



Intelligent Transportation Systems Standards Fact Sheet

ANSI TS286

Commercial Vehicle Credentials

March 1999

Overview

Operation of commercial vehicles (those engaged in the commercial carriage of goods and passengers) in North America is subject to government control and regulation. Federal, State, and local governments require carriers and drivers to have operating credentials and permits, to meet requirements for safe and legal operation, to pass regular inspections (at roadside sites and at industry facilities) of vehicles and operations, and to pay fees and taxes.

To carry out these processes, a large amount of information must be collected, stored, and exchanged. State administrators and roadside enforcement officials need access to regulatory data on a regular basis to establish that vehicles operating in their jurisdictions are in conformance with safety and regulatory requirements. Carriers, insurance companies, and other industry representatives frequently have similar needs. However, such information is often held by the office that collects it and provided to other state agencies as paper reports. As a result, needed information cannot be widely disseminated, is often not available at roadside sites, is difficult to process and handle, and is frequently out of date. Providing the capability to request and send commercial vehicle information electronically makes it rapidly and universally available, and allows an easy interface with each user's own information processing system.

Three new transaction sets have been developed as part of the commercial vehicle operations segment of the intelligent transportation system. The three new standards are:

- Commercial Vehicle Safety Reports
- Commercial Vehicle Safety and Credentials Information Exchange
- Commercial Vehicle Credentials (this standard)**

This standard was developed and is maintained by Accredited Standards Committee (ASC) X-12, Electronic Data Interchange (EDI) of the American National Standards Institute (ANSI). Copies of this standard may be purchased from the Data Interchange Standards Association, Inc., as noted in the box above. Inquiries about the content and use of this standard should be directed to The Johns Hopkins University Applied Physics Laboratory (www.jhuapl.edu/cvo/).

What is this standard for?

This standard contains the format and establishes the data contents of the **Commercial Vehicle Credentials Transaction Set (TS 286)** for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by commercial vehicle operators (e.g., carriers, owners, lessees, drivers, etc.) to apply electronically for the required credentials. Operating a commercial vehicle in the United States requires many credentials. Vehicles must be titled and registered. Carriers must have adequate liability insurance and must be authorized to carry certain types of "cargo" (e.g., hazardous materials, people, and household goods). Special permits are required to operate vehicles that are over the legal weight or size. Drivers must be licensed to drive whatever size vehicles they intend to operate, and must meet medical standards. Carriers must pay fuel taxes for operating vehicles in each jurisdiction. Some states have additional credentialing requirements. This bi-directional transaction set can also be used by authorizing jurisdictions to transmit electronically credential data to applicants and other authorized entities.

Who uses it?

The primary users of the **Commercial Vehicle Credentials Transaction Set (TS 286)** are applicants and government credentialing agencies. Government agencies may also supply credential information to authorized requesters.

To obtain a copy of this standard, please contact:

Data Interchange Standards Association, Inc.

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Web site: www.disa.org

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Publication Date: October 1997

How is it used?

The **Commercial Vehicle Credentials Transaction Set (TS 286)** allows the electronic application, granting, and authorized exchange of credentials-related information required for legal commercial vehicle operations. It can be used to exchange credential data among carriers, state jurisdictions and other authoritative centers, roadside check sites, and authorized industry representatives. It also supports the information exchanged for several credential types, and state variations of different forms for each credential type, in a common transaction set. A one-stop (or no-stop) process, where an applicant can electronically apply for all tax and regulatory credentials from a single location, is the envisioned EDI application.

Scope

The **Commercial Vehicle Credentials Transaction Set (TS 286)** covers the electronic exchange of credentialing details, primarily between an applicant's computer system and the authorizing jurisdiction's system. This standard addresses the format, contents, and codes used to exchange credentialing information. It does not address communications protocols.

Related documents

The implementation guides for EDI contain both policy and procedural guidance for program administrators, as well as technical implementation conventions for EDI programmers.

- Electronic Data Interchange (EDI) Implementation Guide for Commercial Vehicle Credentials Transaction Set 286, Volume I, International Registration Plan (IRP) Credential Transactions, ANSI ASC X12 Version 4 Release 1, The Johns Hopkins University Applied Physics Laboratory, JHU/APL POR-96-6993 D.4, Release 1, December 1998.
- Electronic Data Interchange (EDI) Implementation Guide for Commercial Vehicle Credentials Transaction Set 286, Volume II, International Registration Plan (IRP) Interstate Credential Transactions, The Johns Hopkins University Applied Physics Laboratory, JHU/APL POR-96-6994 D.2, Release 1, December 1996.
- Electronic Data Interchange (EDI) Implementation Guide for Commercial Vehicle Credentials Transaction Set 286, Volume III, International Fuel Tax Agreement (IFTA) Credential Transactions, ANSI ASC X12 Version 4 Release 1, The Johns Hopkins University Applied Physics Laboratory, JHU/APL POR-97-6996 D.3, Release 1, December 1998.
- Electronic Data Interchange (EDI) Implementation Guide for Commercial Vehicle Credentials Transaction Set 286, Volume IV Oversize/Overweight (OS/OW) Credential Transactions, Draft Version, The Johns Hopkins University Applied Physics Laboratory, JHU/APL POR-97-7068 D.1, January 1998.

There is also a directory of EDI data element field codes for commercial vehicle transactions. This directory, approved for use by FHWA, joins the transaction sets, transaction set segments, and data elements for the other EDI standards developed for commercial vehicle operations:

- Federal Highway Administration Code Directory, The Johns Hopkins University Applied Physics Laboratory, POR-98-7127 D.4, February 1999.

Users may also access the Browse and Download Documentation—EDI Implementation Guides section of the JHU/APL CVISN web site www.jhuapl.edu/cvo/ for the latest implementation guides and code directory.