

NTCIP Standards Bulletin B0136

from the Joint AASHTO / ITE / NEMA Committee on the NTCIP

DATE: May 25, 2010

TO: AASHTO, ITE, and NEMA

SUBJECT: Recommended Standard of NTCIP 1201 v03,
Global Object Definitions - version v03

ACTION: Request for Ballot to Approve

RECOMMENDATION. This Bulletin reports that the Joint Committee on the NTCIP accepted the proposed NTCIP 1201 v03, *Global Object Definitions - version v03*, as a replacement Recommended Standard, and agreed to refer the document to AASHTO, ITE, and NEMA for balloting and approval. The replacement acceptance was approved by the required majority of the 18-member Joint Committee, via an e-ballot which ended May 19, 2010, and which had been requested at the regularly scheduled teleconference meeting held on March 18, 2010. The e-ballot to accept carried with 15 affirmative votes, no negative votes, no abstentions, 3 members not responding, and no 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 1201 version v03 is a data dictionary standard defining those data elements that may be used by a wide variety of ITS devices, such as data related to device identification, time, scheduling capabilities, event reporting, auxiliary device monitoring and control, and security configuration.

NTCIP 1201 major version v03 is the follow-on to the Daylight Saving Time "only" 1201 Amendment 2, which experienced letter ballot comments in 2007, and for which acceptance was withdrawn by the Joint Committee in their July 2007 teleconference. The 1201 v03 expanded on the initial plan to only revise DST, and resulted in the changes listed in Annex D. The new objects for DST that are introduced were expected to be more universal. The version v03 also reflected appropriate references.



Previously in April 2008, the JC accepted NTCIP 1201 GO v03.08 as the Recommended Standard. However, starting as early as the June 2006 BSP2 WG meeting, the WG proposed submitting a revised v03.08+ DST solution to the NTCIP JC as the RS. Finally, in October to December 2009 teleconferences, the BSP2 WG resolved issues reported from deployment experience, and agreed on a revised approach to DST.

NTCIP 1201 v03 was drafted by the NTCIP Base Standards and Profiles Working Group, chaired by Bob De Roche, (Robert De Roche Consulting).

1201 v03.11 was the proposed substitution version to the JC in March 2010. And, in the 3/18/10 teleconference, the NTCIP JC authorized an e-ballot to accept a NTCIP 1201 new minor version v03.12 GO, which would include the Figure 1 MIB Tree revisions offered in the JC call, and make other editorial corrections to be provided from the Caltrans staff comments. The proposed v03.12 RS would replace the previously-accepted NTCIP 1201 v03.08 from April 2008.

Additional minor corrections resulted in NTCIP 1201 v03.13.

NOTES. For the summary of changes in v03.13a, see:

- on the PDF page 4, in the "Minor Version Configuration Management" table, tracks changes from v03.09d to v03.13a;
- on the document page iii, the History section lists various major and minor version milestones; and
- on the document page 62, the Annex section D.2 provides over 3 pages of description of the changes from v02 to v03.

USER COMMENT DISPOSITION. All user comments regarding NTCIP 1201 v03 were recorded and the disposition of each comment is reported. In the report, official "User Comments" are designated with a "UC0000" number in the User Comment Number field.

The report from the User Comment database is posted in the NTCIP Web site's Forum for Standards.

Additionally, the Figure 1 connector and node numbering questions have been resolved.

After the 3/18/10 JC teleconference, Caltrans comments were received from Kai Leung (NTCIP 1201v0311 Caltrans 20100318.xls). On 3/24, there was a single comment still O[pen] (at row 13 in the comment table); that comment proposed to change STATUS mandatory to STATUS deprecated in Section 2.4.2. That sub-comment was resolved by Doug Crawford and Manny Insignares. Other Caltrans comments were editorial and disposed by Johnson.

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To use the links when browsing with Adobe® Reader®, select the Hand tool, and the Hand 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.

BALLOT INSTRUCTIONS. The eligible voting representatives who receive this Bulletin are asked to follow the ballot instructions of their standards organization.

**ATTACH-
MENT:** 1. NTCIP 1201 v03, Global Object Definitions - version v03,
version 03.13a, May 2010, ~85 pages.
2. ITE SDR for NTCIP 1201 v03, 5/10 rev2, X pages; to
be updated.

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