



Intelligent Transportation Systems Standards Fact Sheet

July 2001

SAE J2373 (Draft) Stakeholder's Workshop Information Report

Overview

This information report describes the results of three workshops where public sector participants discussed concepts and requirements for location referencing, including public sector requirements for ITS referencing datums. (A datum is a geodetic term for a point whose three dimensional location has been determined to a high degree of accuracy and precision; an ITS datum represents a point located and surveyed to meet requirements driven by ITS needs.) Through a series of public sector workshops, all levels of government were involved in formulating the requirements for ITS datum standards and processes. The first workshop was held in Santa Barbara, CA in December 1996 to review existing plans and resolve issues related to both location referencing message specification (LRMS) and ITS datum work. This workshop resulted in significant input from public sector and private sector participants for LRMS specifications. Two additional workshops were held to address public sector ITS datum requirements. The first was held in Knoxville, TN in March 1998 and the second was held at Santa Barbara, CA in June 1998. This information report is extracted from the Oak Ridge National Laboratories (ORNL) report noted in the "related documents" section below.

To obtain a copy of this draft standard, please contact:

**Society of Automotive Engineers
(SAE)**

400 Commonwealth Drive
Warrendale, PA 15096
Tel: (724) 776-4841
Fax: (724) 776-0243
Web site: www.sae.org

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For ordering information on this standard, check the Web site at the bottom of this page.

What is this standard for?

This information report, **SAE J2373 – Stakeholder's Workshop Information Report**, on the results of the three location referencing workshops, is intended to clarify meanings, requirements, and outstanding issues regarding location referencing and ITS datum standards and practices. In addition, it offers conclusions related to referencing datum requirements, and how both LRMS and ITS datum standards and practices can aid spatial data interoperability.

Who uses it?

This information report is intended as background for ITS system developers, information service provider (ISP) implementers, vehicle navigation system developers, public transportation agencies, and any person or organization wishing to implement referencing datums for location referencing and spatial database interoperability.

Related documents

Goodwin, C.W., F.E. Latham, D. Siegel, and S.R. Gordon. "Intelligent Transportation Systems Datum Workshop Public Sector Requirements Workshop Report," Oak Ridge National Laboratory, August 24, 1998.

[SAE J2374 – Location Referencing Message Specification Information Report](#)

[SAE J2369 – Standards for ATIS Message Sets Delivered Over Bandwidth Restricted Media](#)