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A Conceptual ITS Architecture: An ATIS Perspective	x		x			x	x			x							x	x									x	x	x										x	x	x											
Adaptive Cruise Control: Operating Characteristics and User Interface	x					x	x			x								x							x			x																									
ADMS Data Dictionary Specifications																			x	x	x																																	
Archiving ITS Related Traffic Monitoring Data																			x	x	x																																	
Metadata Content for ITS Generated Data																			x	x	x																																	
Advanced Transportation Controller (ATC) App. Program Interface															x		x										x												x	x													
Advanced Transportation Controller (ATC)															x		x										x												x	x													
ATC Cabinet															x		x										x												x	x													
Converting ATIS Message Standards from ASN.1 to XML	x		x		x	x	x										x	x	x	x					x	x	x	x	x	x				x							x	x	x		x			x	x					
Commercial Vehicle Credentials		x							x																																												
Commercial Vehicle Safety and Credentials Information Exchange		x							x																																											
Commercial Vehicle Safety Reports									x																																												
Data Dictionary for Advanced Traveler Information System (ATIS)	x					x	x										x	x									x															x						x	x					
Data Radio Channel (DARC) System	x						x																																														
Driver Safety Monitoring																																																					
Driver Visibility Improvement																																																					
Interface	x					x	x			x								x							x			x																									
Information Report on ITS Terms and Definitions																																																					
Information Report	x					x	x											x																																			
ISP-Vehicle Location Referencing Message Profiles	x					x	x											x																																		
ISP-Vehicle Location Referencing Standard	x					x	x											x																																		
ITIS (International Traveler Information Systems) Phrase Lists	x		x		x	x	x										x	x	x	x					x	x	x	x	x	x				x							x		x		x		x	x				x		
ITS Data Bus Conformance Test Procedure																									x																											
ITS Data Bus Data Security Services Recommended Practice																									x																											
ITS Data Bus Gateway Recommended Practice																									x																											
ITS Data Bus Protocol - Application Layer Recommended Practice																									x																											
ITS Data Bus Protocol - Link Layer Recommended Practice																									x																											
ITS Data Bus Protocol - Physical Layer Recommended Practice																									x																											
ITS Data Bus Protocol - Thin Transport Layer Recommended Practice																									x																											
ITS Data Dictionaries Guidelines																																																					
ITS In-Vehicle Message Priority	x					x	x			x								x							x			x																									
Mayday Industry Survey Information Report											x	x													x																												
(Def. & Meas.)	x					x	x			x								x							x			x																									
Message Set for Advanced Traveler Information System (ATIS)	x		x		x	x	x										x	x									x															x						x	x					
Message Set for External TMC Communication (MS/ETMCC)	x	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x					x	x	x	x		x				x	x				x	x	x	x			x	x					x	
Message Sets for DSRC ETTM & CVO									x	x																		x																								x		
Messages for Handling Strings and Look-Up Tables in ATIS Standards	x		x		x	x	x										x	x									x															x						x	x					

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National Location Referencing Information Report					x																																														x			
National Names Phrase List	x		x		x	x	x										x	x	x	x					x	x	x	x	x	x				x						x	x	x		x		x	x				x			
NTCIP - Application Profile for File Transfer Protocol (FTP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x
Framework	x	x	x			x	x	x	x	x	x	x	x		x	x	x	x		x	x				x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x			x		x	x
NTCIP - Application Profile for Trivial File Transfer Protocol	x	x	x			x	x	x	x	x	x	x	x		x	x	x	x	x	x	x				x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x			x		x	
NTCIP - Generic Reference Model for Traffic Management	x	x	x			x	x	x	x	x	x	x	x		x	x	x	x	x	x	x				x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x			x		x	
Architecture	x	x	x			x	x	x		x	x	x	x		x	x	x	x	x	x	x	x			x	x	x	x	x		x	x			x			x	x	x	x	x		x	x	x	x	x	x			x	x	
NTCIP - Applications Profile for Data Exchange ASN.x (DATEX)	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x		x	x			x			x	x	x	x	x		x	x	x	x	x	x		x	x	x	
NTCIP - Base Standard: Octet Encoding Rules (OER)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x		x		x	x	x	
NTCIP - Class A and Class C Communications Profiles												x	x		x	x	x		x	x						x	x				x								x	x	x													
NTCIP - Class B Profile												x	x		x	x	x		x	x						x	x				x	x	x				x		x	x	x												x	x
NTCIP - CORBA Near Real Time Data Service	x		x	x	x	x	x	x	x		x	x	x	x			x	x	x	x		x					x				x	x	x	x		x					x				x	x	x	x	x		x	x	x	
NTCIP - CORBA Naming Convention	x		x	x	x	x	x	x	x		x	x	x	x			x	x	x			x					x					x		x	x						x				x	x	x	x	x		x	x	x	
NTCIP - CORBA Security Service	x		x	x	x	x	x	x	x		x	x	x	x			x	x	x	x		x					x				x	x		x	x	x					x				x	x	x	x	x		x	x	x	
NTCIP - Data Collection & Monitoring Devices															x	x	x		x	x							x				x								x	x													
NTCIP - Data Dictionary for Closed Circuit Television (CCTV)								x							x		x										x							x					x		x				x			x					x	
NTCIP - Global Object Definitions				x				x		x	x			x	x										x	x		x	x		x	x		x			x	x	x		x	x						x			x		x	
NTCIP - Information Profile for CORBA	x		x	x	x	x	x	x	x		x	x	x	x			x	x	x	x		x					x				x	x		x	x	x					x				x	x	x	x	x		x	x	x	
NTCIP - Information Profile for DATEX	x		x	x	x	x	x		x		x	x	x	x			x	x	x	x		x					x				x	x		x	x	x					x				x	x	x	x	x		x	x	x	
NTCIP - Internet (TCP/IP and UDP/IP) Transport Profile	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x
NTCIP - Message Set for Weather Reports	x		x				x				x	x	x					x									x								x						x											x		
NTCIP - Object Definitions for Actuated Traffic Signal Controller Units												x			x											x	x				x								x														x	
NTCIP - Object Definitions for Dynamic Message Signs																																		x																	x			
Roadside Weather Information System	x												x		x			x	x	x							x												x															
NTCIP - Object Definitions for Video Switches								x							x		x										x							x					x									x					x	
NTCIP - Objects for Signal Control Priority				x								x		x												x					x								x									x						
NTCIP - Objects for Signal Systems Master				x								x		x												x					x								x															
NTCIP - Point to Multi-Point Protocol Using RS-232 Subnetwork Profile								x				x	x		x																x	x	x	x			x										x	x			x		x	x
NTCIP - Profiles - Framework and Classification of Profiles										x			x		x	x	x										x	x	x		x							x	x	x	x													
NTCIP - Ramp Meter Controller Objects															x	x											x				x								x															
NTCIP - Simple Transportation Management Framework (STMF)	x	x	x			x	x		x	x	x	x	x		x	x	x	x	x	x	x				x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x			x		x	x
NTCIP - Simple Transportation Management Protocol (STMP)								x				x	x		x		x		x							x	x				x	x	x	x			x		x		x							x			x		x	x
NTCIP - Structure and Identification of Management Information	x	x	x			x	x		x	x	x	x	x		x	x	x	x	x	x	x				x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x			x		x	x
NTCIP - Subnet Profile for Ethernet	x		x	x	x	x	x	x			x	x	x	x	x		x		x	x		x				x	x				x	x	x	x	x	x	x		x		x				x	x	x	x	x		x	x	x	
NTCIP - Subnet Profile for Point-to-Point Protocol using RS 232								x				x			x		x		x							x	x				x	x		x			x		x		x							x			x		x	x
NTCIP - Subnet Profile for PMPP Over FSK modems								x				x	x		x		x			x						x	x				x	x	x	x			x		x		x							x			x		x	x
NTCIP - Transportation System Sensor Objects															x	x	x		x	x							x				x						x		x	x													

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NTCIP - Transportation Transport Profile								x				x	x			x											x	x				x							x									x	x
NTCIP - XML in C2C Communication	x	x	x			x	x		x	x	x	x	x			x	x	x	x	x	x					x	x	x	x	x	x	x	x	x			x	x	x	x			x	x	x			x	x	x	x
On-Board Land Vehicle Mayday Reporting Interface																									x																											
RDS (Radio Data System) Phrase List	x		x		x	x	x										x	x	x	x					x	x	x	x	x				x						x	x	x		x		x	x				x		
Rules for Standardizing Street Names and Route IDs	x		x		x	x	x										x	x	x	x					x	x	x	x	x				x						x	x	x		x		x	x				x		
Security/Privacy of Vehicle/RS Communications including Smart Card Communications										x		x														x																											
Provisional Specification for DSRC									x	x		x														x		x																								x			x
Specification for Dedicated Short Range Communication (DSRC) Physical Layer using Microwave in the 902-928 MHz									x	x		x														x		x																								x			x
Specification for Dedicated Short Range Communication (DSRC) Data Link Layer: Medium Access and Logical Link Control									x	x		x														x		x																								x			x
Media	x						x											x																																				
use by EMCs	x		x	x	x	x	x	x			x	x	x	x			x	x	x	x	x				x		x							x	x			x	x	x	x			x	x	x	x				x		
Standard for Data Dictionaries for Intelligent Transportation Systems																																																				
Standard for Emergency Management Data Dictionary											x						x																																		x		
(TMDD)	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x					x	x	x	x	x		x			x	x			x	x	x	x				x	x				x		
Standard for Hazardous Material IMMS for use by EMCs					x			x			x			x			x																																		x			
Standard for Message Set Template for ITS																																																				
Standard for Message Sets for Vehicle/Roadside Communications									x	x																		x																								x			x
While Driving	x					x	x			x								x							x			x																										
Standard for Navigation and Route Guidance Man-Machine Interface																																																				
Transactions	x					x	x			x								x							x			x																										
Standard for Public Safety IMMS for use by EMCs				x				x			x			x			x																																		x			
EMCs				x	x			x			x			x			x																			x	x														x			
Standard Railroad Grade Crossing																																						x															
Standard Specification for 5.9 GHz Physical Layer										x		x														x						x																				x
Standard Specification for 5.9 GHz Data Link Layer										x		x														x						x																				x
Standard Specification for DSRC - Data Link Layer										x		x																x																									
Standard Specification for DSRC - Physical Layer 902-928 MHz									x	x		x																x																								x			
Subcarrier Traffic Information Channel (STIC) System	x						x																																														
TCIP - Common Public Transportation (CPT) Business Area Standard			x	x																						x																											
TCIP - Control Center (CC) Business Area Standard		x	x	x	x	x				x				x				x	x	x						x		x		x																						x			
TCIP - Fare Collection (FC) Business Area Standard		x				x				x								x		x								x																										
TCIP - Framework Document			x																							x																											
TCIP - Incident Management (IM) Business Area Standard	x			x				x			x						x	x							x																										x			

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TCIP - Onboard (OB) Business Area Standard			x	x																						x															x	x	x			x						
TCIP - Passenger Information (PI) Business Area Standard	x		x	x			x							x				x																								x		x			x	x				x		
TCIP - Scheduling/Runcutting (SCH) Business Area Standard	x		x	x			x							x				x																								x					x	x						
TCIP - Spatial Representation (SP) Business Area Standard			x																							x																x	x	x	x	x	x						