D	only for ordinary VDV member companies
9923	Proceeds and Expenditure in 2014 within the Passenger Traffic – Results of the Association`s Survey	06/2016	VB	D	only for ordinary VDV member companies
9924	Proceeds and Expenditure in 2015 within the Passenger Traffic – Results of the Association`s Survey	07/2017	B	D	only for ordinary VDV member companies
9925	Proceeds and Expenditure in 2016 within the Passenger Traffic – Results of the Association`s Survey	06/2018	VB	D	only for ordinary VDV member companies
9926	Proceeds and Expenditure in 2017 within the Passenger Traffic – Results of the Association`s Survey	05/2019	B	D	only for ordinary VDV member companies

Planning of Transport Systems (10), General Planning

10000	Strategic Aspects of Automation of the Rail Operation	08/1994	T2	D	
10001	P+R Discussion – Arguments to the Present Criticism of P+R	02/1995	T2	D	
10002	Description of the Transport Quality of Bus Services	01/1996	T2	D	
10003	Quality Management within Public Transport and Railway Freight Traffic – Decision Aids for the Practice	07/1996	T2	D	
10004	Management of P+R Systems	01/1997	T2	D	
10005	VDV Position Paper on the Question about Networking of Traffic Computer Master Centres	09/1997	T2	D	
10006	The Public Transport Plan – A Challenge for the Cooperation between Principals and Transport Undertakings	07/1996	GFP	D	
10007	VDV's Position on the Question about Public Transport and Bicycles	02/2002	T2	D	
10008	Measuring the Service Quality within Public Transport Method Evaluation Considering the Bonus/Extra Premium Regulations	02/2002	T2	D	
10009	CarSharing Mobility Module – Recommendation on the Cooperation with Public Transport	05/2004	T2	D	
10010	Bus Rail Possibilities and Limits	11/2005	T2	D	
10012	Position of the VDV on Bike Hire Systems	05/2010	T2	D	
10013	Public Transport in Integrated Traffic Management – Experience with an Integrated Traffic Control Room as well as Consequences and Recommendations for the Daily Routine and Big Events	09/2010	T2	D	
10014	Communication of major projects	06/2013	T2	D	

BOStrab | Regulations

The German Federal Regulations on the Construction and Operation of Tramways (BOStrab) specify the basic requirements and provisions for the safe operation of tramways in the sense of the German Passenger Transport Act (PFefG). At present, the edition of 11.12.1987 as amended on 16.12.2016 is valid.

Order:

beka GmbH

Von-Werth-Straße 37 · 50670 Köln

T 0221 951449-0 · F 0221 951449-20

www.bekaverlag.de · info@beka.de

BOStrab mainly includes general statements. Concrete technical rules are given in separate regulations.

Please contact the following VDV experts if you have any questions or would like further information about BOStrab:

Technical aspects: Udo Stahlberg (special fields: electrical power installations and funicular railways) · stahlberg@vdv.de · T +49 221 57979-132

Legal aspects: Daniel Brand (special fields: environmental, energy and technology law, sectoral planning law for public transport) · brand@vdv.de · T +49 221 57979-116

Operational Rules for Railway Undertakings

The Operational Rules for Railway Undertakings are VDV's recommendations on the regulations that each railway undertaking has to prepare to fulfil its duty for safety and to meet the requirements specified in TSI OPE.

The Operational Rules for Railway Undertakings support the realisation of the high safety standards for railways in Germany and the uniformity of the railways. They also make it easier to realise company-overlapping training and co-operation. They are obtainable from: DB Kommunikationstechnik GmbH.

The expert committees of the VDV, especially by the committee of railway operation, refine the set of rules for railway undertakings (BRW; Betriebsregelwerk) continuous. The edition 4 (A 04) is the current version of this set of rules, which is in force since 15th December 2019. The edition 5 (A 05) was published in December 2020; its entry into force is recommended on 12th December 2021.

Railway Regulations for Non-federal Railways

The railway regulations, staff instructions and recommendations that the expert committees of the VDV prepare are the basis for the Regulations for Non-federal Railways. Some of them have been put into force upon special implementation decrees of the transport ministries of the German states and some of them are integral parts of the terms of use of the rail networks and the terms of use of the railway infrastructure operators' service facilities in the form of technical and operational rules. Further information is found under: www.vdv-regelwerke.de

If you have any questions or would like further information about the Operational Rules for Railway Undertakings or the Railway Regulations for Non-federal Railways, please contact: Götz Walther (special field: railway operation) · walther@vdv.de · T +49 30 399932-13

Further information about regulations as well as further downloads concerning VDV Recommendations and VDV Reports: *Download: www.vdv.de/downloads.aspx*

Verband Deutscher Verkehrsunternehmen e.V. (VDV)
Kamekestraße 37-39 · 50672 Cologne · Germany
T +49 221 57979-0 · F +49 221 57979-8000
info@vdv.de · www.vdv.de

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