

NTCIP Standards Bulletin B0147

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

DATE: June 7, 2016

TO: AASHTO, ITE, and NEMA

SUBJECT: User Comment Draft of NTCIP 1204 v04
Environmental Sensor Station (ESS) Interface Protocol

ACTION: Request for Distribution to Solicit Comments

Recommendation: This Bulletin reports that the Joint Committee on the NTCIP (NTCIP JC) accepted the proposed User Comment Draft (pUCD) NTCIP 1204 v04, *Environmental Sensor Station (ESS) Interface Protocol*, as a User Comment Draft and recommended to AASHTO, ITE, and NEMA that the draft be distributed to solicit user comments. The required majority of the NTCIP JC took this action during an NTCIP JC meeting 5/24/2016 (web-enabled audio conference). The motion to accept carried with 9 Yes, 0 No, 0 Abstain, 2 Not Voting (a quorum was present, and the required majority of those voting yea or nay concurred).

The NTCIP JC contributes to the joint standards development process by accepting a proposed draft document at two development stages: first as a User Comment Draft, and then again as a Recommended Standard.

Background: This UCD of NTCIP 1204 V04 was prepared by the NTCIP Environmental Sensor Stations (ESS) Working Group. At the end of the process, NTCIP 1204 V04 will be published as a joint AASHTO/ITE/NEMA effort, joining the NTCIP family of standards and profiles. As a 1200-series document, NTCIP 1204 v04 is an NTCIP Device Data Dictionary Standard. Device Data Dictionaries Standards define management information in terms of objects (data elements, data frames, and messages) for use within NTCIP systems. Significant revisions contained in draft NTCIP 1204 V04 (as modified from published NTCIP 1204 v03) include:

- Assess issues and integrating information with connected vehicles, Clarus, and AERIS programs
- Use a systems engineering process (SEP) to ensure the completeness and correctness of NTCIP 1204 v04
- Address backward compatibility (multi-version interoperability) issues in NTCIP 1204 v04
- Accommodate additional user needs and functional requirements identified

Both a “with rev[ision]s” and a “no rev[ision]s” version of draft NTCIP 1204 v04.20 are provided for UCD. The WithRevs version displays significant revisions made during development of NTCIP 1204 v04. The NoRevs version does not display such revisions (track changes has been accepted).

The NTCIP ESS WG is currently Co-Chaired by Nu Rosenbohm, Battelle. Patrick Chan and Manny Insignares, ConSysTec, serve as consulting Systems Engineers for this effort.

User Comment Instructions: To provide user comment, please follow these instructions.



1. Refer this Standards Bulletin, the draft documents (two PDF documents), and the associated Excel 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.
2. Review any portion, or all, of the user comment draft. Any comments (with suggested alternative language), however general or specific, will be appreciated. See the instructions worksheet in the attached Excel.
3. Record all comments on the attached User Comment Form for NTCIP 1204 v04 UCD (Excel). Please list each comment separately using a distinct row in the Excel spreadsheet. For each comment please fill in all identified columns (column J is reserved for future WG use). Comments provided without Suggested Alternative Language will be returned to the submitter.
4. Email your comments to jean.johnson@nema.org . All comments shall be entered in the attached Excel. Comments not submitted using the attached Excel will be returned to the submitter, without further consideration.
5. Please respond by the end of the comment period as instructed by your standards organization. The 30-day comment period for NTCIP 1204 v04 closes on THU July 7. Comments received after the closing date may not be considered during this revision cycle. Please include your name, company organization, email address, and phone number so that your comments can be acknowledged.

FROM: NTCIP Acting Coordinator
NEMA
email jean.johnson@nema.org or ntcip@nema.org

CC: Email with all attachments for redistribution to AASHTO and ITE staff.
Email notification to NTCIP community via listserv reflector.
NTCIP Web site distribution.

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