

Notice of Intent to Adopt

Institute of Transportation Engineers ITS Standard

National Transportation Communications for ITS Protocols (NTCIP)

NTCIP 1204, Environmental Sensor Station Interface Standard - Version 02

NTCIP 8007, Testing and Conformity Assessment Documentation within NTCIP Standards Publications v1.20

The final draft version of the National Transportation Communications for ITS Protocols (NTCIP)

NTCIP 1204, Environmental Sensor Station Interface Standard - Version 02 NTCIP 8007, Testing and Conformity Assessment Documentation within NTCIP Standards Publications v1.20

have been approved by the joint ITE, AASHTO and NEMA Committee on the NTCIP. The Institute of Transportation Engineers intends to adopt these versions of the above mentioned standards as of August 31, 2005 assuming no final appeals are received. Please check the ITE website (www.ite.org) for a notice after August 31, 2005 as to whether these versions of the Standards have been adopted by ITE. When adopted this standard will be jointly published by ITE, NEMA and AASHTO.

NTCIP 1204, Environmental Sensor Station Interface Standard - Version 02

NTCIP 1204 V02 identifies and defines how a management station may wish to interface with a field device in order to control and monitor pavement sensors, weather stations, air quality monitors, and other equipment related to the monitoring of and response to environmental conditions in an NTCIP-compliant fashion.

NTCIP 1204 V02 standard is of the data dictionary type as defined by the NTCIP Data Dictionary Standards and includes three normative and three informative annexes.

This standard provides definitions of data elements for environmental sensor data, including weather data, pavement condition data, water level data, and air-quality data. The data is defined using the Simple Network Management Protocol (SNMP) object-type format as defined in RFC 1212 and the defined NTCIP format defined in NTCIP 8004. This data would typically be exchanged between a management station and a field device using one of the NTCIP 1103

recognized Application Layers (e.g., SNMP). The data may also be exchanged among management stations using other protocols.

As balloted on March 17-18, 2005, in Annapolis, Maryland, January 13, 2005, this standard has been reviewed and has been approved by the NTCIP Joint Committee.

NTCIP 8007, Testing and Conformity Assessment Documentation within NTCIP Standards Publications v1.20

NTCIP 8007 defines the content requirements for the testing documentation for NTCIP standards. While this standard has scope similar to and is based on the principles defined in IEEE 829, this standard has customized these principles for the NTCIP environment. Specific refinements to IEEE 829 standards as part of the NTCIP 8007 include the following,

- (1) defining a set of keywords, for precise interpretation specific to NTCIP environment.
- (2) Accommodate project-specific limitations by allowing the definition of test variables
- (3) Allow variations in tests specific to a device by allowing the definition of test variables

Included are two informative annexes to this document namely, sample requirements, and sample testing requirements.

As balloted in July, 2005, this version of the standard has been reviewed and has been approved by the NTCIP Joint Committee. Subsequent version 1.20a is undergoing due process.

Effective Date of the Standards:

The effective date of this action to adopt these standards as an ITE standard is August 31, 2005 close of business, unless an appeal is received.

How to View the Draft Standards:

Between now August 31, 2005 the final draft version of the standards can be viewed at the NTCIP website (www.ntcip.org <<http://www.ntcip.org>>) in the library section. If no appeals are filed, the ITE International Board of Direction will ballot the standard and it will be available for purchase from ITE.

How to File an Appeal:

If you wish to appeal the adoption of NTCIP 1103, 1104, submit a written appeal to ITE Headquarters (1099 14th St. NW Suite 300 West, Washington, D.C. 20005, Attn: Shelley Row) by the close of business on August 31, 2005. The written appeal shall state the nature of the objection(s) including any adverse effects, the step(s) of the ITE procedures or the section(s) of the standard that are at issue, and the specific remedial action(s) that would satisfy the appellant's concerns. Any previous efforts to resolve the objection(s) and the outcome of each shall also be noted.

If an Appeal is Received by ITE:

ITE Headquarters will work with the NTCIP joint committee chair to develop a response. Within 30 days after receipt of the appeal, ITE Headquarters shall respond in writing to the appellant, specifically addressing each allegation of fact in the appeal to the extent possible.

If an appeal is not able to be resolved informally in a manner consistent with the ITE procedures, ITE Headquarters shall initiate the process for the appointment of an Appeals Panel and will schedule a hearing.

If the timeframe for the above actions will extend beyond August 31, 2005, another notice shall be provided announcing a delay in the anticipated date of adoption by ITE.