ISO/IEC JTC1/SC6 N ____

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ISO
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION

ISO/IEC JTC1/SC6

TELECOMMUNICATIONS AND INFORMATION EXCHANGE BETWEEN SYSTEMS

SECRETARIAT: USA (ANSI)

TITLE: Response to SC6 N6885

SOURCE: USA

STATUS: Late contribution to Paris meeting on Enhanced Transport Mechanisms

1. Although the USA recognizes the utility of Formal Descriptions, it believes that it is neither practical nor efficient to mandate their use in the design of new protocols. In particular, the USA does not have the resources to participate productively in such an effort.
2. The USA believes that the structure and form of the NPs included in SC6 N6885 for the Transport and Network Layer enhancements are sufficient both for JTC1 ballot and for development of proposed base text, as evidenced by the contributions that the USA has submitted for discussion at the Paris meeting. A brief summary that relates each USA contribution to the suggested NPs follows below.

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USA Contributions in Relation to NPs Under Consideration

The USA has submitted 11 contributions for the Paris meeting, whose relationship to the actual NPs or the potential NPs is described below.

1. ″Proposed Working Draft for High-Speed Transport Service Definition (SC6 N7070) relates to the potential NP on ″Additional Transport Layer Service Functions″.
2. ″Proposed Changes to the Network Service Definition to Support Connectionless Multicast″ (SC6 N7084) relates to the potential NP on ″Additional Network Layer Service Functions″.
3. ″Multicast Extensions to ISO 8473″ (SC6 N7071) relates to the potential NP on ″Additional Network Layer Protocol Functions and Procedures″.
4. ″Work Description in Support of Enhanced Communication Functions for OSI″ (SC6 N7071) has been submitted in response to the NP on Enhanced Transport Mechanisms (SC6 N6887), in order to recognize that the procedures for large New Work Items specifically ask for submission of a work plan to coordinate the several projects that may be approved.
5. ″Guidelines for Enhanced Transport Mechanisms″ (SC6 N7068) is presented as proposed working draft text for the NP on Enhanced Transport Mechanisms (SC6 N 6886).
6. ″Extensions to ISO 8602 to Support Multicast″ (late contribution) relates to the potential NP on ″Additional Transport Layer Protocol Functions and Procedures″.
7. ″Proposed Working Draft for a High-speed Transport Protocol Specification″ (late contribution) relates to the potential NP on ″Additional Transport Protocol Functions and Procedures″; it addresses issues of protocol efficiency, selectable error control, and multicast transmission.
8. ″Multipeer/multicast Users′ Questionnaire″ (late contribution) is submitted as a method by which SC6 can solicit member body comment on the new applications and requirements for multicast functions.
9. ″Proposed Base Text for Group NSAP Addressing (late contribution) is submitted in response to SC6 N6886, the NP on Group NSAP Addressing.
10. ″Extensions to ISO 8473 for Multicast PDU Identification″ (late contribution) relates to the potential NP on ″Additional Network Layer Protocol Functions and Procedures″.
11. ″Extensions to ISO 9542 to Support Multicast″ (late contribution) relates to the potential NP on ″Additional Network Layer Protocol Functions and Procedures″.