

DATE: August 14, 2007

TO: AASHTO, ITE, and NEMA

SUBJECT: **User Comment Draft of NTCIP 1209,**
Data Element Definitions for Transportation
Sensor Systems (TSS) – version 02

ACTION: Request for Distribution to Solicit User Comments

RECOMMENDATION. This Bulletin reports that the Joint Committee on the NTCIP accepted the proposed NTCIP 1209 v02, *Data Element Definitions for Transportation Sensor Systems (TSS) – version 02*, as a User Comment Draft, and recommended to AASHTO, ITE, and NEMA that the draft be distributed to solicit user comments. The acceptance was approved by the required majority of the 18-member Joint Committee, via an e-ballot which ended August 7, 2007, and which had been requested at the regularly scheduled teleconference meeting held on July 19, 2007. The e-ballot to accept carried with 13 affirmative votes, no negative votes, no abstentions, 3 members not responding, and 2 vacant seats.

The Joint Committee on the NTCIP contributes to the joint standards development process by accepting a proposed draft document at two stages in its development – first as a User Comment Draft and then again as a Recommended Standard.

BACKGROUND. This document was developed to be a Joint AASHTO / ITE / NEMA Standards Publication, part of the NTCIP family of standards and profiles. The document is in the 1200-series of NTCIP document numbers, and is a Device Data Dictionary document.

The NTCIP 1209 defines data elements used for controlling and monitoring transportation sensor system (TSS) devices – those sensors capable of detecting and communicating certain traffic parameters. Sensing devices today extend well beyond the simple detection of automobiles, and now include light-rail vehicles, pedestrians, and other modes of travel. A TSS can be a single loop detector, or a video image processing system, or use other sensing technology.



The NTCIP 1209 v02 is a “major version” revision of version 01, and now includes: systems engineering information, support for multiple sensor technologies, data elements for machine vision, and support for object backward compatibility.

Reviewers should see subclause 2.1.3 on page 10, How this Standard is Organized. Reviewers should also visit the new Annex D, Documentation of Revisions, for a detailed list of changes.

The Annex B Object Tree shows the three objects being deprecated.

NTCIP 1209 v02 includes two normative and one informative annexes, and a placeholder annex for the future test procedures.

The NTCIP 1209 document was developed by the Joint Committee’s TSS Working Group, which is chaired by Ralph Boaz (Pillar Consulting). The TSS Working Group has ten members from both the public and private sectors.

NOTES. The Joint Committee on the NTCIP accepted NTCIP 1209 v02.10 as the user comment draft. The attached version v02.10b includes minor editing on the title page.

NAVIGATE THE PDF. To help users navigate the large document, the PDF file was authored with embedded links. The links can be found in the Table of Contents starting on page ix.

To use the links when browsing with Adobe® Reader®, use the Select Tool or the Hand Tool, and the tool will change to the pointing finger when over a link. To return to the prior page after clicking a link, use Alt + Left Arrow to return to the Previous View. See the reader's View menu for more shortcuts.

USER COMMENT INSTRUCTIONS. People who receive this request for comments are asked to follow these instructions.

1. Refer this Standards Bulletin and the draft document to the person or persons in your organization who are most familiar with, and concerned about, traffic management and NTCIP standards. Also refer this Bulletin to anyone involved with the design, deployment, or operation and maintenance of traffic management systems, including any consultants they may use.

2. Review any portion, or all, of the user comment draft. Any comments, however general or specific, will be appreciated.
3. Email, mail, or fax your comments to this address. If you have five or more comments, an email with an attached Microsoft® Word documents is preferred.

email <ntcip@nema.org>
NTCIP Coordinator at NEMA
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209-3806
fax (703) 841-3331

4. To allow copy/paste text transfer of your comments into a user comment database, please list each of your comments separately, in the following five-part format. Or use a Word table with these column headings.

document: NTCIP 1209 v02.10b
page number:
clause or paragraph number:
comment:
suggested change:

5. Please respond by the end of the comment period as instructed by your standards organization. For NEMA, the 30-day comment period for this Bulletin will close about September 14, 2007. For AASHTO, the 30-day comment period will also close about September 14, 2007. Comments received after the closing date will be accepted, but they may not be included in the next version of the document. Please include your name and mailing address so that your comments can be acknowledged.

**ATTACH-
MENT:** 1. NTCIP 1209 v02, *Data Element Definitions for
Transportation Sensor Systems (TSS) – version 02*,
version 02.10b, August 2007, ~158 pages.

FROM: NTCIP Coordinator
NEMA
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CC: Email with PDF attachment for redistribution to AASHTO and ITE
staff.
Email notification to NTCIP community via listserv reflector.
NTCIP Web site distribution.

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