ATIS-1000015

ASSIGNMENT OF NEW ISUP CODE POINTS

TECHNICAL REPORT

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ATIS-1000015, *Assignment of New ISUP Code Points*

Is an ATIS Standard developed by the **Interoperability (IOP)** Subcommittee under the **ATIS Packet Technologies and Systems Committee (PTSC)**.

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Technical Report on

ASSIGNMENT OF NEW ISUP CODE POINTS

Secretariat

Alliance for Telecommunications Industry Solutions

Approved October 2006

Abstract

This Technical Report describes the requirements for future additions to the set of nationally-recognized ISUP code points (including code points adopted from the international standard, national message types, national parameters, and code points within a national or international parameter.)

FOREWORD

The information contained in this Foreword is not part of this Technical Report (TR). As such, this Foreword may contain material that has not been subjected to public review or a consensus process.

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between carriers, customers, and manufacturers. The Packet Technologies and Systems Committee (PTSC) -- formerly T1S1 -- develops and recommends standards and technical reports related to services, architectures, and signaling, in addition to related subjects under consideration in other North American and international standards bodies. PTSC coordinates and develops standards and technical reports relevant to telecommunications networks in the U.S., reviews and prepares contributions on such matters for submission to U.S. ITU-T and U.S. ITU-R Study Groups or other standards organizations, and reviews for acceptability or per contra the positions of other countries in related standards development and takes or recommends appropriate actions.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, PTSC Secretariat, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time it approved this document, PTSC, which is responsible for the development of this Technical Report, had the following members:

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The Interoperability (IOP) Subcommittee was responsible for the development of this document.

Technical Report on

Assignment of New ISUP Code Points

1 SCOPE

The procedures in this Technical Report codify the requirement that assignment of new ISUP national message types, national parameters, and parameter codes, and the adoption of international message types and parameters will be limited to those cases where there is a recognized standard use for the assigned value. The document also provides guidance on the order in which new national code points within a (national or international) ISUP parameter should be assigned.

2 ADOPTION OF AN INTERNATIONAL MESSAGE TYPE OR PARAMETER

A request to incorporate a new message type or parameter from the ITU-T ISUP Recommendations must be submitted to the PTSC. The request should reference the ITU-T description of the message type or parameter and should indicate any ITU-T code points that should be marked as "No procedures for U.S. networks" rather than as given in the ITU-T Recommendation.

3 STANDARDIZATION OF NATIONAL MESSAGE TYPES AND PARAMETERS

A request for assignment of an identifier for a new national message type or parameter must be submitted to the PTSC. This request must contain a proposal for use and must be submitted by contribution or by liaison to the PTSC. The PTSC can only assign a new ISUP value in response to such a request. The minimum requirements for the request are detailed in this clause.

A request for a new national message type or parameter must include:

- A reference to the nationally-standard service or network capability requiring the assignment; or
- A detailed description of the proposed service or network capability requiring the assignment and a timeline showing anticipated standardization of the service or network capability within a year of the request.

In addition, the request should include:

- Proposed specific text for addition to ATIS-10000113.2005, Chapter 2, describing the use and interpretation of the parameter and its assigned code points.
- Proposed specific text for addition to ATIS-10000113.2005, Chapter 3/Clause 3, describing the format of the new parameter and its assigned code points. If any new ISUP procedures are required, specific text should be proposed for incorporation into ATIS-10000113.2005, Chapter 4.

4 Requirements for a Request for a New Code Point Within a National Parameter or a New National Code Point Within an International Parameter

A request for assignment of an identifier for assignment of a new code point within an existing national parameter or within an international parameter must be submitted to the PTSC. This request must contain a proposal for use and must be submitted by contribution or by liaison to the PTSC. The PTSC can only assign a new ISUP value in response to such a request. The minimum requirements for the request are detailed in this clause.

A request for assignment of a new code point within an existing national parameter (or a national code point within an international parameter) must include:

- A reference to the nationally-standard service or network capability requiring extension of the existing parameter to include the new code point; or
- A detailed description of the service need to be met by the new code point.

In addition, the request should include:

- Proposed specific text for addition to ATIS-10000113.2005, Chapter 2, describing the use and interpretation of the new code point.
- Proposed specific text to revise ATIS-10000113.2005, Chapter 3/Clause 3, describing the format of the new code point in the context of the existing code points.

5 Assignment of New Code Values

As noted in ATIS-10000113.2005, Chapter 3/Clause 1.11, if message type codes and parameter codes are required for national uses, the codes chosen should be from the highest code downwards -- that is starting at code 1 1 1 1 1 1 1 1.

New code point values within a national parameter should be assigned from the lowest code upwards. New code point values within an international parameter should be assigned in the range identified for national code points.